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Government of India



Coal India Limited
(A Maharatna Company)

NEWS & UPDATES

Issue : January 2022



THE OLDEST INSTITUTE
OF ITS KIND IN ASIA

MGMI



TAFCON

9th International Mining, Equipment, Minerals & Metals Exhibition Monday 4th - Thursday 7th April 2022 EcoPark, Rajarhat, Kolkata, India

— CONCURRENT TO —



9th Asian Mining Congress Monday 4th - Tuesday 5th April 2022 Biswa Bangla Convention Centre, Rajarhat, Kolkata, India

Theme: Technological Advancements in Mining Industry: Status and Challenges

Expected Participation

350+
Stalls

600+
Delegates

7+
Country Pavilions

4+
State Pavilions

25+
Countries

15,000+
Footfalls

Group & Large Participation:



AUSTRALIA



CHINA



CZECH REPUBLIC



GERMANY



POLAND



RUSSIA



USA

Gold Sponsor



BEUMERGROUP



SANY

Silver Sponsor



German Pavilion by



Exhibition Overview

- 9th in the Series - IME 2022 is a leading institutionalized biennial international exhibition of the Mining, Minerals, Metals and Machinery industries in India
- 2 Days High Level 9th Asian Mining Congress with Speakers and Delegates from over 20 Countries, who will visit and interact with Exhibitors
- Concurrent "Buyer Seller Meet" during Exhibition having presentations from Major Industry Players from the Industry
- An Ideal Platform for display and launches of new initiatives, machinery products and technologies, establishing joint ventures, developing and renewing international and regional contacts
- High Level Trade Delegations and Country Level Group Participation expected from Australia, China, Czech Republic, Germany, Poland, Russia and, UK and USA
- Large participation of leading Mining Equipment & Machinery Manufacturers expected from Asia, Africa, America and Europe
- Participation of Minerals Rich India States and PSU's, Large Corporates and Small and Medium Organisations

Event Committees



Pramod Agrawal, IAS

Chairman, National Advisory Committee
9th AMC & IME 2022
CMD, Coal India Ltd.



P.M. Prasad

Principal Coordinator, 9th AMC & IME 2022
President, MGMI
CMD, Central Coalfields Ltd.



Bhola Singh

Chairman, 9th IME 2022
CMD, Northern Coalfields Ltd.



P.S. Mishra

Chairman, 9th AMC 2022
CMD, Eastern Coalfields Ltd.

Concurrent 9th Asian Mining Congress

The 9th Asian Mining Congress will be organised by The Mining, Geological & Metallurgical Institute of India (MGMI). Eminent Speakers from India and abroad will debate, deliberate and exchange views on the key issues of the mining and allied sectors. Over 600 delegates are expected to participate from over 20 countries (full details in separate brochure of MGMI)

...continued on page 4



www.miningexpoindia.com



www.mgmiindia.in

Partial List of Confirmed Exhibitors

					
ALTRA INDUSTRIAL MOTION	ANDRITZ SEPARATION AND PUMP TECHNOLOGIES INDIA	AQUA MACHINERIES	AQUATECH PUMPING SOLUTIONS	ATLAS COPCO INDIA	AUSTRALIAN TRADE AND INVESTMENT COMMISSION
					
AXLE SHAFT INDIA	BALAKRISHNA INDUSTRIES LTD.	BALMER LAWRIE LUBRICANTS DIVISION	BEML LTD.	BEUMER INDIA	BHAJANKA ISPAT
					
BIOGUARD ECO SOLUTION	CD INDUSTRIES	CHANDERPUR WORKS	CHINDALIA INDUSTRIAL PRODUCTS	CIA WORLD	COAL INTERNATIONAL
					
CONSTRUCTION MIRROR	CONSTRUCTION TIMES	CONTINENTAL GROUP	CRC INDIA MANUFACTURING & DISTRIBUTORS	CREATIVE ENGINEERS	CT TODAY
					
CUMMINS INDIA	DAMODAR VALLEY CORPORATION	DANA BREVINI INDIA	DERRICK SOLUTIONS INDIA	DINAMIC OIL INDIA	DYNASET OY
					
EARTH TEKNIKS	EASTERN WELDMESH	EASTMAN CRUSHER COMPANY	ELECTRO MAGNETIC INDUSTRIES	ELESA AND GANTER INDIA	EMG AUTOMATION INDIA
					
ENGINEERING APPLIANCES	EPC WORLD	EPLAN SOFTWARE & SERVICES	EQUIPMENT TIMES	EVO BEARING	EXOUSIA AUTOMOTIVE
					
EXXONMOBIL LUBRICANTS	FAMUR SA	FINEROCK INDUSTRIES	FLENDER DRIVES	FLOW LINK SYSTEMS	FLSMIDTH
					
FUELSPEC	G & C VALVES INDIA	GALASSI & ORTOLANI INDIA	GAUTAM & COMPANY	GEOLOGICAL SURVEY OF INDIA	GHH GROUP
					
GORNLY INSTRUMENT LLC	HAVER & BOECKER LATINOAMERICANA	HECTRONIC INDIA RETAIL & PARKING AUTOMATION	HINDUSTAN COPPER	INDIA BEARINGS & MILL STORES	INDIAN OIL CORPORATION
					
INDICON WESTFALIA	INNOTECH ENGINEERING	JHA BABA PROJECTS	JM FRICTECH INDIA	JMS MINING	JPYR POWER GENERATION
					
JSW STEEL	KI TRANSPOWER	KATEEL ENGINEERING INDUSTRY	KEERTHI PUMPS INDIA	KEM-TRON TECHNOLOGIES	KLASSIC KLAROL FILTERS

Partial List of Confirmed Exhibitors

 Partner in weighing & automation	LIEBHERR	MACO Building Relationships	 Marine Electricals	 MATEC INDUSTRIES	MBH PUMPS
LCS CONTROLS	LIEBHERR INDIA	MACO CORPORATION INDIA	MARINE ELECTRICALS INDIA	MATEC SRL	MBH PUMPS
 beyond engineering	 ISO 9001 Company	 मेकन सोल्यूशंस	MINING & QUARRY WORLD		 Safety, Security, Energy Saving
MCNALLY BHARAT ENGINEERING COMPANY	MECON	MINERAL EXPLORATION CORPORATION	MINING & QUARRY WORLD	MODY PUMPS INDIA	MYPORT SERVICES INDIA
		 एनएमडीसी	 ORBITAL SOLUTIONS IN MORE THAN 70 COUNTRIES		
NANDA MILLAR	NLMK INDIA SERVICE CENTER	NMDC LTD.	ORBINOX INDIA	ORIONE HYDRAULICS	PETROLABS INDIA
 Extreme Conveyor Belt Solutions	 GOOD TO DRILL	 Your addition in transmission	 ENTERPRISE ISO 9001:2015	 A Complete Construction Engineering Register	 ENGINEERING INDUSTRIES LIMITED
PHOENIX CONVEYOR	PRD RIGS INDIA	PREMIUM TRANSMISSION	PRERAK ENTERPRISE	PROJECTS MIRROR	PROMAC ENGINEERING INDUSTRIES
	 PLANETARY REDUCTION GEARS		 REVATHI EQUIPMENT LIMITED	 POWER TRANSMISSION	
REDLINE COMMUNICATIONS	REGGIANA RIDUTTORI INDIA	REUTECH MINING	REVATHI EQUIPMENT	RINGFEDER POWER TRANSMISSION INDIA	RINGSPIANN POWER TRANSMISSION INDIA
	 since 1968	 WE SHAVE HEMLOCKING PRODUCTS			 Think Automation Think Us
ROC-SCIENCE	ROTO PUMPS	SAFELIFT INDUSTRIES	SANY HEAVY INDUSTRY INDIA	SENSITIVE FORGE	SHREE GUHAN ENGINEERING PROJECTS
			 INFRA & MINING PVT.LTD.	 A COMPLETE STEEL MAGAZINE	 Construction Equipment
SHREE SAHAJANANDS AUTOMECK	SIT PTC INDIA	SKYLARK DRONES	SQUADRONE INFRA AND MINING	STEEL & METALLURGY	STM CONSTRUCTION EQUIPMENT
	 Reliable solutions				
TAKRAF INDIA	TATA HITACHI CONSTRUCTION MACHINERY COMPANY	TECKNOWELD ALLOYS INDIA	THEJO ENGINEERING	THYSSENKRUPP INDUSTRIES INDIA	TRADE AND INVESTMENT QUEENSLAND GOVERNMENT
		 Solutions Unlimited		 Mining	
USHA MARTIN LTD.	V ENGINEERING ENTERPRISES	VAS TRIBOLOGY SOLUTIONS	VAUTID INDIA	VDMA INDIA SERVICES	VEGA INDIA LEVEL & PRESSURE MEASUREMENT
 Drilling Dynamics		 WORLD CLASS INDUSTRIAL VALVES	 An ISO 9001: 2000 Company		
VELSON	VOITH TURBO	V-TORK CONTROL	WEARRESIST TECHNOLOGIES	WESBEN DIA-DRILL	WORLD COAL
 International 2018			...and many many more joining on daily basis...		
WORLD EXPO INTERNATIONAL	YANTRIQ SYSTEMS	99 PRODUCT TODAY			

■ Exhibiting Profile

- Coal Producers
- Coal Beneficiation & Mineral Dressing Equipments
- Mining and Construction Machinery Manufacturers
- Pumps, Gears, Valves and Compressors
- Power Generation and Transmission
- Material Handling, Logistics and Communication
- Tyres Manufacturers
- Mineral Processing Plants and Equipments
- Lubricants, Greases and Oils
- Automation and Instrumentation
- Diesel Engines & Electrical Engines
- Motors and Generators
- Weighing and Monitoring Solutions
- Mineral Rich State Governments
- Other Minerals and Metals Producers
- Water Treatment Solutions
- Chemicals and Explosives
- Health, Safety & Security
- Components and Spare Parts
- Cement Manufacturers
- IT in Mine Planning & Surveying
- R&D Institutions, Consultants
- Importers and Exporters

■ Visitors Profile

- Coal Consumers / Producers
- Mining, Logistics, Shipping and Fright Companies
- Policy Makers
- Central and State Sr. Government Officials
- Equipment Buyers & Suppliers
- Fuel Suppliers
- Project Developers
- Entrepreneurs
- Investors, MNC's, Industrialist and Traders
- Importers and Exporters
- Engineers and Professional
- Trade Delegations
- Research Scholars
- Bankers and Financial Institutions
- Legal and Management Consultants
- Chief Executives / Decision Makers
- Consultants
- R&D Professionals
- Academicians
- Foreign Missions
- Industry Associations
- Infrastructure Development Organizations
- IT Companies and Solutions Providers

■ Concurrent Asian Mining Congress

Lead Topics:

- State-of- the-Art Exploration Geosciences and Evaluation Techniques
- Challenges in Deep Underground Mining and Mass Production
- Recent Advancements in Opencast Mining
- Mine Mechanisation and Automation
- AI/ML, Digitalisation and Smart Mining
- Policies and Planning for Development of Minor Minerals
- Offshore and Deep Sea Mining
- Breakthroughs in Oil and Gas Sector
- Coal based Unconventional Energy Resources viz. CBM, Shale Gas, SCG, UCG and Methanol Economies to Supplement Energy Demand
- Mineral / Coal Processing, Beneficiation and Extractive Metallurgy including By-product Recovery
- Green Technologies in Mineral Industry
- Environment, Health and Safety Management
- Innovative Technologies: Case Studies
- Roadmap for Start-ups and Creation of Investment Opportunities in Mineral Sectors

Theme: Technological Advancements in Mining Industry: Status and Challenges

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Product and Company Profiles of Few of the Exhibitors

ANDRITZ SEPARATION AND PUMP TECHNOLOGIES INDIA PVT. LTD.



ANDRITZ SEPARATION is the world's leading separation specialist with the broadest technology portfolio and more than 2,000 specialists in 40 countries. For more than 150 years we have been a driving force in the evolution of separation solutions and services for industries ranging from environment to food, chemicals and mining & minerals. As the OEM for many of the world's leading brands, we have the solutions and services to transform your business to meet tomorrow's changing demands – wherever you are and whatever your separation challenge.

Sustainable Growth Through Smarter Separation Solutions:

With the world's most comprehensive portfolio of solid/liquid separation technologies, ANDRITZ is well positioned to provide the right solution for any type of mechanical or thermal separation challenge.

It all starts with our customers' specific process requirements, and ends with a system that brings the best results – day in and day out, for decades to come.

The Right Solution for Every Separation Challenge:

Mining & Minerals:

Discover the industry's most efficient and reliable separation solutions for Iron ore concentrate slurry, Iron ore tailings, Coal concentrate, Coal middlings, Coal fines, Coal tailings, Gold ore, Zinc Smelters, Chrome ore, Bauxite, Precipitated calcium carbonate (PCC), FGDs, Potash, Precious Metals and more.

HYPERBARIC DISC FILTER

Features:

- Highest throughput per machine among all dewatering technologies
- Lowest moisture content for Iron ore
- Lowest OPEX for Iron ore dewatering plant
- Reliable and fully automatic operation



HORIZONTAL VACUUM BELT FILTERS

Features:

- Relatively highest washing efficiency
- Patented angled filter concept
- Bowed rollers to ensure completely flat filter cloth
- Pneumatic lifting and lowering device of vacuum boxes
- Unique tracking mechanisms
- Effective filtration area of up to: 224 m²



MINING FILTER PRESS

Features:

- Up to 200 TPH per machine
- Fast opening and closing of filter pack
- Travelling shuffle (Hydraulic closing system) on the Filter Press Machine
- In-situ – Cloth washing arrangement
- Self-interlocking of the shuffle
- Short cycle time – high throughput
- Unique Feeding Port



HEAVY DUTY BELT FILTER

Features:

- Effective filtration area
- B-10 bearing life
- Frame size and moment of inertia to achieve higher belt tensioning with lower maintenance cost
- Longer overall life-time of filter press (over 20 years)
- High pressure zone configuration
- Approved pressure design to achieve highest cake solids
- Dual perforated rollers for maximum drainage in pressure zone (78% opening)



- Automatic belt tracking and tensioning

CENTRIFUGE DECANTERS

Features:

- Combines sedimentation and filtration
- Low product moisture
- High tonnage in compact design
- Dewatering and washing in one machine
- Plus benefits of solid bowl centrifuge



FULLY AUTOMATIC FILTER PRESS

Features:

- Effective cake discharge without shaking of filter plate or filter cloth
- Fully automatic and well proven design
- Efficient cloth washing without back flow of dirty water into the cleaned area
- 7 to 50 bar operating pressure
- Easy to operate and maintain
- Control for entire dewatering system



Contact

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AQUA MACHINERIES PVT. LTD.



Ahmedabad based ISO 9001 accredited, reputed manufacturer of "AQUA" brand of Dry Motor Submerged Mine Pumpsets for Dewatering, Slurry, Dredging, Drainage, Effluents, Sewage, Storm Water, Drainage, Raw Water etc. applications

The present Aqua manufacturing range covers Submerged Centrifugal Pumps, Storm Water Pumps, Industrial Waste Water Pumps, Mines Dewatering, Slurry and Dredging pumps, Raw Water Amphibious pumps up to 600 hp in 380/550/440 V & 2000 HP in 3.3 / 6.6 kV motor rating, Head upto 300 mtr. These pumps are available in standard execution for permanent installation, portable execution on skirt base and horizontal / vertical execution for permanent installation in Dry pit also. These Aqua Submerged products are manufactured according to the international standards at Aqua Works equipped with elaborate manufacturing and testing facilities.

Heavy Duty, High Head & Low Maintenance Submerged Mine Dewatering Pumpsets

Contact

Email: arm@aquapumps.com

Website: www.aquapumps.com



BALMER LAWRIE & CO. LTD.



Founded by two Scotsmen, Stephen George Balmer and Alexander Lawrie, in Kolkata, Balmer Lawrie & Co. Ltd. started its corporate journey as a Partnership Firm on 1st February 1867. Traversing the 153 years gone by, today Balmer Lawrie is a Miniratna I Public Sector Enterprise under the Ministry of Petroleum & Natural Gas with a turnover of Rs 1612 crores and a profit of Rs 232 crores. There was hardly any business where Balmer Lawrie did not delve into in its formative years, whether it was from Tea to Shipping, Insurance to Banking or Trading to Manufacturing. The Company has left a mark of its own at every step of its remarkable corporate journey.

Balmer Lawrie is a much-respected transnational diversified conglomerate with presence in both manufacturing and service sectors. Balmer Lawrie is a market leader in Logistics, Steel Barrels, Specialty Greases & Lubricants, Travel & Vacations and Leather Chemicals. In its journey, Balmer Lawrie has been successfully

responding to the demands of an ever-changing environment, leveraging every change as an opportunity to innovate and emerge a leader in industry.

Balmer Lawrie has six business units – Logistics, Travel & Vacations, Industrial Packaging, Greases & Lubricants, Leather Chemicals and Refinery & Oil Field Services with offices spread across the country and abroad.

Logistics: Balmer Lawrie, a total logistics solutions provider has three state of the art Container Freight Stations at Kolkata, Mumbai and Chennai with warehousing and distribution facilities at Kolkata and Coimbatore. It provides door-to-door freight forwarding services through air and sea, and is one of the oldest Custom House Agents in the country. Balmer Lawrie also provides Project Logistics solutions and has forayed into Cold Chain Logistics (Temperature Controlled Warehouses and Temperature Controlled vehicles) and Multi Modal Logistics Hub.

Travel & Vacations: As one of the largest travel & tour operators in the country Balmer Lawrie Travel & Vacations provides end-to-end domestic and international travel, ticketing, tourism and MICE related services to its clients. It is one of the oldest IATA accredited travel agencies of India. The online travel portal FlyLikeKing.com caters to the retail customers. Domestic, International and MICE services are provided by the Company under the brand Vacations Exotica (www.vacationsexotica.com).

Industrial Packaging: Balmer Lawrie is the market leader and largest manufacturer of Steel Barrels in India and is the trend setter in the industry in terms of quality and technology. The company has six state of the art barrel manufacturing plants including a state-of-the-art High Throughput Plant at Taloja, Navi Mumbai. All the plants are ISO certified and strategically located across the country for rendering world class service to customers. The in-house Technology and Product Development Centre continuously works on design and development of new products and packaging solutions.

Greases & Lubricants: Balmer Lawrie has been a market leader in specialty Greases & Lubricants. A pioneer in grease manufacturing, its pan-India manufacturing facilities produce the "Balmerol" brand lubricants which cater to the core sectors of the economy including Railways, Defense, Steel, Mining and Automotive. Its R&D Centre known as the "Application Research Laboratory" (ARL) located at Kolkata is amongst the best in India.

Leather Chemicals: Based on indigenous technology, Balmer Lawrie today manufactures and markets a wide range of chemicals (Synthetic Fat Liquors, Beam House and Finishing Chemicals) under the brands "Balmol", "Balsyn" and "Balzyme" for the Leather Industry at its modern manufacturing facility at Chennai. A highly competent team of Leather Technologists with support of the Product Development Centre provide customized solutions to the Leather Industry. All products meet the REACH norms and the Company is a member of the Leather Working Group.

Refinery and Oil Field Services: Services are centered on pollution prevention and recovery of hydrocarbon from wastes. Pioneers of Mechanized Oily Sludge processing in India, with domain technology and expertise. Major services include Mechanised Tank / Lagoon / Lagoon Sludge cleaning, Tank Technologies & Services, Hydrocarbon Recovery. Executed projects at all major refineries & oil installations in India.

Balmer Lawrie also grew inorganically through various JVs over the period of time.

Joint ventures:

Balmer Lawrie (UAE) LLC, Transafe Services Ltd., Balmer Lawrie – Van Leer Ltd, AVI-OIL India Pvt. Ltd., and PT Balmer Lawrie Indonesia

Wholly owned subsidiaries:

Balmer Lawrie [UK] Limited and Visakhapatnam Port Logistics Park Limited (VPLPL)

One of the PSUs to provide "Total Logistics Solutions" & handle sensitive Defence cargo

- Largest Corporate Travel company in Public Sector
- Largest barrel manufacturer in the Country
- Largest grease manufacturer in the Country
- Provides critical support services to Govt. Depts. & other PSUs

Balmer Lawrie & Community

Balmer Lawrie's CSR initiatives are founded on two Flagship Schemes Balmer Lawrie Initiative for Self Sustenance [BLISS] and Samaj Mein Balmer Lawrie [SAMBAL]. While the first Scheme is directed at providing & improving the long term economic sustenance of the underprivileged, the second Scheme aims at improving the living standards of populations in and around the Company's work-centers. In pursuance of this the Company has undertaken several community development projects, partnering with various NGOs with a focus to trigger development at micro-community level and thereby generate the desired developmental impact.

Contact

Website: www.balmerlawrie.com

BEML LIMITED



BEML LIMITED is a leading multi-technology and multi location Mini Ratna Category – I Company under the Ministry of Defence. The company manufactures high quality products for diverse sectors of economy such as defence, coal, mining, steel, cement, power, construction, irrigation, road building, metro, railways and aviation.

BEML has its operation under three distinct business verticals: Defence & Aerospace, Mining & Construction and Rail & Metro. Over the years, BEML has demonstrated its engineering strengths and technical expertise by harnessing state-of-the-art technologies.

In Mining & Construction verticals BEML produces various machines including, Dump Trucks, Bulldozers, Hydraulic Excavators, Wheel Loaders, Wheel Dozers, Water Sprinklers, Motor Graders, Tyre Handlers for mining sector.

Under 'Make in India' initiative, in Mining & Construction vertical BEML developed high-end latest technology electric dump trucks (BH150E & BH205E), Bulldozer (BD475-1) and Electric Hydraulic Excavator (BE1800E) for Mining Sector.

With a commitment to market driven R&D, BEML has successfully rolled out over 40 value-added products. In-house R&D took many initiatives for design and development of high technology products, aggregates and up-gradation of existing products in all business verticals.

The company has state-of-the-art manufacturing facilities at Bangalore, Kolar Gold Fields, Mysore and Palakkad. All these units have sophisticated facilities like CNC machines, hi-tech welding equipment and flexible manufacturing system to turn out cutting-edge-technology products.

BEML's nationwide network of sales offices enables buyer's access to its wide range of products. BEML full-fledged service centres and part depot offer total equipment care. The company site engineers ensure higher availability of machines through prompt after-sales-service.

BH150E REAR DUMP TRUCK

Engine Gross Power: 1875 HP (1398 kW)

Maximum Payload : 136 MT (150 US ton)



BH150E Engineered with AC Electric Drive system with increased power density, enhanced reliability, greater efficiency and lower maintenance of the Alternator and Traction Motors. Traction Motors are driven by IGBT module which enables continuously variable speed and near constant horse power at wheels thereby ensuring faster travel speeds under varying operating conditions. Ideally located spacious ROPS cabin with ergonomically designed operator seat and controls and Air condition system offers maximum comfort and operation ease. Orbitrol full time power steering & shorter turning radius provide higher manoeuvrability. Full hydraulic brake actuation system is provided as standard feature.

BH205E REAR DUMP TRUCK

Gross Power : 2300 HP (1716 kW)

Maximum Payload : 186 MT (205 US ton)



BH205E is engineered with AC Electric Drive system with increased power density, enhanced reliability, greater efficiency and lower maintenance of the Alternator and traction motors. Traction Motors are driven by IGBT module which enables continuously variable speed and near constant horse power at wheels thereby ensuring faster travel speeds under varying operating conditions. Ideally located spacious ROPS cabin with ergonomically designed operator seat and controls and Air condition system offer maximum comfort and operational ease. Orbitrol full time power steering & shorter turning radius provide higher manoeuvrability. Full hydraulic brake actuation system is provided as standard feature.

BE1800E ELECTRIC HYDRAULIC EXCAVATOR:

- 2 x 300 kW induction Motor drive for emission free working environment
- Positive control Hydraulics for optimum use of motor power and reduction in hydraulic loss
- Closed loop swing system with swing priority improves the cycle time and productivity of the machine.
- Aesthetically improved spacious cabin provides fatigue free comforts and excellent all-round visibility to operator.



Contact

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BEUMER GROUP

BEUMER Group is an international manufacturing leader in intralogistics in the fields of conveying, loading, palletising, packaging, sortation and distribution technology including Baggage Handling System.



Our area of activities ranges from systems for bulk material and piece good transport, packaging and palletising technology for food and building materials to solutions for mail-order business, post applications and baggage handling.

Since 1935, BEUMER Group has provided exceptional solutions, helping our customers streamline their operations to maximise productivity and profit. Together with all its subsidiaries, BEUMER Group employs more than 4,000 people and has equipment and systems operating in more than 70 countries worldwide. BEUMER maintains subsidiaries and representatives on all continents to ensure local availability for customer contact and optimum service.

The company's mission statement **"We are looking for the long term success and not the short-term profit"** has proven to be right in the past and remains the company's guideline for the future, allowing for manageable growth in the global marketplace.

Our area of activities ranges from systems for bulk material and piece good transport, packaging and palletising technology for food and building materials to solutions for mail-order business, post applications and baggage handling.

We are a competent global service partner, backed by a worldwide customer support network

OVERLAND BELT CONVEYORS

Open troughed belt conveyors are suitable for conveying material quickly across vast distances through rough terrain. With extremely tight curve radii and large centre distances

FEATURES

- Reliable and efficient – designed for decades
- Ecological with energy regeneration
- Curved single flight conveying systems of 20 km and longer
- Conveying capacity up to 10,000 t/h
- Conveying speeds up to 6.5 m/s
- Small horizontal radii up to 400 m
- Conveying speed: up to 6.5 m/s
- Angles of inclination: up to 20° depending on the material to be conveyed
- Depending on the topographical conditions, conveyors of 20 km and longer are possible



PIPE CONVEYORS

Pipe conveyor prevents losses of bulk material during transport –.

It permits tight curve radii and steep angles of inclination, while doing away with transfer towers.

FEATURES

- Ideal for long distances
- Great flexibility
- Highly economical with low investment costs
- Low-wear construction with a lengthy service life even with highly abrasive materials
- Energy recovery from downhill conveyors
- Centre distance: up to 10 km
- Performance: up to 10,000 t/h
- Angles of inclination: up to 30° depending on the material to be conveyed
- Conveying different materials in upper and lower strands.



BUCKET ELEVATORS

UP AND UP! BUCKET ELEVATORS FOR VERTICAL MATERIAL FLOW

Whether hot or cold, our bucket elevators are the economical solution when it comes to vertical transport of bulk material. As the market leader, we have developed special technical designs for this type of conveying system for several decades now. Therefore, we can offer the perfect configuration for many different applications.



FEATURES

- Vertical transport of fine bulk material and coarse bulk material
- Grain size up to 100 mm
- Product properties ranging from sticky to highly abrasive
- Conveying capacity up to 2,000 m³/h and more
- Conveying capacities up to 1,540 m³/h
- Reduced investment costs
- Long service life of the traction element (chain / belt)
- Low noise emission
- Explosion-proof version possible, e.g. in compliance with ATEX
- Retrofit of existing bucket elevators is possible



BLENDING BEDS FOR BULK MATERIALS

Whether in the open or in covered halls, raw materials in stockpiles with blending bed equipment must be properly mixed and consolidated. This is why the BEUMER spreader reliably builds up the pile so that its cross-section has the largest possible number of layers of identical material. A BEUMER bridge scraper then helps to achieve the maximum homogenisation effect when reclaiming material from the front of the pile.

- Designed for extreme operating temperatures
- Continuously adjustable discharge rate
- Very high feed-in performance
- Sturdy, wear-resistant fittings
- Most appropriate use of space (longitudinal or circular stockpile)
- Maximum possible homogenisation in blending bed



SHIP LOADER

We offer two different systems for ship loading. Coarse bulk materials, such as clinker or lumpy ores, are loaded into bulk carriers via belt conveyor systems and a closed, vertical telescopic tube - for dust free and efficient transport. The loading of powdered goods is handled by fully enclosed loading machines – a remarkably eco-friendly solution.

- Ship loaders with luffing, slewing, telescopic boom and/or shuttle conveyor
- Suitable for open and closed quay galleries or with tripper cars only
- Fixed or rail-mounted
- Types and sizes for each customer-specific quay and loading situations
- Dust-free and environmentally friendly operation
- High compatibility and flexibility
- Automatic dispatch control
- Comprehensive support
- High throughput rates



Contact

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BHAJJANKA ISPAT PVT. LTD.

"We would like to introduce ourselves as BHAJJANKA ISPAT Pvt. Ltd. (BIPL), India, which is a diversified Engineering Company and manufacturer of PU Screen Panels, PU Liner, Belt Scraper, Impact Pad, Hydro cyclones (utilized in the classification of particles in Comminution circuits), PU Rollers, Wheel for Mining, Mineral Processing and Construction Industries. BIPL is the supplier of wear and abrasive resistant PU/ Rubber/ PE solution for Bulk Material Handling, PU/ Rubber with Ceramic



Liner & Slurry Pumps (Lined- Metal, Rubber, PU).

HYDROCYCLONES FOR MINERAL SEPARATION

- Size Range Available- 4" to 30"

Please consult for technical specification

HI PERFORMANCE SLURRY PUMPS

- Size range Available- 3 1/2" to 10 1/8"
- Parts Availability- Hi Chrome/ PU/ Rubber

Please consult for technical specification



FLIP FLOP PANELS

- Size Available-1500 mm-3000 mm Length
- Aperture- As per your Requirement

Please consult for further details

POLYURETHANE DEWATERING PANELS

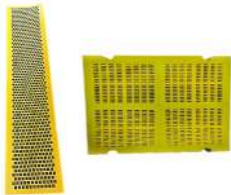
- Sizes Available- 300*300, 600*300,900*300,1200*300
- Aperture-As per your requirement

Please consult for customisation and further details

BELT SCRAPER

- Available Sizes- 500mm-1800 mm belt Width
- MOC-PU, Carbide Tips

Please consult for further details



Contact

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Email: vikashsinghal@bhajjanka.com

Website: www.bhajjankaispatpvtltd.com



CD INDUSTRIES



We are an ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, PED, AD 2000 MERKBLATT W0, EIL & IBR certified organization and have a growing customer base across the globe. Our customer oriented approach has helped us become a trusted name for the supply of forgings and flanges. Our forgings are manufactured according to national as well as international standards using best practices and production techniques.



Contact

Email: pa@cdind.org

Website: www.cdind.org

CHANDERPUR WORKS PVT. LTD.



Manufacturers & exporters of cement plants, mineral processing equipments, fertilizers plants (ssp & npk),fgd projects, biomass gasifiers, coal gasifiers, paper plants, lime plants & material handling equipments.

Our equipment's are well renowned and our prowess to provide the explicit, process associated, robust and cost effective grinding solutions give us the competitive edge over others. Some of our other key products consist of hammer mills, roller crushers, rotary kilns, dryers, drum scrubbers, rotary lump breaker, air classifiers, separators, pressure vessels, heat exchangers, conveyors, screw conveyors, bucket elevators along with heavy & complicated fabrication for the plants.

With complete in-house design manufacturing and inspection & testing facilities and innovation, we provide timely completion of the projects. We use all the latest software like oracle erp system for smooth management work flow and solid works, drive works, auto cad, stad for the design department.

BALL MILLS:

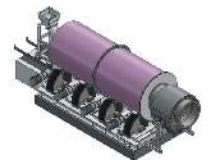
Our Ball Mill is highly advanced and specifically engineered for both wet and dry grinding applications.

- 450+ installations
- Robust & Reliable Design
- Easy Maintenance & Operation
- Fully automated system with PLC control & Instrumentation



CENTRE DRIVE BALL MILL:

Very easy to maintain as it requires no Grease Spray system. The gearbox is 'flanged', meaning it has no direct contact with the mill foundation. So, mill movements have no effect on the gearbox teeth.



DRUM SCRUBBERS:

Rubber Tyre Drive drum scrubbers are a reliable solution for washing contaminated bulk material and industrial materials, and for preparing ores for beneficiation plant in wet process.



ROTARY LUMP BREAKER:

Rotary lump breaker with pneumatic rubber tyre drive are used in technologically advanced "Metal Recovery Plant" in Steel Industry.



ROTARY DRYER:

It is a continuously operated, direct contact Dryer. It consists of a slowly revolving cylindrical shell that is typically inclined to the horizontal a few degrees. The wet material is dried with the help of hot gases that may be generated in an external furnace.

AIR CLASSIFIER:

Classifier is based on the natural laws of centrifugal, gravitational, and flow forces. These principles are used to bring about the classification in elements of different sizes.



Contact

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CONTINENTAL CONVEYING SOLUTIONS



Continental Conveying Solutions

We are the leading expert for conveyor belt solutions offering customers worldwide the most complete and advanced product, technology and service portfolio for industry and mining applications. We support our customers, partners, and distributors with a growing range of value-added services along the entire lifetime of a conveyor belt operation, from planning and commissioning, to technical advice, training, digital monitoring, and on-site maintenance. Our cost-effective, sustainable, safe and innovative conveying solutions reduce downtimes through state-of-the-art monitoring and predictive maintenance. We support mining, construction and plant engineering projects around the world as development partner.

Customers benefit from an experience of more than 140 years in high-performance

Product and Company Profiles of Few of the Exhibitors (continued...)

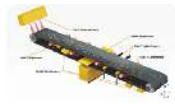
conveyor belts. A network of 1,300 experienced service technicians covers key regions including Africa, Asia, Australia, Europe, North America, and Latin America. With this unique expertise and global footprint, Continental is close to its customers providing not only high-quality, long-life products, but also comprehensive support and service – tailored to customers' specific needs and requirements.



Phoenix conveyor belts become Continental while remaining strongest steel cord belts.

Since January 2021, all products manufactured in Phoenix Conveyor Belt India Pvt. Ltd are marketed under the Continental brand. For customers this means more simplicity, availability and know-how around the globe.

Continental Phoenix Phoenocord, the world's strongest belts. Continental Phoenix Phoenocord conveyor belts are available up to a breaking strength of 10000 N/mm and a width of 3200 mm. Belts can be manufactured in lengths weighing up to an incredible 60 metric tons. With decades of experience and outstanding research and development, Phoenix Phoenocord belts have been proven to handle the most extreme conveyor belt applications.



ContiPipe® and MegaPipe® conveyor belts with fabric and steel cord carcasses can negotiate tight curves. They are the perfect solution for complex infrastructural and geographical terrains, which may have centre distances similar to common long-distance conveyors (10 km and more). With such closed-troughed conveyor belts the environment is reliably protected from the bulk material.

Continental offers a wide range of monitoring systems and monitoring services to take your efficiency to the next level. With damage detection, wear measurements and cover damage mapping, Continental supplies you with important data to help keep your operation up and running.



Continental supplies a wide range of special underground one or two-ply conveyor belts (e.g. standard PVG and PVC belts), one or two-ply fabric belts - CONTITAN®. All these belts are manufactured with self-extinguishing rubber compounds (e.g. Shield family) and meet strict national and international standards for underground conveyor belts.



Continental Eco Series – "Eco Plus or Eco extreme" reduces significantly indentation rolling resistance (IRR) and offers the possibility to minimize your capital expenditure and operation costs. The power consumption can be reduced up to 30 % (depending on the conveyor system).

Continental ContiClean® non-stick solution offers superior material release for everything from coal to iron ore, that helps increase your productivity while reducing operational costs.



Contact

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CRC INDIA MANUFACTURING AND DISTRIBUTORS PVT. LTD.



CRC Industries is a worldwide supplier of chemical products for the industry, automotive and electro segments. The company consists of five operating groups headquartered in the United States, Belgium, the United Kingdom, Australia and South Africa. CRC Industries Europe is ISO 9001 certified. We manufacture and supply cleaners, lubricants, anti-corrosion products, adhesives, welding products, additives, moulding products and other specialty products...all for the European, African and Middle East areas.

We guarantee high quality products by following strict guidelines in all facets of research, development and production. We try to meet today's most stringent environmental and safety standards. Furthermore CRC develops new products and continues to adapt existing products to meet the needs of our customers.

5-56

Multi-Purpose Service Spray used for penetration, displacing moisture, loosens rusted parts, lubrication & protects metal parts against rust & corrosion

INDUSTRIAL DEGREASER

Fast drying cleaner & degreaser for mechanical equipment. For use in Food processing & Non-Food processing areas. NSF class K1 registered. Non-Corrosive.

BELT GRIP

Prevents slippage on Flat, Round and V-belts. Adhere strongly & reduces squeaking noise. NSF class H1 registered.

URETHANE ISOLATION

Air drying conformal urethane insulation coating for electrical/electronic equipment, motor windings, battery terminals, solenoids etc. It seals out water and moisture and acts as a barrier for contaminants.

CHAIN LUBE

Foaming lubricant, containing PTFE works as an excellent lubricant for driving and transport chains. Highly resistant to splash water and prevents corrosion to occur. For use in Food processing equipment. NSF H1 registered.

SP-400

A Long-term, outdoor and indoor corrosion inhibitor for machined surfaces and assemblies subjected to long period of storage or corrosion protection during overseas transport.



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DANA INDIA PVT. LTD.



Dana is a global leader in drivetrain and e-Propulsion systems

We engineer, manufacture, and distribute power-conveyance and energy-management solutions for the vehicles of today and tomorrow.

Dana is a leader in the design and manufacture of highly efficient propulsion and energy-management solutions for all mobility markets across the globe. The company's conventional and clean-energy solutions support nearly every vehicle manufacturer with drive and motion systems; electrodynamic technologies, including software and controls; and thermal, sealing, and digital solutions.

Based in Maumee, Ohio, USA, the company reported sales of \$7.1 billion in 2020 with 38,000 associates in 33 countries across six continents. Founded in 1904, Dana was named one of "America's Most Responsible Companies 2021" by Newsweek for its emphasis on sustainability and social responsibility. The company is driven by a high-performance culture that focuses on its people, which has earned it global recognition as a top employer, including "World's Best Employer" from Forbes magazine

Dana Industrial

Dana's industrial business is uniquely positioned to support customers in specialized market sectors with power-transmission and fluid power technologies that deliver reliability, efficiency, and performance.

We offer both standard and customized product solutions for the following Industrial products:

Brevini® gearboxes, winches, and hydraulic solutions

PIV™ extruder drives

GWB™ industrial driveshafts and

Fairfield® custom gearing and gearboxes

Brevini® Planetary Gearboxes

Industrial Series – Gamma Base Series

Torques from 300 Nm to 35,000 Nm

Key Features

- Coaxial versions with up to 4 gear stages for ratios from 1:3 to 1:3000
- Right angle versions with up to 4 gear stages for ratios from 1:10 to 1:3000



Product and Company Profiles of Few of the Exhibitors (continued...)

- Output versions: flanged gearbox with female shaft, or shaft mounted with shrink disk or direct coupling; flanged gearbox with male shaft; foot mounted version.
- Input versions with high-speed shaft, provision for electric and hydraulic motors, and multiple disc brake options.
- Ultra-Short Delivery time



Advantages

- Complete range of Modular Design
- High performance with low cost and compact size, excellent reliability, simple installation, and reduced maintenance
- Long life and silent running in all sorts of applications

Applications

- Mining – Bucket Wheel Drive, Elevator, Conveying Applications, Apron Feeders, Roller Press
- Cement – Bucket Wheel Drive
- Mixers & Agitators
- Process Industry Equipment's

Brevini® Planetary Gearboxes

High Torque S Series

Torques from 530,000 Nm to 2,170,000 Nm

Key Features

- High Torque with minimum dimensions
- More Efficient
- Quite running
- More compact as compared to helical gearbox
- Offers a better price/performance ratio



Advantages

- Premium Quality
- Highest Reliability
- Long Working life
- Achieve high reduction ratios

Applications

- Mining - Stacker Reclaimers, Roller Presses, Conveyors, Crushers, Drill Rigs
- Steel – Calenders, Bending Machines, Straighteners, Down Coilers
- Cement – Roller Presses
- Sugar – Crystallizers – Clarifiers, Mill Drives, Juice Clarifiers
- Bulk Material Handling – Ship Loader/Unloaders, Stacker Reclaimers, Roller Presses

Brevini® Planetary Gearboxes

Slewing Drives Series

Torques from 3,400 Nm to 100,000 Nm

Key Features

- Specifically designed for pinion & slewing ring drives
- Used for requirement of Accurate Positioning
- Wide range of reduction ratios
- Extended Quality assurance policies obtaining the prestigious Type Approval Certificate from Det Norske Veritas for RPR, SLS and TCS product families
- High Performance



Advantages

- Wide range of slewing pinions and modular concepts for mobile, trucked and construction cranes, harbour and onboard cranes, aerial platforms, and utility vehicles
- New compact and robust design allows reliable application even at extreme low temperature
- The design of the planetary units optimizes torque performance and radial load capacity
- Give perfect meshing between pinion and ring gear



Applications

- Mining - Stacker Reclaimers
- Bulk Material Handling – Deck Cranes, Excavators, Tower cranes
- Marine - Shipboard and harbour cranes, Wind generators, Steering drive on ship propulsion systems

Brevini® Helical-Bevel Helical Gearboxes

Torques up to 50,000 Nm

Key Features

- Full harmonized series to meet market needs
- 5 new Gearbox sizes for an optimized torque distribution
- Best-in-class torque density
- Reducing weight and noise
- High efficiency and low power consumption
- Different accessories to fit all industrial applications
- Improve serviceability



Advantages

- An "intelligent" transmission concept
- Short delivery times due to a high degree of standardization
- Cost-efficient gear selection for every application due to better torque distribution between sizes
- High product quality resulting from a more robust construction
- Greater product flexibility enables a wide range of uses
- Custom-made production based on a modular system.

Applications

- Mining - Stacker Reclaimers, Wheel Drives
- Bulk Material Handling – Conveyor Drives, Cranes, Overhead Gantry Cranes
- Steel – Calenders, Roller Drives
- Cement – Ball Mill, Rod Mill, Vertical Mill
- And variety of other segments

Brevini® Compact Plano-Helical Drives

PH - BPH Series

Torques from 230 Nm to 36,600 Nm

Key Features

- Modular design with verity of ratio available
- Compact design for shaft mounting, with monolithic casing in nodular cast iron
- Many input options and couplings available
- Many accessories available, both standard and tailor-made
- High efficiency due to the high quality of gearing and bearing choices



Advantages

- Compact size, reliability, and easy maintenance
- Lighter, more compact gear reducers surpass traditional solutions
- Shorter Production times & lower production costs
- More Applicative.
- More Economical



Applications

- Mining - Stacker Reclaimers
- Bulk Material Handling – Conveyor Drives, Speciality Cranes
- Steel – Straighteners
- Cement & Construction – Conveyors

Brevini® Winches

Hoisting and Recovery Winches

Brevini® BWE series Winch

Ranging from 3,600 to 30,000 kg



Key Features

- Ideal solution for all lifting applications:
- A hydraulic motor-driven unit with variable displacement can also be installed on larger versions
- All hoisting winches can be equipped with a second safety brake that allows them to be used as personnel lifting winches



Advantages

- Smooth Control
- More Customization options
- Safe operations in a robust modular design
- A complete range of accessories, such as rope guides and pressure rollers, are available on request.

Applications

- Mining - Stacker Reclaimers
- Bulk Material Handling – Deck Cranes, Cable Laying Vessel, Harbour Cranes, Wind Service Cranes

Brevini Gearmotors

Range up to 18,000 Nm

Key Features

- D Series - Parallel Shaft Series
- V Series - Parallel Shaft Helical Gearmotors
- M Series – Helical Inline Gearmotors
- K Series – K Series Gearmotors



Advantages

- Easy adaptability
- Cater wider span of Industrial applications
- Single housing preference
- Wide variety of series
- Suitable for light duty applications

Applications

- Mining – Smaller conveyors, crusher
- Bulk Material Handling – Conveyor Drives, Cranes, Overhead Gantry Cranes, Portable Conveyors etc.
- Steel – Roller Drives
- Cement – Crushers, Conveyors, Elevators, Packaging
- Food & Beverages – Packaging, Conveyors
- Pharma – Agitators, Conveyors
- And variety of other segment

Dana Industrial Cardan Shafts

Series 587

Torque Range TCS - From 43 to 57,000 Nm

Flange diameter - From 225mm to 285mm



Series 390

Torque Range TCS - From 60 to 255,000 Nm

Flange diameter - From 285mm to 435mm

Key Features – Series 587

- Closed bearing eyes
- Compact design
- Low maintenance
- Splines coated with lubricating varnish (587.50 – plastic-coated)
- Operating angle up to 24°



Key Features – Series 390

- Maximum bearing life in confined spaces

- Split bearing eyes with toothed bearing cap
- Compact design
- Optimized roller bearing
- Length compensation coated with lubricating varnish
- Operating angle up to 15°

Applications – Series 587

- Railway vehicles
- Rolling mill plants
- Marine drives
- General machinery construction plants

Applications – Series 390

- Railway vehicles
- Marine drives
- Crane systems
- Paper machine
- General machinery construction plants

Dana Brevini® PIV Drives

Single Screws Extruder Drives

Double Screw Extruder Drives

Injection Moulding Drives

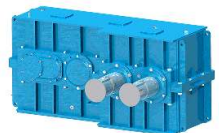
Posired 2 Gears for Rubber Drives

Variators

Torque Ranging up to 720,000 Nm on request

Key Features

- Highest torques, determinable on customer request and market
- Optimized efficiency for reduced CO2 emissions
- High efficiency (98%) thanks to optimized gearing geometry and oil level
- Low Noise
- High quality housing
- ATEX certification on demand
- Standardized lubrication system



Advantages

- Outstanding quality
- Optimized price-performance ratio
- Highest reliability and maximum maintenance intervals
- High adaptability and flexibility through modular and functional design
- Highest demands on speed, synchrony, and precision
- Extreme vibration-free and smooth running for the highest quality
- Gearbox design according to DIN, ISO and AGMA

Applications

- Plastic & Rubber – Rubber Extrusion, Foam Extrusion, Blow Film Machines, Flat Film Machines, Injection Molding Machines, Compounding, Blow Modling

Dana Brevini Motion Systems – Fluid Power

Dana Brevini Motion Systems is the hydraulic division of Dana Off-Highway Motion and Drive Technologies and is the result of the acquisition by Dana of the Brevini Fluid Power business. Brevini Fluid Power was established in 2003 through the merger of several companies active in the hydraulic sector for over 40 years.



Contact

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Website: www.dana-industrial.com

DERRICK CORPORATION



Derrick is a family-owned and operated company with a global presence focused on pioneering fine-separation technology. For nearly 70 years, Derrick® Corporation has been leading the industry in the design and manufacture of patented high-frequency vibratory screening machines and screen surfaces. With a pioneering spirit driving innovative solutions, Derrick is continuously in the forefront advancing the field of fine particle and solid-liquid separation technology. Known worldwide for their high-capacity and superior separation efficiency, Derrick products allow processors to screen a wide variety of wet or dry fine materials in the range of 6.2 mm to 38 µm.

In 2019, Derrick redefined high capacity, high efficiency, fine particle wet screening with the introduction of the SuperStack®. With 8 decks operating in parallel and innovative Front-to-Back (FTB) tensioning system, the SuperStack has a demonstrated capacity up to 3 times that of the best fine screens currently available. All of this added capacity comes with only a slight increase in the space required per machine, significantly reducing the total capital and installation cost as well as OPEX for any screening installation.

Derrick's global family – comprised of employees, sales representatives, and distributors – are strategically positioned worldwide to provide superior service and technical support.

SUPER STACK®:

Derrick Corporation has once again redefined high capacity, high efficiency, fine particle wet screening with the introduction of the SuperStack®. With 8 decks operating in parallel and innovative Front-to-Back (FTB) tensioning system, the SuperStack has a demonstrated capacity up to 3 times that of the best fine screens currently available. All of this added capacity comes with only a slight increase in the space required per machine, significantly reducing the total capital and installation cost as well as OPEX for any screening installation.



STACK SIZER®:

The Derrick Stack Sizer® redefines fine particle wet screening, offering high capacity and exceptional efficiency in minimal space. Consisting of up to five individual screen decks positioned one above the other and operating in parallel, the Stack Sizer provides a unique combination of high capacity and efficiency that sets the Stack Sizer far above the nearest competition. Operators worldwide are using the Stack Sizer in a wide variety of applications and capitalizing on the numerous benefits of these remarkable machines to earn significant returns.



REPULP SCREEN:

The Derrick Repulp Wet Sizing Screen is the solution for difficult to screen materials that require the Oversize product fraction to meet tight quality specifications. The Repulp machine's high speed, low amplitude motion coupled with its countercurrent spray wash water system effectively removes fine particles. It has a long history of producing high value products for numerous industrial mineral and precious metal industries. Numerous machines can be found worldwide screening silica sand, feldspar, coal, iron ore, gold ore and many other materials.



LINEAR MOTION MACHINES:

Derrick Linear Motion machines have a long history of performing in trash screening and wet scalping applications. When fitted with high g-force Derrick vibrators and fed thickened slurry, typically from hydrocyclone underflow, the Linear Motion machines perform a dewatering function that enhances the removal of free liquid from the oversize solids. Derrick Fines Recovery Systems utilize this combination of small diameter hydrocyclones and Linear Motion machines to recover and dewater solids as fine as 325 mesh (45 microns). Numerous systems can be found operating in sand, aggregate, coal, concrete, graphite dewatering applications worldwide.



MULTI-DECK DRY SIZER:

Derrick's newly developed Multi-Deck Dry Screen is the high capacity, highly efficient dry fine screening machine in the world. Consisting of up to four decks, the Multi-Deck screening machine – with linear motion action produced by dual SG3 high speed low amplitude vibratory motors – and with Derrick's high open area, non-blinding dry urethane screen surface technology, which is available in the size range from 5.3 mm down to 104 micron, has redefined the concept of dry fine screening. With ever-growing demand of high capacity and efficient dry screen, Multi-Deck Screening machine, coupled with highly innovative Polyweb screen technology will be the wave of the future for fine dry screens.



POLYWEB® SCREENS:

The development of fine mesh, high open area, urethane screen surfaces is perhaps one of Derrick's most notable contributions to the science of fine particle separations for both wet and dry applications. While all urethane screen panels are well known for their abrasion resistance, only Derrick Polyweb® screens combine long life with high open area, capacity, and performance rivaling that of conventional woven wire screens. It's not uncommon for Derrick urethane screens to last 6 to 12 months – 10 to 15 times longer than conventional woven wire panels. They are also lightweight and easy to install. With openings as fine as 325 mesh (45 µm) and open areas ranging from 30 to 40 percent. Processing plants throughout the world have demonstrated significant cost savings through the use of Polyweb screens.



Contact

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DYNAMIC OIL INDIA PVT. LTD.



Dinamic Oil India Pvt. Ltd. is a 100% subsidiary of Dinamic Oil S.p.A, Italy. Established in India in the year 2008 closer to the capital of the country (Near Delhi) to cater to the needs of the Indian subcontinent, as well as exporting to different countries. We have offices in key locations across the country & state of art manufacturing facility to meet the market needs.

The India Operations can deliver complete solutions from design to execution while supporting customers in the product definition, selection and design.

Dinamic Oil S.p.A, was established in year 1970 and after more than 45 years it constantly improved by research and development and grew by expanding its operations globally. With extensive sales & distributor network across the globe, it is a recognized leading company for the Planetary Gearboxes & Hoisting Solutions market.

Dinamic Oil, with headquarters in Modena, has consolidated its position on the international market, where it now has three production units, 8 subsidiaries in Europe, the Americas and Asia and an extensive network of distributors around the world.

We have adopted a "flexible thinking" approach that allows us to offer standard solutions as well as customized solutions dedicated to several markets.

Hydraulic Hoisting Winch

The standard range covers from 500 kg to 30 Tons line pull.

Customized winches can be produced according to specific requirements e.g. (manriding, double cable drum, special grooved drum, customized dimensions). The standard range covers from 500 kg to 30 Tons line pull. Winches are equipped with orbit motors or axial piston motors, negative multi disc brake and a variety of accessories are available e.g.: tension rollers, third wrap indicators, load sensing, grooved drums, level-winds, absolute encoders. Medium Marine Grade Painting is standard on all winches. Customized winches can be produced according to specific requirements e.g. (manriding, double cable drum, special grooved drum, customized dimensions).



Slewing Gearboxes

This standard range covers from 3.000 Nm to 160.000 Nm nominal torque, however special solutions are available for torque values up to 2.000.000 Nm.

The gearboxes have a compact design and a strong output support suitable for applications with high radial loads. Each model can be supplied with pinion shaft or male shafts (splined or cylindrical). Amongst the many accessories available static brakes can be fitted in a low opening pressure version (suitable for closed loop circuit) or in a dry version (suitable for high speed motor).



Track drives

This range covers from 80.000 to 900.000 Nm of maximum torque, equivalent to machine weights of 30 – 300 Tons (excavator) or 100 – 450 Tons (crawler cranes). The models are designed with ground gears and steel case and carriers in order to be the best solution for the most demanding applications. The modularity of the stage composition allows an extended range of ratios. These features make the EH series particularly suitable for alternative applications such as wheels drives, winch drives and marine pipe layer drives.



Wheel drives

This small range covers from 800 Nm to 3.500 Nm maximum torque. The models are suitable for track drives and for wheel drives applications because of the relatively high load supported by the bearings (8.000 kg in the EH models). Several accessories are available (including static brake, disengagement system, control valves).



Tower Crane Winch

This range shows some examples of electrically driven winches designed for tower crane applications. Each lifting or pulling drive is developed according to the customer's specifications. The series is characterized by high performance relative to the compact dimensions.



Hydraulic Pulling Winch

This range covers from 1000 kg to 30 tons of line pull. The design incorporates three independent elements (hydraulic motor, static brake and planetary gearbox), to provide maximum reliability and ease of maintenance.



Planetary Winch Drives

This range covers from 26.000 Nm to 195.000 Nm nominal torque. The design is optimized for the heaviest applications in drilling, mobile and marine markets. Product certificates are available on demand (DNV, ABS, LR, GL and other major classification societies).



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DYNASET OY



Dynaset hydraulic equipment converts the hydraulic power of mobile machinery into electricity, high pressure water, compressed air, magnet power, vibration and power boosting. Dynaset technology increases the productivity of mobile machinery from small vehicles to heavy machines by adding new functions with hydraulic equipment.

DYNASET HPW pump converts the hydraulic oil flow of a base machine into high pressure water. HPW pumps are used for pumping water and other fluids depending on a model. The power of the pump is defined by flow rate and pressure. Actuating power is supplied from the hydraulic system of the base machine or other hydraulic installation. Pumping fluid can be taken from reservoir or pressurized supply network. Water can also be taken from natural source such as lake or river.



DYNASET HDF pump converts the hydraulic oil flow of a base machine into pumping power. HDF pumps are used for pumping drilling fluids. The power of the pump is defined by flow rate and pressure. Actuating power is supplied from the hydraulic system of the base machine or other hydraulic installation. Pumping fluid can be taken from reservoir or pressurized supply network.



HG hydraulic generators are compact and integrated all-in-one units, especially designed for mobile installations. The generators use hydraulic power source to operate and produce high quality electricity. The generators can be used to power a wide variety of tools, appliances and electric machinery about the Product in maximum 100 words



HKR compressors are compact and integrated all-in-one units, especially designed for mobile installation. The only power source needed is a hydraulic system of base machine which provides compressor the required hydraulic flow and pressure. HKR compressor converts the hydraulic power into high quality compressed air and it can be installed in almost any working machine. HKR compressors are used to power for example pneumatic tools, filling tires, air flushing, purge air protection equipments, cleaning equipments and CAFS foam generation.



Dynaset HSP hydraulic submersible pumps are designed for fast and efficient pumping of water and other liquids. The volute and impeller of the HSP pump are made of wear-resistant material which makes it a perfect choice for pumping liquids containing impurities and solids DYNASET submersible pumps can be used in municipal services, civil engineering, industry, agriculture, off shore etc.



Hydraulic expansion unit HEU 320-40-E is designed for reliable and controlled expansion of rock-bolts. HEU is a compact unit assembled on a steel chassis being comprised of a pressure converter with all necessary components and instrumentation. HEU unit can be installed to any mining machine and operated whether from a platform or from ground. Completed with an expansion gun and water hose of proper length and pressure class, HEU unit assures effective carrying out of any bolting project.



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ELESA AND GANTER INDIA PVT. LTD.



ELESA+GANTER is a worldwide sales joint-venture set-up to offer the widest product range of standard machine elements for the mechanical industry. Highly reliable products ensuring perfect functionality with a unique design represents the ELESA+GANTER distinctive quality code.

The combination of ELESA know-how in design and manufacturing of engineering plastics with GANTER expertise and precision in metal parts makes ELESA+GANTER a unique range.

ELESA+GANTER subsidiaries offer a pool of specialised engineers, constantly in contact with R&D departments at both the parent companies in Italy and Germany, to develop special executions or new technical solutions meeting customers' specific requirements.

Stock availability on site ensures local customers receive standard elements with reduced delivery times whilst providing timely and reliable answers.

Over 80,000 product codes distributed in more than 70 industrialised countries with local presence and the highest technical consultancy.

- Technological background of the two established mother companies
- Innovation in combination with decades of experience
- Unique design
- Optimised and widest product range of standard machine elements, driven by the market
- Worldwide distribution network
- Full stock availability with fastest delivery times
- Customised solutions
- Perfect service including technical assistance

Elesa+Ganter offers the widest range of standard machine elements. The combination of ELESA know-how in design and manufacturing of engineering plastics with GANTER expertise and precision in metal parts makes ELESA+GANTER a unique range. Over 80,000 product codes distributed in more than 70 industrialised countries with local presence and the highest technical consultancy. The wide assortment of standard machine elements grows constantly through the development of new products - quality and service guaranteed.



Contact

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EMG AUTOMATION INDIA PVT. LTD.



As an independent manufacturer of electromechanical and electrohydraulic drive solutions, EMG offers many additional products for a wide variety applications. Whether it's for explosion-protected sectors, high-voltage areas below ground, actuation systems in wind power stations, conveyance technology and lock equipment, the energy-optimised actuation of truck loading platforms, or for use on cable railways: EMG is prepared for the challenge.

The various series models from our ELDRO® and ELHY® brands come into their own in "limitless" areas of application.

ELDRO® has been a registered trademark since the early 1930s.

The BRAKEMATIC control solution, an electronic control unit with variable parameter settings to create regulated brake torque profiles, rounds off the product range for drive solutions.

Typical areas of application for our products and solutions include:

- Lifting and conveying technology
- Ports and cranes
- Steel and metallurgy

Our customers are always the focal point of our activities. We support their success and satisfaction through state-of-the-art and flexible applications, together with highly competent advice and a service that is tailored to suit each customer.

Thanks to our many years of experience, we are able to make a contribution to the competitiveness of our customers through continuous and consistent new and further developments on the basis of innovative production technologies and high quality demands.

We aim to impress our customers, employees and proprietors with an outstanding level of service, as well as cooperation that is based on trust and partnership.

EMG Automation GmbH tied-up with LASE GmbH for the distribution and service of LASE products globally and in India for bulk ports, mining and metal industry.

LASE is a worldwide leading company for laser-based sensor applications in the field of industrial automation. LASE offers innovative and productive solutions by combining state-of-the-art laser technology with sophisticated application software. The wide range of precise and reliable 1D, 2D and 3D laser systems can be used for numerous industrial applications and helps our customers to improve processes or to increase safety.

Efficient handling of Raw material equipment becomes more important and due to the permanently competitive markets our laser-based products and software solutions help to enhance efficiency, productivity as well as safety. The increasing level of automation in Raw Material Handling system and a high demand in risk reduction are the main challenges for plant operations worldwide.

In this area, laser-based systems help to detect, measure and prevent collisions, which are designed for objects and machines like Stacker Reclaimer machine, cranes, containers, transport vehicles, crane booms, Stacker Reclaimer booms and further equipment. It also measures volumes of bulk materials in help , in trucks and on conveyers with 3D laser technology.

ELDRO® Explosion-proof series

Areas of application

Gases, vapours, fumes and dust are generated or escape during the production, processing, transport and storage of combustible substances in many industrial sectors. When combined with oxygen, an explosive atmosphere can develop. If this ignites, it can result in explosions and cause serious personal injury and material damage. The sectors concerned include, for example, the chemical and petrochemical industries, pharmaceuticals, oil and gas production, mining, as well as the food industry, the biofuel industry and the wastewater sector.

Explosion-protected ELDRO® devices are ideal for these areas of application. They comply with current regulations and standards and can be used in a variety of ways.

Hazardous area:

- I M2 (Mining)
- II 2G for zone 1 and 2 (above ground)
- II 2D for zone 21 and 22 (above ground)

Certificate of conformity:

- ATEX - BVS 05 ATEX E 074 X
- IECEx - IECEx BVS 12.0014X
- TP TC - RU C-DE.ГТ04.Г.00477

The application LaseBVB - Bulk Volume Bunker is a three-dimensional measurement system especially for measurements in bunker storages.

The application has a high versatility and can be used for volume and profile measurements in several types of bunker storages. This specific software product derives from the product line CEWS Bulk Volume Module.



APPLICATIONS & FEATURES:

- Highly accurate bunker volume and profile measurement
- Bunker measurement for inventory purposes
- Enables full process optimisation
- Applicable in bulk storages/bunkers like cement clinkers, power plants or incinerators
- Ensures automated pick and drop of bulk material
- 3D visualisation of measurement data

CUSTOMER BENEFITS:

- Optimisation of material distribution and dispatching
- Reduced effort through continuous inventory
- Usable as calculation basis with regular status reports
- Improved computer-aided quality assurance



The application LaseBVC - Bulk Volume Conveyor is a highly precise two-dimensional measurement system especially developed for the measurement of materials on conveyor belt systems.

Because of its robust design this system allows a reliable operation even at raw environmental conditions. This specific software product derives from the product line CEWS Bulk Volume Module.

APPLICATIONS AND FEATURES:

- Contactless 2D volume and mass flow measurement
- Simultaneous operation of up to four systems/conveyors
- Integrated monitoring and data analysis
- Sum counter for volume and mass flow rate
- Measurement of belt position movements

CUSTOMER BENEFITS:

- Exact volume determination by high-resolution laser scanners
- Maximising conveyor throughput
- Simple installation on mounting frame
- Reduced maintenance costs
- Increased service life of the conveyor



The application LaseBVH - Bulk Volume Measurement is a highly precise three-dimensional measurement system especially developed for measurements in heaps or piles.

The application has a high versatility and can be used for volume and profile measurements in several types of heaps and piles. This specific software product derives from the product line CEWS Bulk Volume Module.

APPLICATIONS & FEATURES:

- Exact 3D stockpile profile and volume measurement system
- Enables fully automated stacker/reclaimer operation
- Identification of stockpile setup within inventory
- Optimised operating distance of bucket wheel and stockpile
- Real-time scan model of the stockyard

CUSTOMER BENEFITS:

- Exact volume and profile measurement
- Continuous and reliable inventory
- Total bulk material monitoring and management
- Enhanced productivity through efficient scan runs
- Facilitates material management
- Increases safety by optional collision prevention system



The application LaseTVM - Truck Volume Measurement is a highly precise 2D-/3D laser measurement system especially for measurement of truck loading volumes.

The application has a high versatility and can be used for volume and profile measurements of all different materials - such as stones, sand, ore or even wood chips - also in rough environments.

APPLICATIONS & FEATURES:

- Automatic payload measurement
- No queuing by fast measurement process
- Easy and fast installation
- Elimination of faulty weight measurements by humidity within conversion (up to

20% of the volume)

- Exclusion of weight and volume manipulations
- Highly exact laser measuring system (accuracy approx. 2%)
- Instant volume acquisition without conversion factors

ADDITIONAL OPTIONS:

- RFID truck identification
- OCR truck identification
- HD camera for load pictures



The application LaseBTL - Bulk Train Loading-station is a solution applied for the fully automated emptiness and filling level control as well as positioning.

This application has a high versatility and can be used for volume and profile measurements of all different materials - such as stones, sand, ore or coal - which are transported on wagons by train.

APPLICATIONS & FEATURES:

- Ensures fully automated train loading processes
- Wagon size, position and speed determination
- Emptiness control and height measurement
- Filling level control (during and after loading process)
- Wagon ID recognition (optionally)



CUSTOMER BENEFITS:

- Exact volume and position measurement
- Reliable results through state-of-the-art laser technology
- Time-efficient and non-stop loading process
- Spillage control detects waste of material (optionally)
- Rugged design ensures operation in harsh environments

Contact

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ENGINEERING APPLIANCES



We are a leading engineering company specialized in different types of mineral processing technology, like iron ore beneficiation, Quartz & Silica Sand processing plant, Iron ore pellet Plant.

We are an authorized representative in India for sales and service for

- Beijing Screen Technology Co., Ltd. (Landsky)
- SLon Magnetic Separator Limited.

Beijing Screen Technology Co., Ltd. (Landsky) is a leading manufacturer of the vibrating screen; Multi deck high frequency vibrating screen, Polyurethane screen mesh & screen spares parts. Its tracks cover lots of countries and regions, including Australia, China, Germany, Russia, Congo, Indonesia, India, Bolivia, Peru, South Africa and etc.

SLon Magnetic Separator Limited is a leading manufacturer of High Gradient Magnetic Separator; SLon has been the largest supplier of magnetic separation equipment in the industry. Its tracks cover more than 20 countries and regions, including America, Canada, Brazil, Peru, Russia, Korea, India, Iran, Thailand, Philippines, Australia, Sierra Leone and so on

SLon - ROTARY SCREEN

Suitable for screening of coarse particles and grass chips and other impurities, not only can be used as SLon VPHGMS slag removal equipment to prevent matrix from blocking, but also can be used for other need to remove coarse slag.



SLon - WET HIGH INTENSITY MAGNETIC SEPARATOR (WHIMS)

It's suitable for mining process for weak magnetic minerals, such as oxidized iron ore, titanite iron ore, hematite, limonite, siderite, ilmenite, chromite, manganese ore, wolframite, tantalum-niobium ores and



etc.; deironing for non-metallic minerals, such as feldspar, quartz sand, kaolin, nepheline, fluorite, sillimanite, spodumene, barytes, andalusite, talc, zircon, bentonite, magnesite and etc.; recycle of secondary resource, such as red mud, smelting slags, gas ash, fly ash, slag and etc..

SLon - HIGH EXTRACTION MAGNETIC FILTER (HEMF)

High Extraction Magnetic Filter(HEMF) is suitable use for processing fine particle materials, especially purification of the non-metal mineral, remove magnetic particle(iron ore, Titanite iron ore), such as feldspar, quartz, kaolin, nepheline, fluorite, etc..



Currently, it is widely supply for feldspar, quartz, and kaolin(China Clay) washing plant, which mainly removes iron ore and improves both product whiteness and quality.

SLon - BELT TYPE MAGNETIC SEPARATOR

It's suitable for iron removal and purification of non-metallic minerals such as quartz sand, potash feldspar, nepheline and kaolin, and also for magnetic product separation and recovery of metallic minerals such as hematite, limonite, manganese ore, wolfram, tantalum and niobium.



SLon - WET DRUM MAGNETIC SEPARATOR(LIMS)

Wet drum magnetic separator aka low intensity magnetic separator(LIMS) is widely used in mines and coal separating factories to separate the wet fine magnetic substances or remove the magnetic substances from the non-magnetic materials. SLon LIMS is suitable for processing magnetite, pyrrhotite, magnetite, titanium magnetite, calcined ore and other materials, as well as the iron removal and purification of feldspar, quartz sand, kaolin and other non-metallic minerals.



SLon - X-RAY SORTING

With the time goes on, informatization and intelligentalize have been the trend of our society. Mining industry is no exception. SLon has always been dedicated to the research of mineral separation, who has never ceased to advance. It has introduced artificial intelligence into the machines and developed X-ray Sorting. X-ray Sorting frees our hands and makes mineral separation smarter, which is widely applicable to the pre-treatment and tail-casting process of tungsten, antimony, tin ore, lead-zinc, copper, feldspar, quartz and so on.



SLon - DRY DRUM MAGNETIC SEPARATOR

Suitable for processing hematite, limonite, mirror iron ore, chromite, manganese ore, wolframite and other weak magnetic minerals in the tailing discarding stage; Remove harmful magnetic impurities from different products.



SLon - CENTRIFUGAL SEPARATOR

SLon centrifuge produces a strong centrifugal force when rotating at high speed, so that the fine minerals can be recovered more effectively. The emergence of the centrifuge successfully solves the problem of the full recovery of the fine minerals. Therefore, it is widely used to recover the mineral mud such as tungsten, tin and iron.



Landsky - High frequency Vibrating Screen

The vibrating screens are normally used for separating fine particle minerals into various sizes for further processing after mill. It incorporates the vibrating motors, screen boxes, screen meshes, springs and etc. We can design and supply different ranges of vibrating screens according to the capacity and requirement.



Landsky - Linear Vibrating Screen

Landsky Industrial has been focusing on research, development and manufacture of vibrating and classifying equipment for mineral industry. In accordance with design of maintenance-free, high reliability and high vibrating strength, LKLB series are integrated with advanced screening technology and manufacturing process from Germany, and suitable for all kinds of harsh conditions in fields such as metallurgy, coal, nonferrous metal, construction material, chemical industry and so on. The service life of main parts can be over then years., and the screen width can be up to 6.1 meters.



Landsky - Banana Screen

Landsky banana screens, in combination with Germany advanced design, processing and testing technology, are in line with principle of uniform thickness on deck and adopted



design of continuous surface with multiple inclination angle. Screen is equipped imported box exciters from Germany with high stability, large capacity and long service life, which will be installed and commissioned by German technicians on-site. Landsky Banana screens, including single deck and double decks, are widely used in classification, dewatering and desliming, medium removal in areas like coal, metallurgy, chemical industry and etc.

Landsky - Hydrocyclone

The hydrocyclone is a classification device that uses centrifugal force to accelerate the settlement of ore particles, therefore, the power consumption is large. The advantage is that it takes small space with large treatment quantity and high classification efficiency. A very fine overflow product can be obtained, thus it is very cost-effective. It is normally used in the second section of closed circuit grinding as a classification equipment.



Landsky – PU Mesh

Landsky PU mesh is widely used in stack screens for fine particles screening. The available aperture is including: 0.063mm, 0.075mm, 0.10mm, 0.12mm, 0.15mm, 0.18mm, 0.20mm, 0.23mm, 0.25mm, 0.30mm, 0.35mm, 0.40mm, 0.50mm, 0.60mm, 0.70mm, 0.80mm, 1.00mm, 1.20mm, 1.50mm. Popular dimension of the mesh is 700x1045mm



Landsky-Dewatering Screen

LKLM linear screen is mainly used for dewatering, desliming and screening processes. The side plate is designed with no welded seam structure and is assembled by HUCK rivet hydraulic tensioning to ensure its rigidity and stress-free residual and prevent the side plate from deforming and cracking.



Landsky-Trash removal screen

This screen is mainly used to remove the trash and impurity materials in the mining slurry which can protect other machines like magnetic separator and flotation machine. It's also widely used in nonferrous mines like copper mine and gold mine. The biggest capacity can up to 1200m³/h.



Landsky - Slurry Distributor

A slurry distributor is reasonably designed for the sites where multiple screens or multi-stack screen installed. The best slurry distributor splits slurry flow into every stream evenly based on quality, weight, density and size distribution. A typical five hole distributor is designed with two cylinders, inner cylinder and outer cylinder, and five chamber are divided between the inner and outer cylinder. The slurry flow is fed into inner cylinder and evenly distributed into chamber. The inside surface of slurry distributor can be lined both wear-resistant rubber and polyurethane wear parts. The plug valves is designed to stop slurry of one or multiple streams.



Contact

Email: info@engineeringappliance.com
Website: www.engineeringappliance.com

EVO BEARINGS – INDIA BEARINGS AND MILL STORES

EVO BEARINGS – INDIA BEARINGS AND MILL STORES We are into bearings since 3 generations, more than 50 years, having 32 outlets across India. Apart from bearings we deal in transmission chains and conveyor chains, V belts and conveyor belts, oil seal and rubber related items and crusher spares.



Our brand : EVO bearings, belts, chains, crushers (German technology) (customised in India)

Distributor : KYK Japan bearings, Renold Chains and sprockets, JK Fenner ECO-drive Plus, Maxspares, Toyopower, JK Fenner - Pioneer oil seals and belts and spares.

Stockists : SKF, FAG, INA, Schaeffler, NBC, Nachi, NTN, Koyo, RHP, EVO, KHK, FDK, RHB.

EVO bearings is a technology adapted by German. It matches and qualifies with all the factors of specification that soothe the life of the machine. Quality of EVO is the first priority. We believe in quality and services.



Fulfilling all the ranges of bearings - ball bearings, taper roller bearings, cylindrical roller bearings, spherical roller bearings, thrust roller bearings, linear motion bearings. Apart from bearings we are also into V belts, transmission chain, conveyor belts, and crusher spares. We have fulfilled certain non-standard ranges of our bearing for forgings, cement, crusher-based industry customers. We have served wide in cement industry, automotive industry, steel industry, wind mill energy, oil and gas industry, refineries, aeronautics industry, all crusher-based industry, FMCG industries, food industries, pharmaceuticals, sugar industry, OEM's

Serving across globe majorly in pan Asia.

Our technology and innovations in increasing day by day and will get more roots through generations.

Our major assembling is done in India with imports of all the parts.

Our bearing is made up of 52100 grade steel. And even we develop stainless steel bearings with SS304 and SS302 grade.

We also develop heavy duty and Kevlar cords V belts for more durability and life of the belts associated with Japanese and Singapore company for belts



KYK JAPAN BEARINGS originated in 1950 in Osaka, Japan, serving across globe. We are distributors of KYK Japan bearings.

Renold chains and sprockets is a U.K. based company, specialised in transmission chains and sprockets including conveyor chains. We are authorised distributor of Renolds.



JK GROUP WAS ORIGINATED IN 19TH CENTURY, we are distributor of JK Fenner Eco-drive V belts and oil seals and also stockist of other JK Fenner products.

Maxspare seals and Toyopower V belts and rubber related products, we are distributor of these brands too.

Contact

Email: evobearings@gmail.com
Website: www.evobearings.com
Website: www.ibmsbearings.com



EXOUSIA AUTOMOTIVE PVT. LTD.



EXOUSIA AUTOMOTIVE IS AN ISO 9000: 2015 COMPANY WITH MANUFACTURING LOCATION AT RANJANGAON, PUNE. We introduce ourselves as the leading manufacturer of wide range of OTR & After Market products which include Tubeless swivel & Non-Swivel valves, Valve Cores, OTR caps, High pressure valves, Valve Accessories, Different Valve Extensions, O-Rings, Garage & In plant Service Equipment & many more. Along with we are into manufacturing of various molded Rubber products related to Automobile, Steel, Cement, mining etc, rubber mats, Anti vibration pads, etc. We have the technical capability to develop any type of Rubber product with application specific.



In an intention to create the values and provide high quality products & service to the customers we steer our manufacturing and supplying tools to diverse range of clients across India. We are managed by a team of qualified professionals, with our manufacturing facility at Ranjangaon, Pune.



Large Bore Swivel & Non Swivel valves, Core, Accessories for OTR Tyres applications.

High pressure Shock strut is used to charge Nitrogen in accumulators in Earth Moving Equipment like Dumpers, Excavators, etc and also for other applications in Defence. The operating pressure is up to 3000-15000 PSI.



Flexible & semi flexible Extensions give sufficient flexibility and helps for comfort mounting on valves in OTR tyres where as Rigid Extensions is used to mount in a straight line with the valve mouth. So according to applications both Extensions



solve the purposes.

Garage & In-Plant Service Equipment:

We provide Pressure Gauges with both Standard Bore & Large Bore application. Pressure Gauges with Glycerine filled are of Dial Sizes 2 1/2 "which is standard, also can be given the Dial Sizes as per specific customer demand.



O-Rings are used in various Earthmoving Equipment like Dumpers, Dozers, Loaders, Fork lifts, Excavators who are equipped with different sizes of Tubeless tyres. The main application is to retain the air pressure inside the tyre.



All Rubber molded parts for Automotive & non-automotive applications

Exousia Automotive provide "Nitrogen Charging Kit", mainly use to charge nitrogen gas in to Bladder, Pistons & Accumulators.

Contact

Email: marketing@exousia.co.in

Website: www.exousia.co.in



FAMUR SA

FAMUR

We are a technology holding company that provides solutions to the energy, mining and bulk material handling industries. Our goal is to support the green transformation in the energy sector. The first step is to design, build and manage industrial photovoltaic farms. For more than 100 years, we have been developing machines and equipment that make mining more efficient and safer for those who work in this extremely difficult industry. FAMUR solutions are used not only in coal mining, but also in the extraction of other soft rocks. We also provide advanced solutions without which mining would be much more dangerous to people and the environment. We specialize in longwall, roadheading, underground and surface transport systems, as well as equipment for mass transport and bulk material handling. We operate in such countries as: Poland, Russia, Germany, Ukraine, Kazakhstan, India, China, South Africa, Indonesia, Serbia.



We focus on technologically advanced and highly efficient automatic longwall systems equipped with control systems, monitoring system of machine states, processes and technical systems, along with IT support which significantly improve safety and efficiency. Our offer includes longwall shearers, powered roof supports, armoured conveyors and crushers, hydraulic control systems and the Mikrus, an innovative longwall system allowing for mining thin coal seams.



FAMUR is a leading manufacturer of a wide range of the roadheading equipment for the mining industry. Our offer includes state-of-the-art roadheaders. The roadheaders are available in various types and versions with intended drilling galleries in rocks of various hardness. Special versions of our roadheaders allow to cut rocks in quarries, old concrete foundations, quartzite sands and hard gangues on mine waste dumps. Our machines are also applied in civil engineering.



The EZ-WSK4000L drill rig is used to make four blast holes simultaneously. The basis of the drill rig is a pillar, on which stretcher bar arms, work arms and carriage trailers are mounted. Stretcher bar arms are raised by means of rams.

The drill rig is powered by an air-hydraulic unit.

Electrical equipment for mining and industrial sectors is manufactured within the FAMUR Group under the Elgór+Hansen SA brand. In the offer you can find flameproof devices - power supply devices, control and automation systems, visualizations and data transmission from mining machinery systems, and a technical industrial equipment, including distribution boards and transformer stations.



Contact

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FINEROCK INDUSTRIES



FINEROCK INDUSTRIES is the supplier and manufacturer of high-quality exploration drilling mining equipment and related accessories. We also provide fast and efficient service and product support in the mining industry. We are currently based in Vadodara City of Gujarat State in INDIA.

We strive to deliver high quality products and service at all times. Our staff is competent and well qualified in the mining industry to offer accurate and reliable support at all times.

FINEROCK INDUSTRIES is a well-established business that shows remarkable growth throughout. One of our main aims is to offer a one-stop mining supply and support service across INDIA and Overseas. Our manufacturing division is well equipped with specialised machinery and experienced staff to provide quality products. Random testing of our products is done in our own in-house testing facility to guarantee superior quality.

We offer a wide range of mining supplies and exploration drilling equipment. Please refer to our Products catalogue for more information.

PLASTIC CORE TRAY (BOX), LID & MARKER

- MATERIAL – Polypropylene designed for industrial application.
- UV Resistance
- NO Corrosion
- 100% Recyclable
- High Longevity and Durable



DRILL RODS AND CASINGS

WIRELINE DRILL RODS

- Made from high-precision, stress-relieved seamless steel tubes
- Wireline drill rods with heat-treated ends to strengthen threaded joints
- Precision-machined, gauged and treated to mitigate galling



WIRELINE CORE BARRELS & OVERSHOTS

- Core barrels available in proven latch-spring design and updated positive latch version
- Overshots available in safer version with heavy-duty lifting dogs for surface application and pump-in seals for underground versions



CORE BARREL PARTS

- CORE LIFTERS
- Core Lifter Case
- Stop Rings
- Locking Couplings
- Adapter Couplings
- Landing Rings
- Inner-Tube Stabilizer
- Outer Tube



Water Swivel (BQ NQ HQ PQ)

- standard universal water swivel for use with BQ NQ HQ PQ core barrels and rods.
- water swivels are designed to provide a watertight or airtight rotating joint to connect the pump to the drill string with a high-pressure hose. Most water swivels can use with a variety of flushing mediums including water, air, foam, or bentonite drilling fluids.



DIAMOND AND TUNGSTEN CARBIDE TOOLS

- Impregnated Diamond Core Bits
- Surface Set Diamond Core Bits
- PCD (Poly Crystalline Diamond) Non-Coring & Coring Bits
- Tungsten Carbide Core Bits
- Reamer Shells
- Casing Shoes



Contact

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FLOW LINK SYSTEMS PVT. LTD.



We wish to introduce ourselves as a premier manufacturer of Knife Gate Valves (KGV), API 603 Stainless Steel Wedge Gate Valves, Stainless Steel Swing Check Valves, Tilting Disc Check Valve, Y type strainers and Basket Strainers valves under the Brand name of "FLS" & "KEROS". Our company is focused to provide a wide spectrum of valves meeting most serve and demanding services catering to various industrial segments.

We have integrated manufacturing facility having in-house Machine Shops, Testing & Assembly unit and "Well-known" Three Modern Steel Foundries having capacity of 7800 tons per annum and ability to produce 3000kg in a single piece casting.

Our range of products and services are as follows:

- 83 & 84 series – Uni/Bi-directional Knife gate valve
- 85 series – Transverse seal Knife gate valve (Bi-direction)
- 86 Series – Elastomer seal Knife gate valves
- 87 series – Elastomer seal Knife gate valves (High Pressure)
- 88 Series – Through Conduit Valves
- 89 series – Flaseal Valves
- 20 Series – Wedge Gate valve
- 40 series – Tilting Disc Check valve
- 45 series – Swing check valve & Y-Strainer & Basket Strainer

OUR MAJOR CUSTOMERS:-

- NTPC - Talcher, Bihar, Simhadri, Dadri, Ramagundam, Tanda & Feroz Gandhi
- BHEL- Bangalore, Ranipet, BGR Energy Systems Limited & ALSTOM GE.
- CETHAR LIMITED, ANSALDO CALDAIE BOILER, THERMAX LIMITED.
- SAIL- Bokaro & Bhilai, JSW, Vizag Steel Plant, BPSCL, IREL.
- TTPS – Tuticorin, NLC – Neyveli, APPGENCO, MPGENCO, Merrick Industries Pvt Ltd.
- Karnataka Power Corporation Limited, Kudremukh Iron Ore- Mangalore.
- IOCL – Assam, PHILIPS CARBON BLACK LTD, Asian Paints.
- TNPL, Hindustan Newsprint Limited, Seshasayee Papers.
- Uttam Sucrotech International Private Ltd, EID PARRY, FIVES CAIL, Tecton.
- Ultratech Cement, Madras Cement, ACC Cement, Dalmia Cement, TANCEM.

Special Notes

We are internationally reputed manufacturers of world class valves including Knife Gate Valves and hence we submit the following special notes for your kind consideration.

In-house Design & Development

The valves assume special significance being used for critical application viz. mill outlet/burner inlet, designed to meet with NFPA 85F requirements. Accordingly the valves are our in-house designed & development dept. uses latest software tools to care for the structural stability by simulation analysis. Moreover the critical areas are provided with adequate allowance to avoid shrinkage.

In-house Pattern shop

We have our in-house pattern making shop with latest machine tools including CNC, which controls all critical dimensions of the pattern. With the aid of MAGMA software, the methodology of pouring is established to minimize or eliminate occurrence of inclusions, pin holes, blow holes etc.

In-house Foundry

We have 3 "Well Known" IBR certified & PED approved Foundries. We maintain the correct composition of the metallurgy & the heat treatment process is optimized to get fully stress relieved castings. The laid systems of our Foundry produce Radiography Quality Castings. We recommend that Radiographic films be examined by your Inspector as part of QAP. We believe that castings obtained from PED approved Foundry will only meet with the above said criteria, especially when the valves are to be used for critical application.

In-house Machine Shop

The body, gland follower & plate are machined in our in-house machine shop employing conventional & CNC machines. The "Knife Gate" is machined on either side & final buffing is done to obtain mirror finish to 32 microns. This is especially of importance in the quoted valves for the reason that the Knife Gate must have an easy and friction free movement when operated even after prolonged time from its

inactive state. Stellite is another important aspect we care very much. We have GMAW (Gas Machine Arc Welding) using inert Aragon Gas where automatic Stellite is done with imported Stellite 6 from Carboweld Germany. This will give uniform thickness & hardness of weld surface. Most importantly Chromium dilution is minimized & carbon pick up eliminated to obtain uniform hardness of min 400 BHN.

In-house Testing

All the valves are tested 100% prior to offering for third party inspection. While testing the valve for body as well as seat, we make sure that the valve is kept in the vertical direction. Only then the leakage across the seat can be assessed correctly. The above are few of the significant aspects we take care by going beyond the scope of the given specifications, in order to make sure that these critical valves perform trouble free. Needless to say that we have highly motivated, experienced & knowledgeable personnel at all levels of operation, by means of which we assure you of our customer service & consultancy assistance at all times.

Knife Gate Valves, Series 3 Unidirectional Metal Seat

Features

Series 3 Knife Gate Valve is designed for on-off and isolation of corrosive, abrasive and viscous liquid; abrasive slurries, pulp stock and dry materials. The series 3 Valve features, single piece yoke design, raised face seat for positive sealing, integral cast wedge, gate guides and high flow capacity. Conforms to MSS SP-81 and TAPPI standard TIS 405-8.



Specification

- Body material: Carbon steel / Stainless steel / other alloys
- Gate Material: Stainless steel 410 / 316 /304 / other alloys
- Seat: Metal Integral with Body
- Size: DN 50mm to DN 600mm (Higher Sizes on request)
- Actuators: Hand wheel / Gear / Pneumatic / Electric / Hydraulic

Knife Gate Valves, Series 4 Bidirectional Soft seat

Features

Series 4 Knife Gate Valve is a bidirectional valve designed for general industrial service applications. The design of the body and the soft seat assures non-clogging shut off on suspended solids which makes the valve suitable for industries like power plants, sewage treatment plants, chemical plants, food and beverage, sugar etc.



Specification

- Body material: Carbon steel / Stainless steel other alloys
- Gate Material: Stainless steel 410 / 304 / 316 / other alloys
- Size: DN 50mm to DN 600mm (Higher sizes on request)
- Actuators: Hand wheel / Gear / Pneumatic / Electric / Hydraulic

Knife Gate Valves, Series 4U Unidirectional Soft Seat

Features

Series 4U is an Uni-directional soft seated valve designed for on off and isolation of corrosive, abrasive and viscous liquid; abrasive slurries, pulp stock and dry materials. positive sealing, integral cast wedge The series 4U Valve features, single piece yoke design, raised face seat for and gate guides and high flow capacity. Conforms to MSS SP-81 and TAPPI standard TIS 405-8.



Specification

- Body material: Carbon steel / Stainless steel other alloys
- Gate Material: Stainless steel 410 / 316 /304 / other alloys
- Seat: Soft Seat
- Size: DN 50mm to DN 600mm (Higher Sizes on request)
- Actuators : Hand wheel / Gear / Pneumatic / Electric / Hydraulic

Knife Gate Valves, Series 5 Bidirectional

Features

Series 5 is a bi-directional flanged valve designed for high performance applications, fire safe ANSI class 150/300. The series 85 Valves features, tight shut off at full pressure, gate guided for full length of stroke which prevents jamming and noise free operation. The double heavy duty transverse seal with dual scraper blades for tight shut-off to atmosphere and also screws are provided for easy repacking during operation. Design conforms to MSS SP-135.



Specification

- Body material: Carbon steel / Stainless steel / other alloys
- Gate Material: Stainless steel 410 / 316 /304 / other alloys
- Size: DN 50mm to DN 450mm
- Actuators: Hand wheel / Gear / Pneumatic / Electric / Hydraulic

Contact

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 Website: www.flowlinksystems.com



FLSMIDTH PVT. LTD.

Sustainable productivity through innovation



FLSmidth delivers sustainable productivity to the global mining and cement industries. We deliver market-leading engineering, equipment and service solutions to our customers enabling them to improve performance, drive down costs and reduce environmental impact. With MissionZero, our 2030 ambition is to enable zero emission and zero waste (water, energy) in cement production and mining. Our operations span the globe and our 11,000 employees are present in more than 60 countries. In 2019, FLSmidth generated revenue of DKK 20,6 billion.

The intersection of productivity and sustainability is where success lies today. We strive to enable our business partners and customers to generate profitable returns and value-creating growth, while always maintaining sustainability as a priority.

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FUELSPEC



The Vishwa Samudra Group, an Indian conglomerate headquartered in Hyderabad, specialising in Maritime, Logistics and Infrastructure, is the exclusive Marketing & Sales Partner for FuelSpec globally.

FuelSpec is a liquid combustion catalyst that is added to diesel engines of ships, trains, heavy road equipment, mining equipment, etc. to reduce carbon emissions and to improve the efficiency of the engines.

FuelSpec is manufactured by EFS – USA.

FuelSpec® is an environment favouring technology that enables some of the world's largest energy consumers to improve fuel combustion today. When fuel combustion is improved, emissions are reduced, engine wear is reduced, and fuel economy improves.

A bridge technology that will allow the world to burn less fossil fuel today, in a significantly cleaner fashion, as we transition to alternative sources of energy

FuelSpec® Is a combustion catalyst. A liquid chemical, which, when added to fuel, improves the combustion of the fuel. FuelSpec® combustion catalysts are registered with the United States Environmental Protection Agency and promoted across the world.

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G & C VALVES INDIA PVT. LTD.

G & C Valves

G & C India Private Limited is the Indian subsidiary of Galli & Cassina S.p.A, Italy a prominent Italian Company established in 1919, mainly involved in the manufacture of a complete range of lubricated and non-lubricated Plug Valves.

G & C India Private Limited is an API-6D and ISO 9001:2015 certified company with its manufacturing facility based in the outskirts of Coimbatore, Tamil Nadu. The facility manufactures both Lubricated & Non-Lubricated (PTFE Sleeved) Plug Valves.

Our range of products includes –

- Pressure Balanced Lubricated Plug Valves API-6D
- Lubricated Plug Valves Standard Type API-6D
- PTFE Sleeved Plug Valves
- Pressure Balanced Double Block & Bleed Lubricated Plug Valves API-6D
- Dual Seal Plug Valves DB & B API-6D

The valves manufactured by us in Coimbatore are according to the design, drawings and quality assurance plan of Galli & Cassina, Italy. The valves supplied by G & C Valves India Private Limited, conforms to the quality standards maintained by Galli & Cassina globally.

PRESSURE BALANCED LUBRICATED PLUG VALVES API 6D

Class 150 to 2500

Size: DN 1/2" to 48"

Pressure balance lubricated plug valves are metal seated valves providing a tight shut off (0 leakage) sealing, valves shall be regularly lubricated along with their operation by injection of suitable grease. Thanks to the absence of any body cavity and as well as a simple & tough design, they are highly recommended for any critical "Full P" operation and for handling any media with an high % of solids contents, further more they provide an excellent resistance to abrasion, they are free from routine maintenance, providing a long service life.



LUBRICATED PLUG VALVES STANDARD TYPE API 6D – 2 WAYS, 3 & 4 WAYS MULTIPORT

DN 1/2" to 16"

Class: up to 300

lubricated plug valves "standard type" are metal seated valves providing a tight shut off (0 leakage) sealing, valves shall be regularly lubricated along with their operation by injection of suitable grease. Thanks to the absence of any body cavity and as well as a simple & tough design, they are highly recommended for handling medium/low pressure high viscosity media &/or with an high % of solids contents; Thanks to its simple & tough design, and to the absence of any soft part (Elastomers or Thermoplastic), they are highly recommended to handle high Temperature services, they are also available with a partial/or full Steam Jacket on valve body. As for all the Lubricated Plug Valves family, they always provide an excellent resistance to abrasion, they are free from routine maintenance, providing a long service life. They are also available with 3- or 4-Ways Multiport design.



PTFE SLEEVED PLUG VALVES TWO WAY, TREE WAY AND FULLY JACKETED

API6D ASME/ANSI 150 up to 900 Lb Available in SHORT, VENTURI, REGULAR or FULL-BORE Pattern

The PTFE sleeve serves as the seat for the valve plug thus eliminating contact of two metal surfaces. Turning effort is low and galling is avoided. The design also permits the use of any body/plug material combination. Positive shut-off is ensured and the valves are free from regular maintenance.



Contact

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GALASSI & ORTOLANI INDIA PVT. LTD. GALASSI&ORTOLANI

Galassi & Ortolani India Private Limited an ISO 9001:2015 certified company based in Coimbatore, India, is a Joint Venture between Galassi & Ortolani, Srl an Italian manufacturing multinational based in Pioletto, Milan and LeapINC Engineering & Business Solutions Private Limited.

Galassi & Ortolani Srl. has been making special valves since 1937. The experience achieved over the years has allowed Galassi & Ortolani to become a pioneer in offering fluid management solutions on a Global scale. Incidentally Galassi & Ortolani are the inventors of Pinch Valves and they held the patent for the same over 70 years back.

Our range of products includes –

- Pinch Valves – both open & closed design
- Diaphragm Valves – both Weir Type & Straight Through Type

Pinch Valves are full bore type valve that have Linear motion that can be used as On/Off, throttle and to Control media passing through it by using a pinching mechanism to obstruct/control the media. It gets its name Pinch Valve as the operating of Stopping or controlling the flow media is achieved by virtue of the pinching mechanism that is executed on the rubber sleeve.

Diaphragm Valves are bi-directional valves that also have Linear motion and can be used as On/Off, throttle and to Control media flow by regulating the area through which the media can pass through it. There are two types of Diaphragm Valves - Weir type, conveyed flow way and Full bore or straight through type. Both these types can be Lined or Unlined based on the type of flow media. They are extensively used in managing slurry, chemical media, in WTP's, STP's, DM Water Plants etc ...

Galassi & Ortolani - Pinch Valve – Model – GS1

GS1 is Galassi & Ortolani's traditional proven Pinch Valve model which has an open design. The specialty of this valve is that the pinching mechanism happens from both top & bottom at the same time whilst controlling the media. Available with various actuators like Gear Boxes, Pneumatic and Electric.



Galassi & Ortolani - Pinch Valve – Model – GS21

GS21 is Galassi & Ortolani's high pressure Closed design Pinch Valve. Sizes DN 25 to DN 100 is Single Pinch Design and Sizes DN 150 & above is Double Pinch Design. Available with various actuators like Gear Boxes, Pneumatic and Electric.



Galassi & Ortolani – Diaphragm Valve – Model – GS51 Weir Type Diaphragm Valve

GS 51 is Galassi & Ortolani's Weir Type Diaphragm Valves designed with Non-Raising Hand Wheel & Non- Raising Stem design from Sizes DN 25 to DN 300. Available with various actuators like Gear Boxes, Pneumatic and Electric.



Galassi & Ortolani – Diaphragm Valve – Model – GS52 Straight Through Type Diaphragm Valve

GS 52 is Galassi & Ortolani's Straight Through (Full Bore) Type Diaphragm Valves designed with Non-Raising Hand Wheel & Raising Stem design, providing an Open/Close indication from Sizes DN 25 to DN 200. Available with various actuators like Gear Boxes, Pneumatic and Electric.



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GAUTAM AND COMPANY



Gautam & Company started in 1999 by Mr Gautam Jain in Jalandhar, Punjab. Gautam & Company has extensive range of quality replacement parts for all types of generators, Engine, Excavators, Dozers, Dumpers, Motor, Grades, Loader Used for area of heavy Earthmoving, Construction, Infrastructure, Forestry, Agriculture, Cement, Marine & Mining Industries. These replacement parts are made by manufacturers like: Caterpillar, Tata Hitachi, Beml, Komatsu, L&T-POclair, JCB-Escorts, Samsung- Volvo, Daewoo, Hyundai, Cummins, HM-Terex, Isuzu

You can rely on our experience accumulated over Two Decades. Gautam & Co. is an Importer, Stockist of an extensive range of Genuine Parts.

We Stock the spares to ensure timely delivery to our customers. We also import the spares as per the requirement of our valuable customers. No matter where you are

located in India, our support is never far away. We ensure you fast response with the quality spare parts you need through quick and efficient logistics management employed by us. We are looking forward to make strategic partnerships around the country to work hand in hand and provide services to all our clients. We value our customers' satisfaction the most. We work hard to provide the spare to make your business more profitable. With our industry experience, an established business network and entrepreneurial foresight, has achieved competitive pricing for spares which will substantially bring down operation cost & benefit your business. Our consumer's need is our top quality.

With the experience, industry knowledge and customer loyalty built up over the years GAUTAM & Co. has become a prominent name you can always bank upon.

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GHH GROUP



GHH Group is a total solution provider to the Hardrock and Softrock Mining and Tunnelling Industries, with the GHH India facility based in Udaipur. GHH Group provides loaders, trucks, scalars, drills, bolters, long hole production drill rigs, rock tools and ground consolidation resins.

GHH has various partners, in geographical locations, that have ranges of products that all add to the "total solution provider" approach. Through deep cooperation with partner companies like Overprime from Peru, Titan from Turkey, UVB from Botswana and Tembo from Netherlands, GHH Group has added a significant number of products to their portfolio including low profile utility vehicles, and narrow vein loaders, spray concrete units, general utility vehicles, passenger transporters, light cranes, scissor lifts, mini dumpers, lifting platforms and ANFO loading trucks as well as light duty full electric vehicles. GHH Group not only provides new, used and rental equipment but they also provide aftermarket parts and service support through the entire life of the machine as well as contract mining services.

MUV5 Multipurpose Utility Vehicle

CE certified, with ROPS and 2nd level FOPS certified operator cabin, suitable for working in underground mines, 4x4 chassis mounted, with powershift fully automatic transmission.



BMP2x3 Scissor lift

CE certified according to EN280 Mobile Elevating Work Platforms Standard, 3.2 m x 2.0 m platform dimensions with 1500 kg lifting capacity, ROPS & FOPS Level 2 certified closed cabin for underground mines, 4x4 all-wheel drive, powershift transmission, articulated steering.



BIA100 Fuel and lube truck

CE Certification, ROPS & FOPS Level 2 certification for underground mines, 4x4 all-wheel drive, powershift transmission, articulated steering.



BEC100 Emulsion charger truck

CE Certification, on-board screw air compressor, ROPS & FOPS Level 2 certification for underground mines, 4x4 all-wheel drive, powershift transmission, articulated steering.



BAC2x250 ANFO charger truck

CE Certified, with 2 x 250 / 350 / 500 l ANFO tank options, ROPS & FOPS level 2 certified closed cabin for underground mines, 4x4 all-wheel drive, powershift transmission, articulated steering.



BIS20 Concrete Spraying machine

34 m3/h concrete spraying capacity (theoretical), ROPS & FOPS Level 2 certified closed cabin for underground mines, 4x4 all-wheel drive, powershift transmission, articulated steering. BIS20 is equipped with Titan concrete pump with casted body hopper and hydraulic vibrator, spraying head with 360o rotation, +135o / -135o tilt and 8o oscillation, robust manipulator with 8.5m vertical and 9.0 m horizontal spraying reach at 4m distance from working face. Thanks to its high



degree of articulation, BIS20 is quite outstanding in sharp-turn underground mining ramps.

BPT24 Personnel carrier

CE certified, 24-person capacity personnel cabin, 2-person driver cabin, ROPS & FOPS Level 2 certified closed cabins for underground mines, 4x4 all-wheel drive, powershift transmission, articulated steering. Thanks to its high degree of articulation, BPT24 is quite outstanding in sharp-turn underground mining ramps.



BVK05 Crane truck

CE certified, max. 2,4 ton lifting capacity, total 8 ton load carrying capacity, ROPS & FOPS Level 2 certified closed cabin for underground mines, 4X4 all-wheel drive, powershift transmission, articulated steering.



The LF-7 is a 7 metric ton narrow vein loader optimized for truck loading of the MK-A20

Features:

- ROPS/FOPS certified air-conditioned Cabin
- Best in class ergonomics and operator comfort
- Best in class tipping height
- Real 7 tons payload
- 164 kW installed power, available in Tier 3, Tier 4 F and EU Stage 5
- Remote control ready and complies with the DGMS
- CAN bus controls
- Optional "GHH Insite" remote data logging and analytics
- PDS (Personnel Detection System) interface
- Extremely robust frame and system design resulting in lowest operating cost



The LF-3 is a robust compact 3.5 ton narrow vein loader.

Features:

- Ergonomic ROPS/FOPS certified open cabin
- Excellent visibility with Intuitive controls
- Optional high lift kinematic available for truck loading
- Simple robust and reliable hydraulics and electrics
- Low hydraulic working pressure
- Can operate at high altitudes above 4 000 m
- Compact and powerful design for narrow veins Easy ground level maintenance, with lockable main switch
- Centralized service points



The LF-10 NEO is a 10 metric ton loader for mid seam applications.

Features:

- Best in class operator safety, ergonomics and comfort
- ROPS / FOPS certified cabin
- Air-conditioned closed cabin
- Vehicle height above cabin 2350 mm
- Best in class loading performance
- Extremely robust frame and system design resulting in lowest operating cost
- Customized buckets for different applications available
- Z-kinematic optimized for best truck loading performance
- Available in Emission class TIER 3, 4f and EU Stage 5
- 240 kW Engine power
- 10 tons payload
- Best in class ground clearance
- Best tipping height in the 10 ton class



The LF-14 is a 14 metric ton Loader for mid seam applications made for

working with the MK-42 dump truck

Features:

- Compact and powerful design
- Best power to weight ratio of its class with 285 kW installed power.
- Available in Tier 3, Tier 4, and EU Stage 5
- Extremely robust GHH frame and system design resulting in lowest operating cost
- Z-link optimized for loading of dump trucks
- Customized buckets with GET
- Ergonomic ROPS/FOPS safety cabin with large legroom, excellent visibility and intuitive controls (optional small cabin available)
- All daily maintenance points from ground level
- Centralized service points
- CAN bus controls
- Optional "GHH InSITE" remote data logging and analytics
- PDS (Proximity Detection System) interface



The MK-A20 is a robust compact 20 metric ton narrow vein dump truck to be loaded by the LF-7.

Features:

- 20 t payload capacity
- Compact, simple and powerful design
- Hard rock and tunneling applications
- ROPS / FOPS certified cabin
- Great power to weight ratio
- Side seated driver for bidirectional driving or forward facing driver
- Extremely robust GHH frame and system design resulting in lowest operating cost
- Customized box designs and sizes available
- Proven technology only
- Low hydraulic working pressure
- Available in Tier 3, Tier 4, and EU Stage 5



The MK-42 is a 42 metric ton dump truck for mid seam applications made for working with the LF-14 LHD.

Features:

- Up to 45.000 kg payload capacity
- Dump Box range from 17,5 m³ up to 24 m³
- With 460kW best power rating in class
- Best turning radius in class
- less material adhesion in the box due to large dumping angle of 68°
- Optimal traction and higher driving comfort thanks to Oscillating articulation and front axle suspension system.
- Available in Tier 3, Tier 4, and EU Stage 5
- Easy, ground level maintenance
- Robust frame design resulting in lowest operating cost
- Integrated weighing system to maximize filling and reduce overload
- Proven technology and all parts from renowned suppliers
- ROPS/FOPS safety cabin with best in class ergonomics, excellent visibility and trainer seat



Face Master 2.3 is a twin boom jumbo designed for drilling blastholes of diameter from 41 mm up to 102mm (reamers). Design allows effective drilling of blastholes in workings of height from 3,5m up to 6,2 m.

Features:

- Powerful 20kW MM 20 rotary-percussive drifter



Product and Company Profiles of Few of the Exhibitors (continued...)

- Direct controlled drilling system with anti-jamming, collaring, feed control to optimize the drilling parameters.
- B40 HD booms with 1500 mm extension
- 14/7 ft telescopic feeders with floating piston.
- Working unit kinematics allowing easy cross-cut and roof drilling
- Min. tramming height 2.3 m. Compact design allows for tramming in minimum width of headings 4,5m @90 degrees.
- Articulated carrier with four-wheel drive - excellent gradeability and fast tramming.
- FOPS/ROPS canopy or cabin

Production Master 2.3 long hole drill rig can be used to drill holes up to a length of 32 meters. The machine allows to make holes vertically, horizontally and at any other required angle set by the operator. The diameter of the drilled holes ranges from 64 to 115 mm.

Features:

- Montabert HC112 drifter
- 360° feeder rotation
- 180° drilling table rotation
- Various feed lengths 4/5/6 ft
- Carousel type rod handler for 16 rods
- FOPS/ROPS canopy or cabin
- Min. tramming height 2.45m
- Bluetooth control panel



Face Master 2.1 is a narrow vein drill rig with coverage area of up to 30 m2, which on top of vein drilling enables also decline driving. It is characterized by compact dimensions and good maneuverability; with width of 1350m it is optimal for narrow vein operations.

Features:

- 20kW MM 20 rotary-percussive drifter
- 10ft feeder in standard execution
- B36 boom
- Hydrostatic drive
- FOPS/ROPS canopy



Roof Master 2.3 AWK is a bolting rig designed to work in medium to big cross sections and install resin or mechanical bolts. Thanks to powerful 13kW rotary-percussion drifter it can easily drill between 30-57mm holes in any rock conditions.

Features:

- 13kW MM13 rotary-percussive drifter
- AWK bolting mast with 8 bolt carousel - multiple sizes available
- Pneumatic resin injecting system
- B40HD boom
- FOPS/ROPS canopy
- Tires 12x20" foam filled



Roof Master 1.7 is a rock bolter designed for bolting roofs and walls at minimum height of 1.9 m and max. reach up to 4,5m. The unit is designed to install both mechanical and resin bolts at the length of 1.6, 1.8 and 2.6m by a single operator. Dry drilling has the added advantage of very efficient dust collection system. The operating controls are located next to the drilling unit, enabling accurate bolt installation - both mechanical or resin types.

Features:

- Rotary head with dust collection
- "Man-in-position" system
- Possibility of drilling longer holes by rod adding
- Carrier with FOPS/ROPS certified operator's compartment
- MHSA certified bolting mast canopy



Face Master 1.7 is a drilling rig for low-to-medium seams and designed for drilling blast holes of diameters from 41 mm up to 102mm (reamers). The unit can be used in methane-free mineral workings. Design allows effective drilling of blastholes in workings from 2.0 m height.

Features:

- Min. tramming height – 1.7m
- 20kW MM 20 rotary-percussive drifter
- Alloy feeder – 14ft in standard execution; telescopic feeders available as option
- B40L boom with 1500mm extension
- Tires 14x24"
- Max. coverage 67m 2



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GORNY INSTRUMENT LLC.



GORNY
INSTRUMENT

Gorny Instrument LLC. is the Russian leader in the production and supply of mining cutting and drilling tools. For almost 30 years of operation, the company has constantly developed dynamically, going from the production of tools only for coal mines to high-tech products, with the help of which not only coal is mined, but also ore, diamonds, gold, subways, roads and tunnels are being built.

Today "Gorny Instrument" offers its customers all types of radial and tangential rotary cutting picks for roadheaders and longwall shearers, bits for drilling holes for rock bolts, tools for drilling compensation and degassing wells - more than 500 types of serial and exclusive tools. Including more than 20 proprietary patented developments that have no analogues (for example, KDS crown, three wing RPA drill bit, rock drill bit RPU, triangular drill rod). The range of the company includes a tool for any mining and geological conditions, from light to extra-heavy.

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HAYER & BOECKER NIAGARA

HAYER & BOECKER



Haver & Boecker Niagara is a leading provider in screening, pelletizing and mineral processing plants and systems. The company is dedicated to serve mineral processing operations by providing more diverse engineering expertise, improved parts commonality and enhanced service.

In effort to help reduce CO2 emissions during screening, Haver & Boecker Niagara has engineered solutions such as the Scarabaeus pelletizing disc to minimize the environmental impact. With this technology, operations can sustainably produce iron ore pellets at a 97% production rate while being environmentally friendly. Similar to Haver & Boecker's wide-range of products and customizable screening solutions, the pelletizing disc can seamlessly fit into an operation by offering adjustable inclination, speed and side wall height to best fit applicational requirements. The revolutionary processing technology is ideal for a variety of applications, from processing different types of ore and fertilizer to salt and fines.

Haver & Boecker Niagara's mission is to deliver the best screening technologies to customers in the mining, minerals, aggregates, cement, building products, fertilizer and salt and recycling industries. With deep roots and years of experience in these industries, the company uses its innovative and shared technologies to effectively meet the needs of customers around the world.

Scarabaeus Pelletizing Disc

Haver & Boecker Niagara is committed to the efficient production of "green" pellets for a wide-range of applications, including iron ore agglomeration, zinc recycling, fertilizer processing and more.

The Scarabaeus pelletizing disc was strategically designed to enhance the productivity and profits of mining operations while minimizing the environmental impact.

The cutting-edge processing technology allows operations to sustainably produce iron ore pellets by reducing CO2 emissions while providing heightened efficiency with

a 97% production rate of pure iron. The Scarabaeus technology effortlessly pelletizes fine materials to improve their storage and transportation properties, while increasing their market value. The machine seamlessly fits into an operation by offering adjustable inclination, speed and side wall height to best fit applicational requirements.

Screening Equipment Technology

Haver & Boecker Niagara is the original equipment manufacturer of premium vibrating screens, dedicated to creating innovative solutions for customers to ensure productivity. It offers a wide-range of vibrating screens for effective, profitable processing of materials from medium- to-heavy duty applications in wet or dry classifying, dewatering, SAG mill screening, scalping and dedusting applications.

The Niagara XL-Class vibrating screen is one such technology. The innovative vibrating screen combines advanced exciter drive technology with a wide body to offer high-capacity screening action at up to 15,000 tons per hour. The XL-Class features a robust, maintenance-friendly design. Each machine is custom-designed to its specific application using Finite Element Analysis (FEA) to predict the structural behavior of the vibrating screen.

Additionally, the company's Niagara F-Class vibrating screen is the ideal solution for challenging screening applications requiring consistent performance, load independence and minimal vibration transmission into the structure. The F-Class technology combines constant g-force for optimal material stratification with a maintenance-friendly design.

In addition to these products, Haver & Boecker Niagara also offers Niagara N-Class, Niagara T-Class and Niagara L-Class vibrating screens to best meet an operation's specific mineral processing needs.

Diagnostic Tools

Haver & Boecker Niagara aims to create products and technologies that prevent unexpected downtime and lost revenue for its customers.

The company's suite of Pulse diagnostic tools monitor producers' vibrating screens to ensure uptime and reduce the risk of catastrophic failure.

- The Pulse Impact Test ensures each machine is properly calibrated to avoid operating in resonance. Operating in resonance can diminish productivity, incur damage to the vibrating screen, and pose safety risks.
- Pulse Vibration Analysis is designed to capture a moment in time in a vibrating screen's performance, so that it can be compared to the machine's past operation as well as factory specifications.
- Pulse Condition Monitoring analyzes data to ensure the health of a vibrating screen, but unlike vibration analysis, monitors equipment 24/7.

Screen Media

By analyzing the three phases of screening – layered, basic and sharp – Haver & Boecker Niagara finds the optimal combination of opening and open area by blending the right types of screen media to achieve an operation's product specification.

Blending different types of screen media — which could range from polyurethane or rubber to perforated plate or woven wire — helps to minimize wear and maximize productivity.

Heavy-duty screen media, including Ty-Max or Ty-Deck polyurethane, Ty-Dura rubber and Ty-Plate perforated plate — often works well at the feed end, withstanding larger top sizes and abrasion. Ty-Wire, Haver & Boecker Niagara's hybrid screen media, provides the ideal combination of wear life and open area and is often a perfect second deck solution.

For operations, combatting water restrictions, while up against abrasive materials, Haver & Boecker Niagara's Ty-Deck Ultra modular screen media offers a robust solution

The screen media's accelerated screening action cleans material without the use of water, therefore reducing the need for tailing dams.

Haver & Boecker Niagara's screen media comes in both modular and hooked forms, eliminating the need for deck conversions

Haver Service

Haver & Boecker Niagara is focused on servicing its customers in all aspects of mineral processing for maximum uptime.

- Vibrating Screen Inspection
- Plant Optimization Plan
- Bearings Changes
- Preventative Maintenance
- Vibrating Screen Rebuilds and Upgrades
- Machine Commissioning and Replacement
- Training

Process Engineering

Haver & Boecker Niagara strives to innovatively find and meet the needs of its customers by offering a full-service of customizable mineral processing solutions.

NIAflow Plant Simulation Software NIAflow is a tool used to design new mineral processing plants, or optimize existing plants, to predict production based on input tonnage, material characteristics and equipment set up.

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HECTRONIC INDIA RETAIL & PARKING AUTOMATION PVT. LTD.



Smart solutions for parking and refuelling

Hectronic is a Swiss - German company and Hectronic India is wholly owned subsidiary of Hectronic Swiss. Hectronic is more than 50 years old ISO 9001 certified company with Head office at Switzerland, Manufacturing facility at Germany with presence in more than 70 Countries globally and direct offices in 7 countries. Hectronic India has main corporate office at Bangalore, Peenya Industrial estate with branch offices at Wagle Estate, Thane and Pune, also Hectronic has local sales and service representatives across India and for nearby countries. Hectronic represents ISOIL Implant S.p.A. Italy as a sole distributor and service provider for their wide range of Flow Metering Products, Accessories and Automations Solutions in India.

Hectronic is globally leader in providing End to End Advanced Refuelling

Management System "ARMS" based on the various requirements from customers like Oil & Gas Petroleum PSU companies, Mining, Construction, Cement, Fleet, Automotive and Transport as well Railways, Aviation and Ports sectors for their customised Fuel Management System needs. We have in place all mandatory and valid statutory approvals for all our products we are offering under End-to-End Advance Refuelling Management System approvals like OIIML, Indian W&M, ATEX, PESO for use in petroleum application.

Decantation and Top Loading Management System

Hectronic Unloading/decantation and top loading solution is a comprehensive suite that combines the whole gamut of the disparate fuel management capabilities which provide greater accuracy and features at the edge. Our sustainable solution is scalable, flexible, reliable and can be customised to suite needs of various industries like Mining, Construction/Infra, Oil companies, Aviation sectors, Petrochemical, and industrial application. The solution delivers you accurate fuel unloaded. It is an administrative approach that allows the enterprises to organise and coordinate their operations with an aim to improve efficiency, reduce costs and provide compliant audit trail.

Stationary Management Solutions

HECONOMY is a high performance, user-friendly outdoor payment terminal for modern company filling stations. Numerous amounts of data are collected by this terminal during fuelling process such as Transaction No, Vehicle ID, Amount Fuel Dispensed, Efficiency of the vehicle, Odometer reading and many more. All these data are recorded securely, backed up and can be extracted anytime anywhere at ease and using our software detailed report and analysis are generated in suitable popular formats such as excel, PDF.

Bowser Refuel Management Solution

Places where there is no provision for setting up traditional stationary filling stations e.g. for mining due to uneven terrain, we also provide bowser equipped with our Hectronic automation smart fuelling solution which lower operational costs and bring in high accountability.

Inventory Management Systems

HLS 6010/Wireless (Gauge) + Optilevel Supply provide full insight regarding above/underground tanks multiplexed and monitored using our software. Alerts pertaining low tank level, incompatible fluid, leakage, and full transparency/accountability can be achieved easily. On change of liquid the gauge automatically adapts to the new medium. Therefore, it provides very flexible use. The manufacturer of various lengths and thread standards according to your wishes is possible. The gauge does not contain moving parts, hence, does not subject to wear and tear.

Software Solution

All the data are collected and transferred to Hecpoll which is a software driven solution which structures and generates reports and performs analysis from the data gathered. Hecpoll offers communication and analysis in one. It develops an extensive portfolio of components and functions for business applications, including support for multiple languages. These include export and import interfaces, user administration and a results-driven user interface, making it fast, intuitive, and effective to work with all applications.

Petro Point is a RFID technology system integrated with our terminals which acts as an authorization centre i.e., only whitelisted vehicles can be fuelled. This simple and effective system will help bring in control in your fuelling process.

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INDICON WESTFALIA LTD.



Indicon Westfalia Limited is poised to be India's leading Man Riding Chair Lift System and coal equipment

Manufacturer and we aim to do so by prioritizing quality. We are a client-facing, turnkey solution provider, who specialises in tailor-made manufacturing and total customer engagement. Formed by the merger of Bharat Westfalia and Indicon Westfalia is an original equipment manufacturer of multi-function Man Riding Chair Lift System and coal mining equipment with an emphasis on quality and customization. We pride ourselves on being a bespoke high-end engineering solutions provider. We are pioneer in engineering products and consistently focus on providing appropriate engineering solutions to Indian Mining & other industries since 1980.

MAN RIDING CHAIR LIFT SYSTEM (MRCL)

Man Riding Chair Lift System is powered by a hydro-mechanical drive system and ergonomically designed for optimal comfort and functionality. Chairlift System comes with modular design and simple hydraulics for easy assembly, transportation and maintenance, although every unit is custom-designed to meet spatial and geographic constraints. Chairlift Systems generally possess.

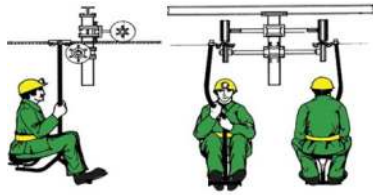
Range: 3000 meters

Speed: 3 m/s

Capacity: 720 persons/hour

Gradient: up to 45 degrees

Horizontal Curve: 15 – 120 degrees



FEEDER BREAKER

The Feeder Breaker is typically used in opencast coal mining to link the mobile and stationary equipments of the section. It evens the flow of coal onto the conveyor belt and breaks the coal down to manageable size thus increasing opencast production.



CHAIN CONVEYOR

Chain Conveyors are material handling systems open-cast mining scenarios. Consisting of durable twin outboard chains driven by sprockets at the drive and tail ends. Chain Conveyors are robust and versatile end to end conveyor solution with both single and double drive as per customer requirement. Indicon Westfalia has manufactured Chain Conveyors in technical partnership with DBT, Germany. However, today all components are manufactured indigenously. It's specifically designed to withstand the shock of impact endured during self-loading of blasted coal. Our focus on reliability, endurance, and low cost of repair and maintenance is intended to meet the needs of high production mining.



Contact

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INNTECH ENGINEERING



Innotech is an established company, aim to serve the Engineering sector. Taken forward by a team of experienced engineers, the company has travelled many milestones and achievements from private as well as government organizations. Today we have a team of experienced engineers working for different fields of engineering who are selected from reputed institutions across India, an established factory in Maharashtra, and five offices pan India. Innotech Engineering is a subsidiary division of the TECHINOVA, who has involved in construction and mining industries. We aim to be the premier global provider of innovative solutions for the engineering sector. We embrace new work cultures and have a comprehensive range, we are the complete solution provider for mining and construction industries, with high focus on quality and performance. We also have proven advantage in performance and versatile applications at optimal costs. Quality is guaranteed by the incorporation of latest technologies and processes. The product line comprises of a comprehensive range of jaw crushers, Vertical Shaft Impactors (VSI), Feeders, Vibrating Screen, Roll crusher, Bucket elevator, Screw conveyor, Chain conveyor, Apron feeder, Ball mills etc. Material handling equipment, Air pollution units, Bucket elevators, Customized equipment like Heat exchangers, Tanks, vessels, Pipe lines, Reheat furnaces, Roller S furnaces, Gratings and Hand rails, Centrifugal pump (For Industrial purpose), Tower structures related to Electrical and Telecommunications (Including Civil erection to complete product erection and Commissioning). Besides that we are taking outsourcing projects from different companies which include Structural parts,

customized equipment, pipes and fittings, Maintenance of plant. We focus on providing best latest technology equipments to our customers which are high productive, lower maintenance, lower cost per ton concept, optimum utilization by following the work procedure like Planning of material, Quality check (Dimensional verification, DP test etc.), fabrication, machining, Assembling with finishing, Painting.

JAW : Crusher plant manufacturer Aggregate and mining professionals who require the highest Productivity, best reliability and lowest cost per ton have turned to JAW crushers from Innotech Engineering for consistent performance. The experience shows in today's comprehensive line of Innotech Engineering JAW crushers

SCREEN: We are one of the trustworthy organizations, engaged in manufacturing and supplying Vibratory Screen Of Stone crusher.

High reliability and long life. High screening capacity. Excellent performance. Designed for high screening efficiency. Independent drive system.

GRIZZLY FEEDER: Our equipment is grizzly Feeder rates are approximate and will vary depending on the moisture content, plasticity, gradation and general flow ability of the material. Single Steeples feed rate adjustment. Larger models are fully welded construction for reliability. Vibrating Grizzly Feeders are designed to take heavy shock loads from trucks, shovels and loaders.

CENTRIFUGAL PUMP: We are leading manufacturer centrifugal pump 316 Stainless Steel impellers and shaft sleeves provide less corrosion, additional chemical resistance and durability. Vertical In-line Pumps to streamline parts inventories. Heavy duty power frames with bearing life of 100,000 hours 4 Power frame sizes. Standard back pullout design reduces downtime

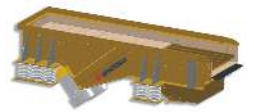
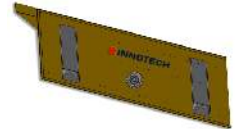
BLOWERS & CYCLONE: We are a leading manufacturer of pollution control units which includes Blowers, cyclones, Bag house, ducting etc. Our equipment is fully proven practically and we have done robust design to get optimum efficiency. We have supplied the system in aggregate industries, Rubber industries, Chemical industries, casting industries etc. We are the only company in India who offers 3 years warranty on equipments. We have our in-house experts so regularly we are improvising as per advanced technologies.

CONVEYOR: We manufacture conveyor Impact bars are fixed to the conveyors, where they are faced with bigger sizes of rocks. These bars are generally used under the loading part of conveyors to absorb high levels of impact energy, thus increasing the service life of conveyors. Conveyor gearboxes have a holdback system to prevent conveyors from reversing when loaded, so this system has the added effect of protecting the equipment from damage.

Contact

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JM FRICTECH INDIA PVT. LTD.



JM Frictch India Pvt Ltd (JMI), Established in 2008 as a joint Venture between M/s Jinmyung Frictch Co Ltd - Korea and NTC Engineering Services Pvt Ltd – India. Design, Develop, Test and Manufacture of Wet Brake & Wet Clutch System with its actuation parts (both Mechanical & Hydraulic Brake Parts). JMI is the most preferred supplier to all leading Tractor and Backhoes OEM's in India and we also supply to Construction & Material handling equipment's segments. JMI exports to various OEM's in South America, China, Europe and other parts of the world.

Manufacturing Facility:

- JMI believes in self-contained facilities with High Precision CNC Controlled Machines and SPM's to ensure the products as per specification.
- Capabilities of Design, Develop, Test & Manufacture the Wet Brake & Clutch System under "One Roof".
- Friction Material (Paper, Carbon, Graphite, Kevlar etc.) chosen from its widest

range suitable to the application.

- Products are manufactured with "online" Checking / testing features keeping the criticality of the final product.
- Brake and Clutch are critical for functioning of the end product/ equipment, JMI ensures defect free parts with inbuilt "Poke Yoke" System in assembly. Integrated global experience in these parts.
- Accredited with ISO 9001:2015 / ISO, 14001:2015/ ISO 45001 2018 Certified Organization.
- Quality is the way of life at JMI and we benchmark with global quality & standard

Friction Discs are used to slow or stop the motion of drive shafts which will in turn stop the wheels from rotating and also in engage and disengage function of clutches. JMI supplying to all leading Dumpers, Backhoes, Forklifts, Tractors, Marine and Defence equipment's.

JMI manufacturing Range start from 72mm to 800mm

Intermediate Discs are used in high torque transmissions applications like Dumpers, Backhoes, Forklifts, Tractors, Marine and Defence equipment's. It will be used in Brakes and Clutches application.

JMI manufacturing Range start from 72mm to 800mm

Annular Piston Brake is a hydraulic operating mechanism to ensure the running clearance is maintained as plate wear takes place. This usually consists of a spring and a friction device.

Power Shuttle Clutch - A power shuttle is an additional unit used in transmissions and is generally used in Off -Road segments. Power shuttle is used for the instant forward-reverse movements with a hydraulic actuation unit. Which avoid the fatigue of operators .

Forward-Reverse Clutch - These parts are used in vehicles like forklift, Tractors and etc. Where frequent forward -reverse moments are required.

Master Cylinder - The master cylinder, also known as the Brake Master Cylinder, converts the pressure on the brake pedal to hydraulic pressure by feeding brake fluid into the brake circuit and controlling this according to the mechanical force.

Contact

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K I TRANSPower PVT. LTD.

We would like to take this opportunity to introduce ourselves as a leading Manufacturers of Flexible Couplings having our state-of-the-art manufacturing unit at Kundli, (Distt. Sonapat) Haryana. India.

M/s K.I. Transpower (P) Ltd was established in 2012 and has emerged as one of the fastest growing manufacturers of Flexible Couplings in the region. We are catering to coupling need of every industrial sector. We manufacture almost every type of coupling (Standard or Customized) and transmission products which includes High quality Gear Couplings and Multi Disc Couplings for different applications.

For a brief outlook our product range includes following types of couplings which are of a proven quality.

1. GEAR COUPLING: A full range of Half Gear and Full Gear Couplings. Size starting from 100 to 119. (ALL INHOUSE). (Any Combination, Brake Drum, Brake Disc, etc).
2. PIN BUSH COUPLING: We make both types. Barrelled shaped Pin bush and Straight Pin bush designs. Interchangeable with other leading manufacturers of the same.
3. TYRE COUPLING: All Sizes from K 40 to K 180.
4. JAW FLEX: Type L, RRL, RRS, SW, SWQ, GR, GS and heavy-duty series type H. (High grade CI Material).



Also available in Aluminium and Steel.

5. GRID COUPLING: Resilient Coupling. Interchangeable with leading manufacturers of the same.
6. DISC COUPLING: All metal metallic disc coupling for high speed applications. Interchangeable with all other leading manufacturers.
7. CHAIN SPROCKETS: High quality single piece Chain Sprocket (Simplex, Duplex and Triplex).
8. GEAR BOX: Gear Box for Mining and Crusher application.
9. WHEELS: High Quality Crane wheels for EOT application.
10. OPEN GEARS: (Subjected to quantity and Size).
11. CARDAN SHAFTS: High précised, Light duty and Heavy-duty Cardan shafts under stringent quality norms.

We also represent R+W & SGF (Germany) for highly précised and Backlash free Couplings in India. These couplings have got wide range of applications in Machine tools and Construction equipments

Our products find application and fits in every conceivable drive like, Rolling Mill application, Conveyor drives, Pressure vessels, Feed Pumps, Sugar Mill drives, Rubber processing Machinery. EOT application and many more. Our in-house CAD facility helps us to design and manufacture the coupling w.r.t. application parameters

We would appreciate and highly obliged if you could enlist our name in your approved vendors list for supply of Flexible couplings enabling us to render our quality services to your respectable organization.



FULL & HALF GEAR COUPLINGS

- Torque rating from 559 to 1,47,000Nm. Size from 100 to 119
- Bore diameters from 13 to 710mm
- Gear Spacer couplings are also available on request
- Less Backlash, Compact assembly, Interchangeable with Other manufacturers, Steel plants, Cement plants, Sugar plants, Power plants, Rolling mills, EOT Cranes and many more



BRAKE DRUM COUPLINGS

- Torque rating from 567 to 64170Nm
- Bore diameters from 18 to 90mm
- Outer diameters from 100 to 400mm
- Size above 400mm also available on request
- EOT Cranes application



MULTI DISC COUPLINGS

- Torque rating from 33 to 19000Nm
- Bore diameters 20 to 230mm
- Stainless steel shims, high tensile bolts
- Available with standard & non standard spacer length. High Power to weight ratio and backlash free coupling. Suitable for general industrial and High Speed applications. Balancing to Grade 6.3 Interchangeable with Other manufacturers.
- API Optional.



CARDAN SHAFTS

- Torque rating from 580 to 55000 Nm
- Flange diameter 86 to 315mm
- Angular Movement (Degrees)15 to 25
- High Performance made to Order Shafts.
- Multi Industrial applications.



R+W SAFTEY COUPLINGS

- From 200 to 250,000Nm
- Bore diameters from 30 to 340mm
- Extremely compact
- Robust
- Full disengagement



Product and Company Profiles of Few of the Exhibitors (continued...)

- Automatic re-engagement available

SGF COUPLINGS

- SGF Tenpu Fiber Technology
- Maintenance Free
- No Need To Change Oil & Grease
- Resistant To Shock Loads
- High Power Density

Contact

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KATEEL ENGINEERING INDUSTRY PVT. LTD.

KATEEL ENGINEERING INDUSTRIES (P) LTD was established in the year 1983, manufacturer and supplier of Industrial Disc Brakes, Drum Brakes, (Pneumatic & Hydraulic) Electro Hydraulic Thruster Disc Brakes and Drum Brakes, Electro Magnetic Disc Brakes and Drum Brakes, Rail Clamps, Clutch Buttons & Friction Liners.



The company was floated by Mr. H.V. RAMASWAMY, Mr. C.M. SHASTRY & Mr. K.N. SHANKAR who are technically qualified. They are also Directors since inception.

We are certified by Quest Certification ISO 9001:2015 for Quality Management.

Kateel has highly experienced and dedicated Engineers and timely approaching Service Engineer to make sure customer requirement/complaint if any.

List of products:

1. Pneumatic Active Disc Brakes : Air applied Spring Released
2. Pneumatic Failsafe Disc Brakes : Spring applied Air Released
3. Hydraulic Active Disc Brakes : Hydraulically Applied Spring Released
4. Hydraulic Failsafe Disc Brakes : Spring Applied Hydraulically Released
5. Mechanical Lever or Hand Knob Operated Disc Brakes : Manual
6. Electro Hydraulic Thruster Operated Disc Brakes and Drum Brakes : Fail Safe
7. Electro Magnetic Disc Brakes and Drum Brakes : Fail Safe
8. Hydraulic Rail Clamps (Storm Brakes) : Fail Safe
9. Thruster Operated Rail Clamps : Fail Safe

The Kateel range of hydraulic Brakes can delivered the Braking force up to 6 lacs N and use specially formulated hydraulic oil (Hydrol 68) to deliver the desired hydraulic pressure. These hydraulic brakes require a hydraulic power unit to operate the brake. Variable braking torque can be achieved by regulating the hydraulic pressure.

APPLICATION AREA

- Steel Industries.
- Wind Turbine
- Conveyor
- Cranes
- Bulk Material Handling Equipment.

FEATURES

- Compact design
- Quick Brake response
- Low maintenance
- Large brake pad area
- lower brake disc temperatures
- Brake pad life is more
- Removable brake pad holders
- Changing the brake pad is easy



- Pad retraction springs are mounted as standard
- Drain ports for hydraulic oil leakage

The Kateel range of pneumatic brakes uses dry and compressed air at pressures up to 7 bar. These pneumatic brakes require a control valve which may be operated manually / by electric signal and Braking force up to 25000 N.

APPLICATION AREA

- Steel Industries.
- Cable Industries.
- Paper Industries.
- Wire Drawing Machine.
- Tyre Industries.
- Textile Machineries.
- Sugar Centrifuge
- Special Purpose Machines.



FEATURES

- Compact design.
- Easy mounting.
- Low maintenance
- Less space consumption.
- Suitable for wet, dusty and corrosion aggressive environments.
- Cost effective.

Electro Hydraulic Thruster operated Drum Brake is used in Cranes, Conveyors and Material Handling Equipment and we are having Size from 100mm to 760mm Drum size and torque capacity up to 9600NM.

OPTIONS

- Automatic liner wear compensator
- Torque scale – for adjusting braking torque from 0 – 100%
- Manual release mechanism



Kateel Electro hydraulic thruster Disc Brake is a fail safe brake. When power supply is given to the motor, hydraulic pressure builds up inside the thruster and the piston moves up to release the brake. When the power is cut off, hydraulic pressure gets released and the piston moves down, thus moving the brake arm forward allowing the pad to clamp the disc with the spring force and apply the brake and torque can be achieved up to 25000NM with Brake disc Ø1200mm.

OPTIONS

- Automatic liner wear compensator
- Torque scale – for adjusting braking torque from 0 – 100%
- Manual release mechanism

FEATURES

- High efficiency.
- Easy mounting.
- Compact design
- Low maintenance
- Suitable for wet, dusty and corrosion aggressive environments.
- Cost effective



The subject rail clamp is used as a parking brake for the trucks operating at sea shores. Refer to figure 1.1 for general arrangement of the clamp. It consists of two main links whose one end is connected to hydraulic actuator while the other end is fitted with brake pads. Both main links are hinged and supported by internal frame. The main links are also connected to springs through connecting links.

The external frame is connected to truck. During the parking condition, the truck is held by clamping of the rails by spring force. To move the truck, rail clamp is release by actuating hydraulic cylinder. The external and internal frames are connected through a floating arrangement to accommodate the misalignment generated during truck movement. During parking condition, the clamp is subjected



Product and Company Profiles of Few of the Exhibitors (continued...)

to a separating force generated due to wind or storm acting on the truck. The objective of the present work was to design a rail clamp of 130 KN capacity.

FRICITION MATERIALS-SINTERED

Metal-ceramic bronze-graphite friction material with high content of ceramic components and graphite, designed for a dry friction use.

Material characteristics :

- High co-efficient of friction
- High wear resistance
- The lining is solidly joint to its steel base pad by the layer of connecting material
- Good thermal stability up to 450°C, for a short term up to 800°C
- Small effect on the opposite surface
- Suitable for grinding, drilling and recess work
- Friction co-efficient stability in a wide range of operating conditions



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KEERTHI PUMPS INDIA PVT. LTD.



We started way back in the year 2000 as an Industrial pumps' manufacturer in Coimbatore. We are the leading Pump manufacturer and Exporters of Industrial Pumps which are being used in a variety of markets and applications throughout the world.

KEERTHI Pumps entire gamut caters to wide spectrum of Domestic and Globally the specific needs of industrials with more than 350 models in our Industrial pumps, encompasses Centrifugal End suction Pumps, Pulp and paper stock (upto 10% Consistency) Chemical Pumps, ANSI Chemical pumps, Engine / Motor driven Dewatering Pumps, Vertical Sump pumps, Axial Flow Pumps, Horizontal Split casing Pumps, Horizontal Multistage Pumps and Pedestal Pumps etc. since 2000.

We catered our Pumps almost all the paper industries in throughout India, KEERTHI pumps running in various paper industries, process industries in most of the regions in India .

KEERTHI Pumps is well known a acknowledged leader and continuous Research and Development Industrial pumping solutions with Hi-tech Engineering technology to ensure matchless performance for Greater quality and life for Customer Delight.

KEERTHI Pumps proudly announced that we have our own foundry with the capacity of 3000T/ Annum with highly efficient Induction Furnace

Specific to the requirements of all Industrial sectors such as

- Paper and Pulp stock ,Sugar Industry
- Fire Fighting ,Cooling towers & heat exchanger systems
- Heating and Air Conditioning Plants Textile Industry & Jet Dyeing
- Food & Beverages Processing Industry
- Petrochemicals, Oil and gas Industry, Refineries Fertilizer & Agrochemicals Industry
- Leather industry, Paint Industry ,Energy & Thermal Power Plant
- Organic chemical Industry ,Chemical Process Industries, Thermic Fluids
- Public water supply and Canal lift irrigation
- Water & Waste Water Treatment Industry CETP & STP, Dewatering
- Mining , Minerals & M sand Marine & Shipping industry
- Steel , Copper & Zinc Plants ,Cement Plants Marble, Granite & Ceramics Industry

Our continued focus on expertise Performance and after sales service is the foundation of our success. Our pumps are known for Consistent, Quality and Performance that outlasts competitors.

End suction Pumps – KWP Series

- Flow Up to 550 m³/ hr
- Total Head Up to 100 m
- Max. Liquid Temp 90oC

- Pump Sizes DN 32 - DN 150

Material of Construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410



Application: Water Supply, HVAC systems, Swimming Pools fountains, Food, Sugar, Paper, Pulp, Chemical, Cement, Steel & Construction Industries, Power Plant, Irrigation, Pressure Boosting, etc.

HSC Split casing Pumps

- Flow Up to 3500m³/ hr
- Total Head Up to 120 m
- Max. Liquid Temp 100oC/ 212 F
- Pump Sizes DN 32 - DN 150
- Speed 2900 RPM



Material of Construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410

Application: Long water Transport, HVAC systems, Food, Sugar, Paper, Pulp, Chemical, Cement, Steel & Construction, Power Plant, Canal Water Supply, Irrigation, Pressure Boosting, etc.,

Horizontal Multistage Pumps

- Flow 70 m³/ hr
- Total Head 54 Bar
- Max. Liquid Temp 180oC/ 356 F
- Pump Sizes DN 32 - DN 150
- Max power Upto 180 HP
- Speed 2900 rpm
- Suction & Delivery 80x80 & 100 x100



Material of construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410

Applications: Food, Sugar, Paper, Pulp, Chemical, Cement, Steel & Construction Industries, Power Plant, Boilers, Pressure Boosting, Firefighting etc.,

PSX Pulp and paper stock Pumps

- Flow Up to 2500 m³/ hr
- Total Head Up to 80 m
- Max. Liquid Temp 140oC/ 284F
- Pump Sizes DN 65 to DN 400
- Casing Pressure 22Bar



Material of construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410

Applications: Food, Sugar, Paper, Pulp, Chemical, Cement, Steel & Power Plant,

Mixed flow Pumps – MF series

- Flow Up to 3500 m³/ hr
- Total Head Up to 45 m

Product and Company Profiles of Few of the Exhibitors (continued...)

- Max. Liquid Temp 100oC / 212F
- Pump Sizes 200 To 450mm
- Speed 1800RPM
- Casing pressure Upto 16 Bar

Material of Construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410

Applications: Water Supply, Food, Sugar, Paper, Pulp, Chemical, Cement, Steel & Construction Industries, Power Plant, Mines etc.,

Process pumps – ACH / CP

- Flow Up to 600 m3/ hr
- Total Head Up to 180 m
- Max. Liquid Temp 200oC
- Pump Sizes DN 32 - DN 200

Material of Construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410

Applications: Food, Sugar, Paper, Pulp, Chemical, Cement, Steel & Construction Industries, Power Plant, Water Supply, HVAC systems, Fire Fighting, Sea water desalination plants, Swimming Pools, fountains, Power Plant, Irrigation, Pressure Boosting, Effluent Treatment Plants , Clarified water, back water, white water De-Inking water, soft water etc.,

Vertical Sump Pumps

- Flow Up to 1400 m3/ hr
- Total Head Up to 100 m
- Max. Liquid Temp 120oC
- Pump Sizes DN 25 - DN 300
- Casing Pressure 22 Bar
- Speed 2900RPM

Material of construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410

Applications: Food, Sugar, Paper, Pulp, Chemical, Cement, Steel & Construction Industries, Power Plant,

Dewatering Pumps – DWPx Series

- Flow Up to 1200 m3/ hr
- Total Head Up to 30 m
- Max. Liquid Temp 60oC / 140F
- Pump Sizes 100x100,150x150,200x200& 250x250
- Speed 1800RPM
- Power rating Upto 200 Hp
- Fuel Tank capacity 250ltrs

Material of Construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410



Applications: Flood dewatering, Mines, Construction site, Underground dewatering

Fire Fighting Pumps

- Flow Up to 550 m3/ hr
- Total Head Up to 100 m
- Max. Liquid Temp 90oC
- Pump Sizes DN 32 - DN 150

Material of Construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410

Applications: HVAC systems, Fire Fighting application

Axial Flow Pump

- Flow 2600m3/hr
- Total Head 5mtrs
- Max. Liquid Temp 90 degree
- Pump Sizes Upto 450mm

Material of Construction:

- Pump Casing Cast Iron /WCB / SS
- Impeller Cast Iron / Bronze / SS
- Shaft EN - 8
- Sleeve SS 410

Applications: Sugar, Paper, Pulp, Chemical, Cement, Steel & Construction Industries, Power Plant, etc.,

Contact

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KLASSIC KLAROL FILTERS PVT. LTD.

Klassic Klarol Filters Pvt. Ltd. manufactures hydraulic system flushing and oil cleaning machines under the brand name KLAROL.

Klarol Oil Cleaning Machines are capable of flushing the hydraulic system of earth movers and other machines with hydraulic powerpacks. Purification of hydraulic oils in Earthmovers can be beneficial as follows:

- Prevent slower machine performance and erratic operation which are responsible for lower production.
- Reduce component failures related to oil contamination.
- Reduce expensive downtime.
- Reduce spare parts replacement cost.
- Save on expensive man hours spent on machine repairs due to oil contamination related breakdowns
- Save on expensive oil replacement costs by increasing hydraulic oil life.
- Help to reduce diesel consumption.
- Reduce Global Warming, soil and water pollution.

Change Your Thinking ...Not Your Oil !

Contact

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KLASSIC KLAROL® FILTERS PVT. LTD.
OIL CLEANING SYSTEMS

Hydraulic Oil Filtration and System Flushing time ...



Klarol Hydraulic Oil Cleaning Machine



LCS CONTROLS PVT. LTD.



LCS controls Pvt Ltd., founded in year 1995, nearing ~25 years of service in the field. We are proud to have served a wide range of customers in a wide range of industries.

Designers, manufacturers and "end-to-end" total solution providers in onboard weighing, industrial weighing, batching, bagging, packing and allied automation with a full-fledged manufacturing facility in industrial hub of Chennai, India

All in one roof "mechatronics" expertise: embedded electronics, mechanical items, electrical drives, material handling equipments, sensors & pneumatic actuators, real-time software etc. This is LCS's unique strength, since many others lack in multi-discipline engineering skills.

Our R&D centre accredited by Department of Scientific & Industrial Research (DSIR), Government of India, we consider it as an honor and recognition of our innovation spirit.

ISO 9001:2008 certified company

We are supplying Onboard weighing system for Dumpers (Payload-DT), Tippers (Payload-FBT) & Wheel loaders (Payload-WL). These weighing systems provide great advantage to mining industries to get to know the weight inside the dashboard of the vehicle. In addition we supply safety related products for tippers known as "TILT SWITCH" which enhances the safety of vehicle and operator.



Onboard weighing for Dumper

The load measuring system range of products for dumpers consists of products on monitoring tools designed to maximize the efficiency and productivity of the Dump truck. The LMS is used to collect payload data and the speed of travel to enable safer loading practices and production efficiency information.



Onboard weighing for Tipper

The load monitoring system in tippers measures the load and indicates the operator on the loading, whether it is under-load or over load. The system records the data in its memory and it can be retrieved using a thumb drive.

Onboard weighing for Wheel loader

Load is calculated in the loader while loading it in the truck. Advanced methodology provides accurate results of the load. Different types of report are stored in the memory and can be connected to a printer/GPRS for monitoring.



Onboard weighing for Tipper/Dumper

The product restricts the operator to tip in an unsafe angle. This enhances the safety of vehicle as well as operator. The operator is indicated with a warning light and a buzzer on the unsafe angle of the vehicle.

Contact

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LIEBHERR INDIA PVT. LTD.



In India, the Liebherr Group is represented by Liebherr India Private Limited a sales and service company and by three other manufacturing companies. Liebherr India Private Limited was established in 2006, having its Corporate Office in Sanpada, Navi Mumbai, Maharashtra, India and employs a workforce of 200 people, providing sales and service for the product lines of Earthmoving and Mining Equipment, Mobile Cranes, Piling & Drilling Rigs, Crawler Cranes and Maritime Cranes, Aerospace and Components to customers in India and in the neighbouring countries such as Nepal, Bhutan, Bangladesh and Sri Lanka.

Liebherr manufacture a full range of large Hydraulic Excavators with 7.5 - 42 Cum Bucket Operating weights from 100 t to 800 t and power ratings from 565 kW to 2,984 kW (757 HP to 4,000 HP).



Electric Versions also available.

Liebherr T 264 Electric drive powered by Cummins diesel engine.

- Gross Vehicle Weight (GVW): 417 tonnes(460 US ton)
- Nominal Payload: 240 tonnes(264 US ton)
- Engine - 2013 kW / 2700 HP



Liebherr Mining GET Solution:

- Three Tooth Profiles, in Five Sizes
- Innovative Design
- One Single Locking System
- Truly Hammerless System
- Easy Serviceability



Dredging Excavator:

Liebherr provides a full range of maritime excavator equipped with a complete and unique range of attachments adapted to the customer's application. Operating weights from 100 t to 580 t and power ratings from 500 kW to 2,984 kW (701 HP to 4,000 HP). Liebherr dredging excavators are dedicated to move material in any condition, on seas, oceans or fluvial channels.

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MACO CORPORATION INDIA PVT. LTD.



Maco is a leading provider of world-class industrial products, technologically advanced engineering equipment & customised solutions. The organisation caters to critical sectors like Steel, Oil & Gas, Mining, Power, Refinery, Railways, Drives and Transmission, Machine Tools & Access Equipment, serving over 1000+ companies including world leaders in the industry. Through end-to-end solutions in project execution, including management, installation, commissioning, and after-sales services, Maco remains the preferred partner for their esteemed clients.

We also provide ancillary support services like equipment rental, maintenance, and repairs, as per project requirements. With a strong domain expertise and a dedicated workforce of more than 500 employees, Maco has successfully executed some of the largest turnkey projects across the globe. Through the Strategic Business Unit concept, the company is able to cater to the evolving needs of each domain, in a systematic, customer-centric manner. Use of innovation and technology, unmatched experience and a strong strategic foundation through Joint Ventures and Partnerships gives the company a strong competitive edge. Apart from this, an unsaid promise of dedicated assistance, open communication and adherence to timelines has helped us to nurture long-lasting relationships with some of the biggest names in the industry.

ANSUL brand promises a full range of quality fire protection solutions - from automatic detection and suppression systems to a complete line of wheeled and hand portable fire extinguishers and more.



Refuge chambers are designed to provide a refuge or 'safe heaven' for miners suddenly trapped in hazardous or toxic environment. MineARC is the global leader in the manufacture and supply of emergency refuge chamber. They have supplied refuge chambers in operations to over 40 different countries. MineARC's CoalSAFE refuge chambers are approved in United States by the West Virginia office of Miners' Health, Safety and Training and are built to the Mine Safety and Health Administration (MSHA) federal regulations '30 CFR Refuge Alternatives for Underground Coal Mines.



Complete Clutch & Braking Solution For Mining Equipment Eaton Airflex, the World leaders of industrial Clutches and Brakes have been the original supplier to all the Global Mining Equipment OEMs' like BEML, HEC, Marion, Bucyrus International, Caterpillar, Terex etc.



CETEOR, (Belgium) battery booster packs are professional

jump starter for recovery of all types of breakdown vehicles with partially or completely flat batteries. Their range offers a solution for each professional working on 6V, 12V, 24V vehicles & 28V (aircrafts), 36V, 48V, 72V and 110V (industrial & locomotives) batteries for all kinds of vehicles and sectors: mines, passenger cars, commercial vehicles, trucks, busses, construction and military vehicles, agriculture vehicles, aviation, marine, trains, etc. Ceteor products are specifically designed for professional and heavy-duty use. Compared to competitors, Ceteor range starts (in terms of power) where most of other competitors stop theirs. Ceteor is now part of Schumacher Electric, the leading designer and manufacturer of battery chargers and inverters.



ProFill® INCREASED PAYLOADS. FASTER CYCLE TIMES. BEST IN CLASS. ESCO products are trusted at mines worldwide for improved productivity and safety, and our ProFill dragline buckets are no exception. A proven performer, ProFill buckets are providing increased productivity and cost savings for customers on several continents. Over 85 years of dragline experience has culminated in ESCO's most innovative dragline bucket ever. A bucket that fills faster, uses less drag energy and delivers exceptional productivity – even in challenging above tub applications. Contact us today to learn more about ESCO's custom engineering process, technical support, and maintenance services – all focused on maximizing your dragline operation's productivity and reducing your total cost of production.



SatStat® Fuel/Lubricant Storage and Handling Systems have a proven track record for rapid implementation, nominal engineering costs to accommodate, and increased productivity at the face. They provide a rugged, portable solution to safely storing and handling essential consumables to maximize your equipment up-time underground.



The SatStat® line is portable to keep pace with production advances and renowned for its focus on safety and durability. A heavy steel case protects the storage tanks and a fast-acting, air-tight safety door, plus integrated fire suppression systems, give you the assurance of additional fire protection in the underground workplace.

Contact

Website: www.macocorporation.com

MARINE ELECTRICALS INDIA LTD.



Marine Electricals is an integrated technical services provider in the fields of electrical automation and information and communication technology solutions.

We made our beginning as supplier of Electrical switchboards to Indian Navy in 1978. During last 4 decades we grew to become the leading solution provider in the field of Electrical distribution and Automation.

While we continue to offer Marine solutions, our Industry division main focus is on solutions for low voltage, medium voltage distribution and automation solutions for process control and energy management.

Over the years we have developed in house R & D capabilities for product & solutions development and have also partnered with leading global companies.

Our insistence on High quality standards have given us opportunity to serve large and well known Industrial, data centres and Marine segment clientele.

Marine Electricals is a listed company on National Stock Exchange (NSE)

MeCubE+- LV Switchboard

Features

- Complete range IEC 61439 certified by ASTA.
- PCCs, MCCs, Distribution, APFC
- Flexibility to use switchgears of leading makes Schneider, Siemens ...
- Available IoT connectivity MEconnectT



BlokSeT- LV Switchboard

- Features
- Leading License partner of Schneider Electric
- Range of PCCs and MCCs.
- Intelligent PMCC
- Tested for Internal Arc withstand



MEpower – MV Switchboard

Features

- 11 kV/22kV /33kV Switchboards VCBs, Contactors, RMUs, Load break switch
- Up to 40 kA withstand
- Type tested as per IEC62271-200
- Indoor /Outdoor Applications



MEconnect- Digital connectivity solution

Features

- Energy monitoring & management system
- Maintenance prediction
- Asset management system
- Temperature monitoring
- Augmented Reality for ease of operation



Contact

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MATEC INDUSTRIES



Matec Industries designs and manufactures complete plants for crushing, screening&washing of aggregates and waste water purification & filtration solutions in many sectors, the most important of which are: coal, iron-ore, aggregates, gravel, sand, stone, concrete, ceramic, glass.

Matec's objective is the complete customer satisfaction, guaranteeing a fast after-sale service, but also pre-sale consultancy service, to accurately identify the real needs of potential customers. We have installed over 3000 wastewater purification plants all across the world, 400 in the last two years: this is the real guarantee of our production and quality service.

Our group is a big family:

- Matec machinery technology for filter presses
- Matec Steelworks for Engineering
- Matec Washing for washing & screening plants
- Maxtec for crushing mobile units
- Alfa Pompe for every kind of pump (vertical, submersible, horizontal, centrifugal and more)
- Matec Corporation for spare parts of every kind
- Elettromatec for plants automation.

One of our biggest installation in Brazil with nine filter presses 2000x2000 in a big mine site.

Our Cube solution is the right way to have a water treatment mobile plant that you can build up in a day and start to treat your sludge.

Matec is able to provide decanters of any type, like vertical deep cone or horizontal, paste or rake thickeners like this one in Portugal.

Matec means also washing & screening plant for aggregates, with a wide range of solution for rocks and sands.

Our biggest filter press called "Megalith", a huge beast 2500x2600 with 6 pistons. Big flow rate to treat! We have the right solution!

Contact

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Website: www.matecindustries.com



MBH PUMPS GUJARAT PVT. LTD.



MBH Pumps is ISO 9001 Certified Company Since 1969 having a profound understanding of different concepts used for mine dewatering .Being one of the only manufactures from india offering submersible pumps with flow rates upto 4000 m³/hour,our s designs provide pumping heads upto 210 m. Our metallurgist select the finest alloys for the pumps, which are corrosion and abrasion resistant.

A pump forms an essential part of mining infrastructure and MBH helps ensure cost effective, continuous operations which is always focused on concept of high quality and safety.

Apart from durable, user friendly and low maintenance submersible pumps, MBH has also attained mastery in Autoprime Centrifugal surface pumps, which can be a great investment for any mine owner.

- MBH Pro-Prime series Autoprime pumps capable to pump upto 180 m and 3000 m³/hr with Engine capacity upto 1000 HP
- Submersible Tough series and DC series Dewatering pumps capable to pump upto 210 m and flow rates upto 1000 m³/hr
- Submersible Slurry pumps in Hi-Chrome and Ni-hard MOC achieving 700 BHN hardness on wet ends having capacity upto 250 HP with flow rates upto 1500 m³/hr.
- Submersible Contractor series pumps upto 60 HP, an economical solution for handling slurries in opencast and underground mines.

Apart from these pumps MBH Pumps manufactures a variety of utility pumps with focus on Dewatering , waste water and Raw water applications.

Pro-Prime Series - Auto prime Pumps

- Head : upto 200 meters with single stage impeller
- Flow : upto 2500 m³/h
- Solids handling : upto 125 mm
- Mechanical seal fitted pumps
- Diesel Or Electric Drive



HD Series - Tough Dewatering Pumps

- Head : upto 210 meters
- Flow : upto 550 m³/hr
- HP : 120
- Solid Size : upto 15 mm
- Moc : cast Iron
- Frequency : 50 / 60 Hz



DCAL Series

- Light Weight Aluminium Dewatering Pumps
- Head : upto 100 meters
- Flow: upto 1000 m³/hr
- Hp: 1 to 85
- Solid Size : upto 15 mm
- Moc : Aluminium with Stainless Steel
- Frequency : 50 / 60 Hz



Ni Hard - Submersible Slurry Pumps

- Head : upto 50 meters
- Flow : upto 800 m³/hour
- HP : upto 85
- Solid content by weight : 65%
- Particle Size : 40 mm
- Moc : Ni-Hard Impeller & Volute
- Specific gravity : 2.8 kg/l



CP Series - Submersible Contractor Pumps

- Head : upto 50 m head
- Flow : 450 m³/hour
- HP : upto 60

- Particle Size : 40 mm
- Moc : 27% High Chrome impeller , 2% Ni Ci Volute
- Frequency : 50 / 60 Hz

NS Series Pumps - Submersible Sewage Pumps

- Head : upto 65 m head
- Flow : 4000 m³/hour
- HP: 0.5 to 250 Hp
- Particle Size : upto 150 mm
- Moc : Cast Iron / Duplex Stainless steel
- Frequency : 50 / 60 Hz



Contact

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Website: www.mbhpumps.com

MINERAL EXPLORATION CORPORATION LTD.



Mineral exploration Corporation Limited (MECL) was established as an autonomous Public Sector Company in October 1972, under the administrative control of Ministry of Mines, Government of India for systematic exploration of minerals, to bridge the gap between the initial discovery of a prospect and its eventual exploration. MECL has the mission "to provide high quality, cost effective and time bound geo-scientific services for exploration and exploitation of minerals".

MECL has completed various projects/reports and established Millions of Tonnes of ores/ mineral reserves of minerals like Coal, Lignite, Bauxite, Copper, Gold, Lead-Zinc, Iron Ore, Limestone, Manganese, Magnesite, Chromite, Fluorspar and several other Industrial Minerals since. It has recently diversified into mining and beneficiation of minerals and sampling & analysis of coal stocks.

MINERAL TARGETTING

- Order OF Magnitude Studies
- Remote Sensing Studies
- Regional & Detailed Geological Mapping
- Topographic & Underground Survey
- Surface & Borehole Geophysics
- Pitting & Trenching
- Laboratory Studies
- Appraisal/ Evaluation Report



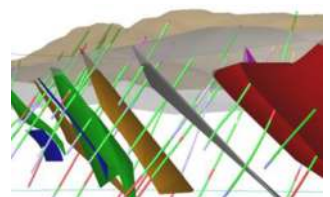
MINERAL DEPOSIT ASSESSMENT

- Exploratory Drilling & Mining
- Borehole Deviation Survey
- Core & Mine Sampling
- Chemical & Physical Analysis
- Mineralogical & Petrological Studies
- Preparation of Plans & Section
- Reserves & Grade Estimation
- 3-D ore body modelling



OTHER SERVICES

- Survey for Infrastructure facility
- Bulk sampling for beneficiation studies
- Mine construction
- Manufacturing of drilling accessories
- Consultancy related to mineral industry



Contact

Email: headbd@mecl.gov.in
Website: www.mecl.co.in

MODY PUMPS INDIA PVT. LTD.

MODY PUMPS (INDIA) PVT. LTD., a wholly owned subsidiary of MODY PUMPS INC. USA, primarily focussing on manufacturing and supply of pumps ideally geared for the Mining Industry.



Mody Pumps have been providing solutions to the Worldwide Mining industry for decades. It offers comprehensive portfolio of innovative pumps & controls for mining applications, from light-weight and robust submersible dewatering/slurry pumps to wear-resistant high-lift centrifugal Horizontal Self-Priming pumps for the removal of sludge, mud, silt, and water in abrasive and corrosive environments and Air Operated Diaphragm Pumps.

Mody Pumps offers solutions in Mining Industry in the following areas

- Mody Submersible Electric dewatering pumps
- Mody Submersible Electric Super high head Dewatering pumps
- Mody Submersible Slurry Pumps (with Agitators , Jet ring arrangement)
- Mody Horizontal Submersible Slurry Pumps
- Mody Submersible pumps mounted on floating Barge / pontoons
- Mody Centrifugal, self-priming Skid mounted /Trolley Mounted pumps
- Mody Hydraulic operated Slurry Pumps
- Mody Air-Operated Diaphragm Pumps
- Pump controls (Local Panels / Wired or Wireless Automation solutions)

Mody Pumps endeavours to be a preferred partner in addressing the customer's Pump requirements & fluid handling solution.

Mody Slimline "G" series Electric Submersible dewatering Pumps offers range from 1.5 HP to 150 HP. Casing sizes from 2, 4, 6, 8, 10 & 12". Flow range up-to 20,000 LPM and head over 100 Mtrs. Motor designed have 'H' Class insulation – VFD duty and rated for continuous duties. Pumps offered in any combination of Voltage / Frequency.



Mody Slimline "G" - SS series Electric Submersible dewatering Pumps offers range from 1.5 HP to 150 HP. Casing sizes from 2, 4, 6, 8, 10 & 12". Flow range up-to 20,000 LPM and head over 100 Mtrs. Motor designed have 'H' Class insulation – VFD duty and rated for continuous duties. Pumps are supplied in SS 316 / 304 construction complete.

Mody "HM" series Electric submersible dewatering pumps are specifically designed for mining applications and equipped with additional features to safeguard the pump instantly against High voltage , Single phasing etc. The pumps are also provided with Shore valve for extra safety of motor for non-kink in delivery line.



Mody "MGH" Super High Head Pumps : Pumps offered in this range are suitable for vary high head dewatering i.e. upto 180 meters.



Mody Slurry Pumps: We manufacture a complete line of heavy duty & light duty slurry pumps with high abrasion resistance Chrome Iron wet ends and agitators to effectively handle the heaviest of slurries up to 70% solids by weight and upto 650BHN Hardness.

Mody Dragflow Electrical/Hydraulically Operated pumps: We are JV partner of Dragflow Pumps, Italy and offer a range of Electric Slurry pumps and Hydraulically operated pumps fitted with or without Side Agitators / Jet ring arrangement etc. The pumps can be designed and offered to any required duty conditions.



Mody Air-Operated Diaphragm Pumps: Available in 1/2" - 3" Sizes in Polypropylene, PVDF, SS, Aluminium and Ductile Iron with a wide variety of Elastomers suited for the pumped fluid – these self-priming submersible and non-submersible units can even be used in Hazardous environments in the harshest of conditions.

Mody Skid / Trolley mounted pumps offer a wide variety of economical, dependable and highly efficient dewatering Coupled pumps . The pumps are mounted on common base plate or on Trolley as per customer requirement. Prime movers especially Engines are used as per customer's preference. The Pump suction line is fitted with Self Priming device. We ensure that our equipment is designed to

stand up to a variety of conditions in a multitude of applications. Exceptional design and superior components assure that the customer receive the very best quality product for your investment.



Contact

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MYPORT SERVICES INDIA PVT. LTD.



My Port Services India Pvt Ltd, is a leading supplier of long-lasting Advance Warning and Accident Prevention Solutions that find application in the Mining, Construction & Material Handling Industry

With the objective to save lives and costs, we have become the market leader in the safety industry by providing top-notch solutions for Dumpers, Tippers, Excavators and Wheel loaders.

Customers:

- Tata Steel
- Hindustan Zinc
- Volvo Group
- Komatsu India Pvt. Ltd
- BEML
- Scania Commercial Vehicles

Solutions:

- Dual Audio Visual Alarm
- Proximity Warning System
- Rear View Camera System
- All-In-One Proximity Sensor with Rear View Camera
- Driver Fatigue Monitoring System
- Seat Belt Reminder System
- Automatic Fire Suppression System

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NANDA MILLAR COMPANY



We are an ISO accredited company. We are registered with NSIC & SSI and are members of Engineering Export Promotion Council (EEPC), Confederation of Indian Industries (CII) & Indo German Chamber of Commerce.

Proposal – Our company has strong presence in mining industry & are open to foreign friend for joint venture / representation

List of products

- A. C S Gear – Single Point & Thimble type up to 20T Capacity
- B. Clivy Hook for shaft sinking upto 12 Ton
- C. Hydraulic Rope Cappel Banding/ Disbanding Machine
- D. Guide rope attachment
- E. Head Gear Pulley
- F. Rotary Tell Tale, Auto warning Tell Tale ISI Marked, Two point Tell Tale & 4 Point Tell Tale
- G. Mechanical Load Cell, Hydraulic Load Cell, Roof Bolt Load Cell
- H. Light Weight, 30T, Standard 30T and 50T Anchor Testing equipment
- I. Short Encapsulation Anchor Testing Machine with Bore Hole Micrometer

- J. Remote Convergence Indicator
- K. Convergence Indicator & recorders
- L. Digital Manometer for Ventilation Survey
- M. Noise level meter, Lux Meter, Velometer
- N. Anemometer a-China Make b-USA Make
- O. Tub Coupling, Haulage Rope Cappel , Endless Haulage Clips, Sylvestor,
- P. Pipe Coupling – for Grooved End Pipe , Plain End Pipe & HDPE Pipe)
- Q. Leakage Arresting Repair Clamps

Contact

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NMDC LTD.



NMDC Ltd., a Navratna Public Sector Enterprise under Ministry of Steel, Govt. of India is the single largest producer of iron ore in India owns and operates highly mechanized iron ore mines in Chhattisgarh and Karnataka having its registered office at Hyderabad, Telangana. NMDC is considered to be one of the low cost producers of iron ore in the world. It also operates the only mechanized diamond mine in India at Panna, MP.

NMDC Ltd. is among the top performing companies in the country, till now known merely as a mining company is now busy creating an exciting course both for itself and the Nation by setting up a three-million tonne integrated steel plant at Nagarnar, Chhattisgarh.

The Company is producing about 35 million tonnes per annum of iron ore from its major iron producing units i.e. from Bailadila Sector in Chhattisgarh and Donimalai in Bellary-Hospet region in Karnataka. NMDC envisages to have iron ore production capacity of 100 million tonnes by FY30.

All of NMDC mining complexes have been rated 5 Star by Indian Bureau of Mines, Ministry of Mines which is a testimony to its scientific and sustainable mining practices.

NMDC has its own R&D Centre at Hyderabad which is recognized as a Centre of Excellence by UNIDO. All the NMDC mines and R&D Centre have ISO & EMS accreditations.

NMDC has a legacy of not only meeting but surpassing the commitments & expectations of its stake holders. All through its existence of about 63 years, NMDC has endeavored to positively uplift the lives of the communities around its areas of operations. The sentiment that Social Responsibility is an integral part of the wealth creation process and when managed properly, can enhance the competitiveness of business, maximize the value of wealth creation to society and thereby contribute to Nation building is ingrained in the core philosophy of NMDC.



Made from natural raw iron ore through the process of mining, crushing and screening, where the iron ore is separated into lumps and fines.

Fines require sintering (conversion into crude pellets) prior to usage in blast furnaces



Made from powder that is generated during the ore extraction process, once considered waste.

Contact

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 Website: www.nmdc.co.in

ORBINOX INDIA PVT. LTD.



We are a subsidiary of Orbinox SA, Spain engaged in the manufacture of Knife gate valves. With more than 45 years of experience in the industrial market worldwide, we have become a well known knife gate valve manufacturer responding to new industrial developments.

Our 35,000 Sq ft factory located in Coimbatore produces Knife gate valves from the best quality raw material. Design and engineering are done by our R&D wing located in Spain. Our product range offers you many models of Knife Gate Valves designed for various applications. These different models are available in a wide range of Material and Sizes.

Orbinox India produces more than 4000 knife gate valves every month, 60% of which are exported to European and American markets. 40% of the production are presently sold in India. We have kept a spare capacity of around 1000 valves per month considering our growth in domestic market share.

Orbinox offers a wide range of knife gate valves for handling diverse applications in the following industries.

- Power
- Paper and Pulp
- Steel
- Cement
- Mining
- Petrochemicals
- Foods and Beverages etc.,



MODEL-VG
Slurry Valve
DN 50- DN 1400
Ductile Iron



MODEL-WG
Slurry Valve Wide Body
DN 50- DN 900
Ductile Iron

We are an approved supplier of knife gate valves to major EPC's & Power producers like BHEL, NTPC, GE Power, Macawber, Thermax , KPCL, GSECL etc.,

Our mission is to meet the needs of our customers and to continue improving our products and services through teamwork, training and performance. The companys growth is balanced on years of experience from research, design, production and marketing with a firm determination to maintain recognition of its quality and service on the market and to remain competitive in the knife gate valve industry.



MODEL- HG
Slurry Valve Wide Body
DN 50- DN 900
Ductile Iron



MODEL-HB
Bidirectional High Pressure
DN 50- DN 300
Ductile Iron



MODEL-EXT
Unidirectional
DN-50- DN 1200
Cast Iron / Ductile Iron



MODEL-WG
Slurry Valve Wide Body
DN 50- DN 900
Ductile Iron

Contact

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 Website: www.orbinox.com



PRD RIGS INDIA PVT. LTD.



"PRD" founded in 1972, under the leadership of Mr. T.P. Thangaraj, Chairman - PRD Groups, is a leading manufacturer of drilling and mining equipment's based in India. One of the largest manufacturers of drilling rigs for Water Well Drilling, Construction, Mining and Geotechnical Exploration.

PRD expanded its manufacturing activities with innovative products like tractor mounted piling rigs, pilot hole riggs for granite and marble segments, state of the art compact crawler mounted PRD spider 1500 drilling rig for water well drilling, Rigs for underground production drilling and blast hoel for mining, which are all well received in the perspective market segments. With the Introduction of the new machines for various applications, the company experienced steady growth and quickly became a major player within the drilling industry.

In a world of product-oriented companies that believe to give the best value with mass productions strategies, PRD RIGS INDIA still remains a customer-oriented company ready to solve any technical challenge proposed by clients with specific requirements.

Product and Company Profiles of Few of the Exhibitors (continued...)

Engrained in PRD, is the goal to provide its customers with products of the highest quality and exemplary customer service, something that has never changed.

- 50 Years of legacy
- 10000+ Units Sold Across the country
- 60+ Models of Rigs
- 300+ Trained Employees

PRD Mining Series

We have a series of mining rigs, which are designed to meet customer requirements. Our rigs are applicable for various applications like Core Drilling, Geo Explorations, Minerals and Metal Mining, Hole Matching in DSI segments, drilling for blasting in Quarries and Mines.

PRD HC 500M & PRD HC 500ME is specially designed for drilling vertical and horizontal holes of dia 3.5" / 4.5" for a Maximum Depth of 15 Mtrs with DTH Drilling in dimensional stone quarries.

"The Robust design and hydraulic rotation and feed system ensures Higher Penetration Rate" and the holes are drilled without deviation resulting in perfect hole matching for diamond wire cutting operations in dimensional stone quarries.

The most suitable machine for pilot hole drilling in granite quarries and successfully operating PAN India.

Our Salient features are:

- Perfect Hole Matching.
- Lesser Setting Time.
- Higher Penetration / Faster Drilling.
- Low Fuel Consumption.
- Robust design.



PRD BH 15 100 - Blast Hole Drilling Rig is designed to enhance maximum productivity with a wide range of automated features and also a wise choice of blast hole rig for small scale mines. This is the perfect solution for your needs. Drill dia 100 - 165 mm (4 - 6.5 in) rotary and DTH holes, with a single pass depth of 4mtr.

This Blast hole drill rig can drill through rock at a fast penetration rate capable of drilling a single pass of 4.8 mtrs. It works mostly in small-scale mines and quarries. Where the drilled holes are charged with explosives and blasted.



We used the latest technology for #mining safety and features that ensure accuracy and productivity. It can drill up to - 16 m depth maximum.

PRD Geo Technical Drilling Rigs are Robust, self-propelled crawler mounted hydraulic rig with auto Trip drop hammer for SPT, with a multipurpose Top head drive which can be used for a wide range of drilling including coring, rotary drilling, UDS sampling / auguring, SPT, CPT and much more.



PRD Geo-Technical Drilling Rigs are designed specifically for Soil Investigation Application.

For India's First High Speed Rail Line Mumbai Ahmedabad High Speed rail project that will connect Maharashtra with Gujarat through 12 stations.

M/s. Larsen and Turbo Pvt Ltd has won the bid to construct HSRP – Mumbai to Ahmedabad corridor in India they will have to start with Geo Technical Investigations which are performed to learn about the physical properties of the geological strata that are being considered for construction in a variety of situations.



PRD EX65 excavator mounted drill rigs are applicable at coal mine discovery, cement mines, extracting ores, solar projects, canal works, Mostly used at rocky places also. Every Mining and Mineral company needs a rig, and PRD is here knocking the best at every time.



PRD EX 65 Hydraulic Drill Rig attachment suitable to mount on 20 Ton Capacity & above Excavators capable to drill hole 165mm dia upto 20 mtrs drilling in coal / surface mining with 3mtrs/6mtrs/10mtrs Single Pass option, Manual Rod Changer, Water Injection System, GPS Monitoring and on-board compressor mounted on back side of

Excavators and equipped with the cabin.

Can be customized as per customer requirement based on application. One operator is needed to do all things, since our Rig are equipped with the Auto Drill automatic drilling system.

The advantage of Drilling Rig:

- Cost-effective
- Energy efficient
- Less maintenance
- Excellent quality



Contact

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Website: www.prdrigs.com

PREMIUM TRANSMISSION PVT. LTD.



PREMIUM TRANSMISSION with its German subsidiary PREMIUM STEPHAN provides high quality, precision engineered power transmission solutions and products to the global engineering industry, catering to the needs of customers across the globe. These include Worm Gearbox, Helical Gearbox, Planetary Gearbox, Geared Motors, Fluid Coupling (both Constant and Variable Speed) and Lift Machines.

For decades the company has been serving its customers with high quality power transmission solutions, precision-engineered for diverse application across industries worldwide. Our products are the result of German & Indian design expertise backed up by state of art manufacturing and testing facilities across India and Germany.

PREMIUM TRANSMISSION with its Indian subsidiary PREMIUM MOTION focusses on designing and manufacturing of specialty motion enablers & control components/systems used in renewable energy industries

We have service centers spread globally under the name of PREMIUM CARE, which is a one stop destination for Servicing and Repair of gearboxes, geared motors, lift machine, fluid coupling of any make.

"We are geared up to deliver best in class solutions that set new standards in performance and reliability."

Case hardened and profile ground steel gear with inclined tooth to transmit the torque between parallel/right angle shafts with minimum noise.

Range: Power range up to 8765 kW

Reduction Ratio range upto max ratio 657:1

Size : From 80mm to 1150mm centre diameter

Type: Helical and Bevel Helical in Horizontal and Vertical position

Application: Slurry Mixer (Agitator), Conveyor, Barring drive, Stacker- reclaimer, etc.

World - class quality based on our latest German technology. High power to weight ratio facilitating easy handling. Being modular in design, can be used with any other standard motor.

Range: Power range from 0.12 kW to 90 kW.

Size: From 25 mm to 120 mm output shaft diameter

Torque: Up to 25000 Nm.

Type: Bevel Helical, Parallel Shaft and Coaxial Shaft.

Application: Light duty Conveyor, Slurry Mixer (Agitator), Inching Drive, etc.

Transmission of power through hydro kinetic energy and in the stream of oil/ water between the impeller & runner of the coupling. Fixed quantity of oil/ water is used in the working circuit.

Range: Range up to 1820 kW

Sizes: From 204mm to 1150mm circuit diameter

Type: DFC, DFP, PSS, HTC, AFC, SFC, SDFC, WDFC, SFU, STC

Application: Baring Drive, Crusher, Conveyors, Stacker- Reclaimer, etc.

Transmission of power through hydro kinetic energy and in the stream of oil between the impeller & runner of the coupling. Quantity of oil is varied in the working circuit as per the speed requirement.

Product and Company Profiles of Few of the Exhibitors (continued...)

Range: Range up to 11000 kW

Sizes: From 370 mm to 1320mm circuit diameter.

Type: PST & PSV

Application: Baring Drive, Crusher, Conveyors, Stacker- Reclaimer, etc.

Compact Planetary Gearbox series with high power to weight ratio. Modular construction with high interchangeability of parts and bearings. Rugged design with longer service life and ease of maintenance.

Size: Torque range up to 1kNm to 6000kNm

Reduction ratio range 3.89 :1 to 3164:1

Application: Conveyor, Stacker Reclaimer, Slew Drive, etc.

Die-cast Aluminium case, worm gear units with electric motors/mechanical variator in double stage suitable for power ratio upto 15 kW.

Range: Power range from 0.06 kW up to 7.5 kW

Ratio range 7.5 :1 to 4900:1

Sizes: Centre distance from 30mm up to 150mm

Torque: Up to 1600 Nm

Type: Foot and Flange Mounted Versions

Application: Light Duty Conveyor, Inching Drive, etc.

Preferably engineered compact drive solutions from a single source comprising motor, fluid coupling, main gearbox, auxiliary geared motor, brakes, clutch, and base frame.

Application: Conveyor, Barring Drive, Stacker Reclaimer, etc.

Contact

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Website: www.premium-transmission.com



PRERAK ENTERPRISE



Prerak Enterprise, firm located in Gujarat, India are focused in manufacturing of hydraulic hose assembly and specialized in testing the hose assembly with end fittings as per international standard SAE J-343:2017 as well as IS 12092:2018 for Proof Pressure Testing and Burst testing. We have ISO 9001:2015 System certification from SGS and we have our own testing laboratory as per ISO/IEC 17025:2017 NABL Accredited testing laboratory Vide TC – 9447. We have computerized testing machine with capacity of up to 29000 PSI for testing the hose assemblies with end fittings from 1/4" to 2" ID hose.

High Performance hydraulic hose assemblies from 1/4" to 2" ID rubber hose with end fittings as per customer's requirement with Proof pressure testing and burst testing as per Standard SAE J-343:2017 & IS 12092:2018 with computerized in-house state-of-the-art testing rig with ISO/IEC 17025:2017 NABL accredited testing laboratory vide TC-9447.



High Pressure Hydraulic Hose Assemblies for Earth Moving Machineries

Hydraulic Hose Assembly for Mining and Drilling Machineries.

One stop shop for hose assemblies used in Power Pack.

Contact

Email: prerakenterprise@gmail.com

Website: www.hydraulicchase.in

PROMAC ENGINEERING INDUSTRIES LTD.



Promac Engineering Industries Limited is an EPC major, active in the Cement, Power, Steel, and Mineral Processing Sectors. We provide turnkey design, engineering and manufacturing solutions for the Heavy Engineering Process Plants and Bulk Material Handling Systems. Promac was established in the early seventies in Bengaluru, India and is equipped with a state of the art integrated manufacturing facility, and is an ISO 9001-2015 certified company. We have executed numerous Coal Handling Plants & Cement Plants in India and overseas with all machineries manufactured in house.

In the Power and Mining segment Promac has an active Collaboration and Technical tie up with Famak S.A, Poland for the Stacker-Cum-Reclaimers, Wagon Tippers (as per G33 Rev (1), Paddle Feeders, Blender Reclaimer, Bucket Wheel Excavator, Spreader, Shiftable Conveyor, Transport Crawler etc.

For over three decades Promac has had a Technical Collaboration with M/s. Taiheiyō Engineering Corporation, Japan for the Cement Sector.

Promac has built up a prestigious client base worldwide in: Brazil, South Africa, Bahrain, UAE, Sultanate of Oman, Philippines, Tanzania, Senegal, Mali, Republic of Congo, Liberia, Sudan, Nigeria, Central African Republic, Sri Lanka, Nepal, Bangladesh, etc.



Contact

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REDLINE COMMUNICATIONS INC.



Redline Communications designs and manufactures powerful wide-area wireless networks for mission-critical applications in challenging locations. Redline networks are used by Mining companies on surface and underground operations, by Oil & Gas companies onshore and offshore, by municipalities to remotely monitor infrastructure, and by specialized telecom service providers to deliver premium services. Hundreds of businesses worldwide rely on Redline to engineer, plan and deliver ruggedized, secure and reliable networks for their IoT, voice, data, and video communications needs.

Products and services:

Today's mining environments have unprecedented demand for broadband infrastructure, a need for mission critical uptime, best in class security, seamless/uninterrupted mobility, and ample bandwidth to support multimedia applications.

Redline's Virtual Fiber™ and Private LTE (ILTE) industrial wireless solutions are purpose-built to deliver the capacity, range, real-time performance, reliability, security, and longevity necessary.

These solutions are designed and installed as an end-to-end operating network platform, specifically optimized for the unique requirements of the digital mine for both underground and surface deployments. Redline has delivered some of the world's largest, fully connected and most functionally advanced wireless solutions for digital transformation.



Company description:

Redline Communications designs and manufactures powerful wide-area wireless networks for mission-critical applications in challenging locations. Redline networks are used by Mining companies on surface and underground operations, by Oil & Gas companies onshore and offshore, by municipalities to remotely monitor infrastructure, and by specialized telecom service providers to deliver premium services. Hundreds of businesses worldwide rely on Redline to engineer, plan & deliver ruggedized, secure and reliable networks for their IoT, voice, data, and video communications needs.



Contact

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REVATHI EQUIPMENT LTD.

Revathi Equipment has been a leading manufacturer of blast hole drilling rigs for over four decades. Revathi CP was incorporated in 1977 with technical and financial collaboration with Chicago Pneumatic, USA, which was acquired globally in the 1980s by Atlas Copco. Revathi was an Atlas Copco group company until 2003, when it was acquired by the Renaissance Group.



Revathi produces high power range of blast hole drills for mining, deep core exploratory drilling, track drills for construction, water well drills and allied products. Since its inception Revathi has supplied over 2000 drills across the globe.

Presence in India

Revathi currently has a sizeable market share in the addressable market in India. We have supplied over 2000 drills covering hole diameters from 102 mm – 311 mm to customers like Coal India, Singareni Collieries, Central Ground Water Board, Tata Steel, Vedanta, Penna Cement, Orient Cement, Chettinad Cement, Vasavadutta Cement, Vizac Steel Plant, Jaiprakash (JP) Group and NMDC for drilling in coal, limestone, dolomite, iron, copper, gold, zinc, phosphate, bauxite, lignite and other ores. We are executing supplies to more Cement companies like Ultratech Cement, Bharathi Cement (Vicat group) , Zuari Cement (Heidelberg group) and others.

Exports

Our drills have been exported to reputed mining companies in the USA, Australia, South Africa, Indonesia, Brazil and several countries in ME and Africa including Jordan, Nigeria, Zimbabwe, Morocco, Tunisia, etc. We have also designed and exported rigs to Bucyrus (later acquired by Caterpillar) which were sold under their brand name for about five years in multiple geographies including Australia.

Why Revathi

We engineer our drills to suit the mine conditions of the customer, with only those features which help achieve production goals, without compromising on safety. We never push customers to take a higher capacity drill than what is needed for the task at hand. As a result, our drill is not oversized with a bigger engine, a bigger compressor, etc. than needed.

This reduces fuel consumption, in addition to of course bringing down the capital cost of the equipment.

Optimal cost

While the other players sometimes compete with us on the capital cost (by sourcing from China), our spares and service are generally cheaper than theirs. This leads to economies in both, capex and opex, for our customers. Customers save not only on capital cost initially but also save on fuel consumption and spares cost on an ongoing basis.

C600H

- A small compact production drill designed for DTH / Rotary blast hole drilling.
- Smallest carpet size six-inch class pedestal drill - first in the segment.
- Drilling diameter 4.5" to 6" @ single pass 6m and Multi pass 17m.
- Ease access to maintenance area.
- FOPS Cabin
- Tramming with good stability
- Low fuel conception
- Compressor capacity is 600 CFM @200 PSI / 100 PSI



C615H

- A rugged designed DTH Jackless blast hole machine designed especially for limestone quarries and cement quarries.
- Capable of drilling 4" - 6" inch @ Single pass 4m and Multi pass 16m
- Articulated boom for Pre- Splits, Toe, Crest drilling
- Construct straight holes
- Easy Manoeuvrability
- High production rate



C620/25H

- Heavy duty Articulated boom Jackless DTH blasthole machine for heavy duty quarrying and mining operations.
- Built to drilling 4" to 6.5" at single pass 5m & 6 m and Multi pass 30m.
- Easy Maintenance Hydraulic and compressor system
- User friendly operator control systems
- Low operation cost and low fuel conception
- High production rate



C650H

- Designed to drill 5" to 6.5" diameter holes by DTH drilling.
- One man operation drill and built for 24hr nonstop operation
- The C650 drill is available with 9 m and 13mtr single pass, which is first in the segment or up to 45mtr with Multi pass drilling
- The C650H is available in fully mechanical hydraulic, EOH and autonomous.
- Semi-autonomous, fully autonomous, or remotely controlled autonomous drills, being the first in this segment



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RINGFEDER POWER TRANSMISSION INDIA PVT. LTD.

RINGFEDER POWER TRANSMISSION is the global market leader in the niche markets of drive technology and is well regarded for its customer-specific, application-oriented solutions that ensure excellent and failure-free operation for its clients. We offer locking devices, couplings, bearing housings and damping technology for OEMs but also for the final customer under our strong brand name RINGFEDER®.



We not only always provide our ambitious customers with competent advice based on almost 100 years of experience and expertise, but also realize need-based, application-oriented solutions with them that ensure safe, failure-free and economic machine and plant operation – with our aspiration to be Partner for Performance.

RINGFEDER® Locking Assemblies are friction-locked shaft-hub connections manufactured to the highest quality standards. They are suitable for the precise fastening of all types of hubs, e.g., toothed gears, running wheels and chain sprockets, levers, cam discs, belt and brake discs, slip-on gears, couplings, or flanges, on shafts and axles. Keyless RINGFEDER® Locking Assemblies are the superior alternative to conventional shrink-fits, wedge, keyway, or polygonal connections and offer outstanding concentricity and resistance to alternating torsion. Our locking assemblies are available to users in various standard designs and sizes as well as customised special solutions.



RINGFEDER® Shrink Discs are flange-shaped, friction-locked shaft-hub connections and the more powerful and reliable alternative to conventional shrink fits, wedge, keyway, or polygonal connections. RINGFEDER® Shrink Discs also convince through complete freedom from wear and maintenance, easy assembly and dismantling as well as outstanding resistance to alternating torsion and concentricity properties. Depending on customer-specific requirements, our shrink discs are available in proven standard and specially developed special variants, in two- and three part designs as well as in stainless steel. In addition to torque and bending loads, axial and radial loads can also be transmitted.



RINGFEDER® Friction Springs are indispensable safety components in all technology and industry sectors where suddenly occurring forces have to be taken up and kinetic energy absorbed, or where damping systems are required with relatively compact dimensions while also being able to sustain enormous forces. They consist of precisely manufactured outer and inner rings which are assembled to complete spring columns according to the individual requirements of the user. These are 100 % tested and loaded several times before delivery, which guarantees absolute functional reliability – whether as proven standard or highly specific custom-made designs.



High-strength Elastomer Jaw Couplings of the proven RINGFEDER® TNB series – once TSCHAN® TNB – convince globally in the most demanding heavy-duty applications by superior durability and functionality – for maximum operational reliability of the machines and plants of their users. Accordingly, they are preferably used in steel, rolling mill and cement plants, in mining and construction machinery. RINGFEDER® TNB heavy duty couplings can be used in any direction of rotation and installation position and are available to users in a wide range of standard and special variants thanks to their modular design.



The enormously powerful and resilient Elastomer Jaw Couplings of the RINGFEDER® TNS series – formerly known as TSCHAN® TNS – are the preferred choice of leading plant manufacturers and operators, especially in the field of highly demanding heavy-duty applications. They compensate for angular, radial, and axial shaft misalignment within defined ranges. Elastomer Couplings of the RINGFEDER® TNS series, manufactured to the highest quality standards, are extremely service-friendly, can be plugged axially and are applicable in any installation position and direction of rotation. They are available to customers in a wide variety of proven standard and individual special designs.



The versatile and flexible RINGFEDER® Flange Couplings of the TNF series are used to reliably establish a backlash-free connection between two shafts by means of frictional locking. They are the more efficient and economical alternative to conventional press fits. RINGFEDER® Flange Couplings convince by high concentricity and the admissibility of large shaft tolerances. In addition to the highest torques, they also transmit occurring bending moments as well as axial and radial forces precisely and wear-free. Typical applications include gearbox, engine, and plant construction as well as e.g., belt drives used in mining.



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RINGSPANN POWER TRANSMISSION INDIA PVT. LTD.



RINGSPANN Power Transmission India Pvt. Ltd. (RSIN) is a 100% subsidiary of RINGSPANN GmbH. We are Specialists in Mechanical Power Transmission having a wide range of product categories related to Mechanical Power Transmission like:

- Freewheels (Backstops/ Holdbacks/ Overrunning clutches/ One way Clutches).
- Shaft Hub Connections (Locking Assemblies / Shrink Discs).
- Brakes (EHT Drum Brakes / EHT Disc Brakes/ Disc Brakes/ Controlling systems of the brakes/ Storm or Rail Clamp Brakes).
- Couplings.

- Torque Limiters.

RSIN was established in India in 2011 to meet the customer needs across India, Bangladesh, Nepal and the Middle East, we have a dedicated Sales and Service Team across major locations in India. We have a dedicated Technical Support team to assist in selection of the right product to our customers and also to offer better solutions in your existing applications to reduce down time and improve productivity.

Freewheel

(Backstops/ Holdbacks/ Overrunning clutches/ One way Clutches)



Brakes

(EHT Drum Brakes / EHT Disc Brakes/ Disc Brakes/ Controlling systems of the brakes/ Storm or Rail Clamp Brakes)



Shaft Hub Connections

(Locking Assemblies / Shrink Discs).



Couplings



Torque Limiters / Overload Clutches



Precision Clamping Fixtures



Contact

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ROCSCIENCE INC



For over 25 years, our goal at Rocscience has been to create innovative solutions for civil, mining, and geotechnical engineers. Combining the latest research with our continuous cycle of software development, our mission is to deliver industry-leading geotechnical tools that are reliable, easy-to-use, and most importantly, work for you.

Rocscience was built upon the need for analysis, design, and visualization tools in the mining and civil engineering industries.

Starting in 1987, under the leadership of Dr. John Curran, the Rock Engineering Group at the University of Toronto developed and distributed geomechanics software to fill this need. The first suite of programs was supported in part by the Canadian Mining Industry and the provincial and federal governments.

Due to the growing software demand, Rocscience was formed in 1996 as a spin-off company from the University of Toronto to handle the increased distribution around the world.

Product and Company Profiles of Few of the Exhibitors (continued...)

Today, we continue to grow and push the evolution of ideas and technology, but our vision remains the same: To develop geotechnical software tools that help professional engineers in the civil and mining industries overcome the challenges they face every day.

Slide2

Slide2 is a powerful, user-friendly, 2D slope stability analysis program using limit equilibrium method. Slide2 can be used for all types of soil and rock slopes, embankments, earth dams, and retaining walls. Slide2 includes built-in finite element groundwater seepage analysis, probabilistic analysis, multi-scenario modeling, and support design.



Slide3

Slide3 is a 3D slope stability analysis software based on our best-selling Slide2 software. With Slide3 most of the analysis features found in Slide2 are now available in full 3D, including complex geology, anisotropic materials, loading and support.



RS2

RS2 is a powerful 2D finite element program for soil and rock applications. It can be used for a wide range of engineering projects including excavation design, slope stability, groundwater seepage, probabilistic analysis, consolidation, and dynamic analysis capabilities.



RS3

RS3 is a 3D finite element analysis program for modelling slopes, tunnel and support design, surface and underground excavations, foundation design, embankments, consolidation, groundwater seepage and more. With fully-automated Shear Strength Reduction, you can use RS3 for advanced slope stability analysis on the most complex 3D models.



Settle3

The world's leading software for three-dimensional soil settlement analysis. Used by top geotechnical engineers for civil projects around the world, Settle3 is a simple yet sophisticated program that helps you analyze vertical consolidation and settlement under foundations, embankments, and surface loads.



RSPile

RSPile is a general pile analysis software for analyzing driven pile installation, axially loaded piles and laterally loaded piles. It can compute the axial capacity for driven piles as well as the pile internal forces and displacements under various loads and soil displacements. RSPile can also compute pile resistance forces for use in Slide2 for enhanced slope stability analysis.



EX3

EX3 is an engineering analysis software program for underground rock structures. It includes modules for geometric modeling, surface meshing, elastic stress analysis based on the boundary element method, and data visualization/interpretation.



RocFall

When your slope is at risk for rockfalls, RocFall is there for you. Explore the energy, velocity, and bounce height of falling rocks and model remedial measures like barriers. See falling rocks in static reports or animate the rock path for a clear visualization of the rockfall.



Dips

Dips is our popular stereographic projection program for the analysis and presentation of orientation based data. Determine joint sets, perform kinematic analysis of slope stability, and more in this multi-purpose tool. Dips works well with a suite of rock tools, including SWedge and UnWedge.



SWedge

SWedge is a quick and simple-to-use analysis tool for evaluating the geometry and stability of surface wedges in rock slopes. Commonly used together with Dips, SWedge is a key tool for the analysis of rock slope stability.



UnWedge

A key tool for geotechnical engineers that work with tunnels, underground excavations, and caverns, UnWedge is used to determine the stability of rock wedges formed by the intersection of structural discontinuities. UnWedge calculates

factor of safety and can determine support requirements for projects.

CPillar

CPillar is a quick, interactive, and easy-to-use analysis tool for evaluating the stability of surface or underground crown pillars, and laminated roof beds.



RSData

The lack of data input on soil and rock mass properties can be a major obstacle when you're running your geotechnical analyses. RSData helps to remedy this situation by providing analysis tools and data to help you determine rock and soil material properties.



RocPlane

An essential part of your rock slope analysis toolkit, RocPlane is an easy-to-use tool for planar wedge stability analysis and design. RocPlane is an especially useful tool for geotechnical engineers analyzing bench stability in open pit mines and rock slopes.



RocTopple

RocTopple is part of our complete suite of rock slope stability analysis software, which includes SWedge, RocPlane, and Dips. This 2D and 3D software offers users fast and comprehensive solutions to a variety of slope stability problems.



RocSupport

RocSupport is an analysis tool for estimating support requirements of tunnels in weak rock. Rock-support interaction analysis allows you to quickly run parametric analyses for different support types and rock parameters



Contact

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ROTO PUMPS LTD.



Roto Pumps with its rich legacy of 50+ years in fluid engineering solutions is globally trusted for its highly efficient customized pumping solutions. Since its inception, Research & Innovation are the core strengths of Roto Pumps which is deep-rooted in our DNA. Our founder Mr. Ram Ratan Gupta invented the manufacturing process of the Progressive Cavity Pumps in India. Our main motto is to constantly innovate and improve our product portfolio to serve our customers.

With its state of the art manufacturing unit based at Greater Noida, India & Ultra-modern R&D Centre based at Noida, India, Roto Pumps is successfully exporting positive displacement pumps to 10,000+ customers across 50+ countries.

Successfully Handling 5000+ Fluids across 25+ Industries

Biogas, Paper, Sugar, Wastewater, Oil & Gas, Paint, Chemical, Defense & Marine, Mining & Explosives, Food & Pharmaceuticals

Product Range

Progressive Cavity Pumps, Twin Screw Pumps, Gear Pumps, AODD Pumps & Retrofit Spare Parts

PROGRESSIVE CAVITY PUMPS

Roto Progressive Cavity Pumps are designed to handle free flowing viscous as well as abrasive media for continuous or intermittent transfer duties in innumerable applications. These pumps have single rotating element which helps in delivering uniform, metered and non-pulsating flow of media.



Capacity: Up to 500 m³/hr (2,200 GPM)

Pressure: Up to 48 bar (700 PSI)

Viscosity: Up to 3,000,000 cSt

TWIN SCREW PUMPS

Roto Twin Screw Pumps are designed to handle wide variety of clear lubricating, non-lubricating as well as aggressive liquids. These self-priming pumps are capable of handling entrapped air, vapour and gas due to positive displacement action. Moreover, these pumps have in-built relief valve.



Capacity: Up to 940 m³/hr (4,140 GPM)
 Pressure: Up to 30 bar (435 PSI)
 Viscosity: Up to 100,000 cSt

EXTERNAL GEAR PUMPS

Roto's innovative external gear, double herringbone design pumps are compact, efficient and ensure longer service life. These pumps are specially designed to handle thin and thick liquids with minimal or no lubrication. These pumps can also be customized for high-pressure and high-temperature applications.



Capacity: Up to 120 m³/hr (530 GPM)
 Pressure: Up to 11 bar (160 PSI)
 Viscosity: Up to 100,000 cSt

AIR OPERATED DOUBLE DIAPHRAGM (AODD) PUMPS

Roto's range of air operated double diaphragm pumps are positive displacement pumps, driven by compressed air rather than electric motor. These innovative pumps are ideal choice for meeting your demands on high efficiency and low maintenance cost.



Capacity: Up to 120 m³/hr (530 GPM)
 Pressure: Up to 10 bar (145 PSI)
 Viscosity: Up to 10,000 cSt

DOSING PUMPS

These pumps are developed for low flow applications that demand high accuracies and repeatability with unique advantages of smooth and non-pulsating flow. These dosing pumps can handle clean and clear liquids.



The pump is ideal for either intermittent or continuous dosing duties. These dosing pumps can handle minimum flow as low as 0.68 LPH to 500 LPH & ensure proportionate dosing of media.

Capacity: between 0.68 – 500 lph
 Pressure: up to 24 bar

WIDE THROAT PROGRESSIVE CAVITY PUMPS

Wide Throat type inlet allows gravity flow of highly viscous (plastico – Viscous) material on to the augur-on-coupling rod which pushes the substance to the pumping element. Wide Throat Pumps with the twin paddle bridge breaker arrangement at the top are designed for handling extremely difficult media with very high solid content and non – flowing properties.

Available in close coupled and bare shaft configuration. Custom designed hopper is also available on requirement. A variety of construction materials and shaft sealing options are also available.

Capacity: up to 200 m³/hr
 Pressure: up to 36 bar



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SENSITIVE FORGE.



Sensitive Forge is a true leader when it comes to delivering innovative Industrial and Auto-components Solutions, Manufacturing and Exporting of CLOSE DIE STEEL FORGINGS,

Since commencement of operations in 1999 having production capacity of 2500MT/Year, today 4500 MT achieved., SF has achieved several milestones and today it is going to be among the largest and technological advanced manufacturers of Forges & Machined



Components. We have developed various kind of Automotive, Railway, Agriculture Eq., Transmission, Earthmoving eq. etc. as per customer's drawings & specifications.

SF is considered as one of the best manufacturing group having in-house advanced technologies to develop and manufacture various engineering components with highest quality, functionality and cost effectiveness.

Sensitive Forge is ISO 9001:2015 certified company and having team of well qualified Engineers, Technicians and workers to get complete Customer Satisfaction though Continues Improvements.



GRINDING MEDIA STEEL BALLS

Size: 40mm to 140mm.
 Material : EN-8D , EN-9



YOKE , UNIVERSAL JOINTS, HUB, YOKE SHAFT

Material: 20MnCr5, En-8, or as per specification.

We have developed more than 450 type of components.



CLOSE DIE STEEL FORGING

PNEUMATICS HAMMER MACHINE

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SHREE GUHAN ENGINEERING PROJECTS PVT. LTD. - SGEPLL



SGEPLL
 Think Automation Think Us

SGEPLL is into manufacture of tyre handlers for mining industries. Tyre handlers are indigenously manufactured by us in our state of art facility in Chennai.

SGEPLL has chosen this product & have given special attention during design stage to ensure human efforts are minimized to greater extent during change of tyres in dumper trucks between 35 to 250 Ton even any other capacity we can custom built accordingly , which was earlier a mammoth task.

SGEPLL's Tyre handlers are designed & manufactured to suite any wheel loaders available in the mining industry, this way we have ensured that customers don't have to procure a specific wheel loader and can use any wheel loaders available with them. A huge capital investment by our customers is reduced because of the above.

SGEPLL also has a quick-change coupling mechanism developed indigenously to ensure customers can use their existing wheel loaders for other intended purposes.

SGEPLL ensures "CUSTOMER DELIGHT" by maintaining transparency and seamless execution of orders received till commissioning and handholding the product to customer.

Tyre handler coupled with I&t 9020 wheel loader is successfully commissioned in r.k.t mines dhanbad, jharkand. Our tyre handler capacity is 3.5 ton, it is used for changing tyres up to 100ton dumpers.



Tyre handler coupled with I&t 9020 wheel loader is successfully commissioned in dev prabha mines dhanbad, jharkand. Our tyre handler capacity is 3.5 ton, it is used for changing tyres up to 100ton dumpers.



Tyre handler coupled with hitachi zw220 wheel loader is successfully commissioned in vpr mines manugur, telengana. Our tyre handler capacity is 3.5 ton, it is used for changing tyres up to 100ton dumpers.



Tyre handler coupled with volvo l120f wheel loader is successfully commissioned in grn mines kairagura, telengana. Our tyre handler capacity is 3.5 ton, it is used for changing tyres up to 100ton dumpers.



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SIT PTC INDIA PVT. LTD.



The SIT group is a leading global manufacturer and supplier of industrial power transmission solutions.

The company dates as far back 1838, when the parent company started to develop and manufacture technological components for the textile industry, and later diversified its production into the mechanical transmission segment. Today, thanks to over 50 years of specific experience in power transmission and a close – knot team of highly qualified professionals, the group engages in constant technological innovation in order to offer the best application solutions in mechanical power drives.

In order to cater to Indian market SIT PTC INDIA PVT. LTD. Was established in year 2019 and since then SIT India is serving many OEMS with consistent sales.

Our mission is to provide customers with the most technically efficient and economic solutions. Our personal and partnership commitment means we can be at your side to propose and inspire innovative ideas and solutions.

TRASCO COUPLINGS

Trasco Flexible coupling is the flexible and Omocinetic coupling that assures the best performance in relation to the physical space occupied in its class. It has a very compact design and allows safe transmission by absorbing peak loads and torsional vibrations. More ever the elastic design of the polyurethane gear ring compensates for angular and radial misalignments and also absorbs small shaft length variations. The high duty factor of TRASCO Couplings is due to the fact that the elastic element works under compression and never under flexion. The couplings are suitable for both horizontal and vertical positions.



TRASCO ES

Trasco ES is our zero backlash coupling designed to compensate for misalignments and vibration dampening for indexing applications. The compact design of Trasco ES makes it the right choice for all precise motion applications.

Main Applications:

- Servomotors
- Robotics
- Sliding Tables
- For Machine Spindles
- Ball Screws



METAL DRIVE DISK COUPLINGS

Metal drive couplings are fully made of steel and are used in all applications where high reliability, precision, and no maintenance are required.

Features:

- Superior disk pack profile and assembly optimised for higher torque and misalignment and lower restoring forces.
- Maintenance lubrication and wear free.
- Backlash free and torsionally rigid.
- Wide range of temperature allowed -40 deg. C To + 250 deg. C
- Easy Installation



SERVOPLUS METAL BELLOW COUPLINGS

SERVOPLUS bellow couplings are the perfect couplings for all servo motor applications where high torsional rigidity, truly backlash free torque transmission, low inertia and superior reliability are required. The innovative modular system allows quick delivery and competitive cost advantage.

Features:

- Backlash free for highest torque transmission precision.
- Low Moment of Inertia.
- Allow for axial / radial and angular misalignments
- Easy Mounting.
- High Torsional Rigidity.
- Material aluminium hub and bellows in Stainless steel.



SITLOCK SELF LOCKING ELEMENTS

- SITLOCK is a perfect tool on the Shaft – Hub connection against the conventional

Feather Key arrangement.

- Easy Assembly and Disassembly – Both actions takes place by locking and unlocking the clamping screws with common tools.
- Superior Holding power – The action of the clamping cones creates shaft clamping torque superior to a normal keyed hub.
- Precision Location – With the Sitlock smooth cone action the Sitlock is ideal for clamping cams, timing devices and indexing mechanisms accurately and precisely.
- Unlimited use Possibilities – Sitlock units are suitable to connect any type of hub (flywheels, chain wheels, gears, levers, pulleys couplings etc).



SITEX TEETH COUPLINGS

SITEX couplings consist of two toothed hubs which are connected with one internal teeth sleeve. The hubs are made of steel and the teeth, which are both profiled and section crowned are obtained by milling operation. The sleeve is manufactured from Stabilized 6.6 super polyamide resin.



Sitex couplings are the members of the elastic coupling family range. In an excellent way they compensate for axial, radial and angular displacement. The cardanic action eliminates the imposition of loads on the shafts which result for axial and radial misalignment.

PRECISION JOINTS

SIT make precision joints come in two categories

For maximum 1000 RPM – Joints with plain bearing TYPE "E" have wear resistant sliding bushes from cemented and hardened steel. Strong precise and versatile for wide applications.



For maximum 4000 RPM – Joints with needle bearings TYPE "H" have roller bearings lubricated for life. No maintenance required. Precise and versatile, silent and smooth running suitable for wide applications.

POLYURETHANE TIMING BELTS

ELATECH timing belts are produced in rolls and are available in any desired lengths. Wide range of pitches and profiles including double toothings.

Belts available in open end / welded / endless.

Benefits:

- High Transmission capacity.
- High Abrasion Resistance
- Operating range from -10 deg. C To + 80 deg. C



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SKYLARK DRONES



Skylark Drones is a technology company that is building the core infrastructure for the global drone ecosystem. Our platform empowers Fortune 500 companies as well as 60+ large enterprises with drone based insights & analytics.

Skylark Drones is India's first fully compliant drone solutions provider. As one of the earliest players in the drone tech space, Skylark is ranked #4 in the world by Drone Industry Insights. Skylark Drones specializes in providing drone-based insights for large enterprises. Invested in every part of the drone ecosystem, Skylark Drones' proprietary softwares are helping some of India's largest enterprises operate more efficiently.

Skylark's mission is to unlock the economic potential of the skies. We envision a world where people and businesses do meaningful work from an open and connected sky; work that propels human productivity forward and fundamentally alters the way our worksites and cities function.

Spectra

Spectra is an integrated drone data & insights platform to visualise worksites and perform AI-powered analytics that helps teams plan better, construct faster, and sustain longer. Anywhere. Anytime.



Drone Mission Ops (DMO)

DMO is a full-stack drone flight solution that enables drone pilots, service providers, and enterprises to execute fast, accurate, and seamless drone missions.



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Website: www.skylarkdrones.com



STM CONSTRUCTION EQUIPMENT INDIA PVT. LTD.



STM Construction Equipment was founded in 2010 in Singapore and established an Indian branch office in Navi Mumbai in 2012. The company specialises in introducing new and advanced methods from manufacturers in Europe and Japan. The main products include Xcentric Ripper for soft rock, Yamamoto Rock Splitter for hard rock, STM Rock Breakers and Darda handheld rock splitters. STM strives to provide the best possible aftersales support, both in terms of highly trained service engineers, as well as a high level of spare parts and consumable inventory. Through a close and long term cooperation with our overseas principals we can solve technical issues quickly but also give feedback to make products more suitable for Indian requirements.

Xcentric Ripper is a newly developed excavator attachment specifically designed for primary excavation of rock without the use of explosives. It is based on a patented impact vibration accumulation technology, which enables excavation in less time, at lower cost, and with minimal noise compared to conventional rock breakers. It was developed in Europe in 2009 and was introduced in India in 2012. The main applications include limestone mines and overburden removal in coal mines. It is mounted on conventional excavators and often used to replace blasting and surface miners. There are currently about 70 units working in India.



Contact

Email: jagdish@stm-ce.com

Website: www.stm-ce.com



TAKRAF INDIA PVT. LTD.



TAKRAF India Pvt. Ltd., Chennai is a fully owned subsidiary within Techint group and is responsible for Open pit mining, material handling equipment & systems falling under the well renowned brand TAKRAF. TIND is fully supported by TAKRAF GmbH, who are the world leader in this field.

TAKRAF has provided more than hundreds of complete mining, materials handling systems and individual machines to clients all over the world, in all climatic conditions. From the extreme sub-zero temperatures of central Siberia to the hot & dry climates of Australia and Africa, from the tropical climates in South East Asia to the high altitude of the Andes with its ever present earthquake threat.

TAKRAF operates worldwide serving the mining companies; especially iron ore, copper ore and coal extraction companies, port terminals and final users of the bulk materials.

TAKRAF's product portfolio comprises of Bulk Material Handling Systems, Overland Long distance Belt Conveyors, Pipe / Tube Conveyors, Specialized conveying system, Bucket wheel excavators, Spreaders, Mobile transfer conveyors, Stackers, Reclaimers, Scraper Reclaimers, Circular Blending System, Stacker cum Reclaimers, Barrel Reclaimer, Wagon Tipplers, Ship Loaders, Ship Un-loaders, Sizers, Special Cranes & Crushing System

STACKERS

We supply a complete range of machines for the heaping of circular or longitudinal

piles, as well as for homogenizing and blending. All configurations available including fixed, radial and fully mobile long-travel options, with the option to include slewing and/or luffing as required.

RECLAIMERS

A variety of different machine types can be employed to reclaim stacked material from stockpiles. Typical machines include bridge and boom-type bucket-wheel machines, drum reclaimers, scraper reclaimers and circular stacker/reclaimers. Capacities range anywhere from 300 to +20,000 t/h.

SCRAPER RECLAIMERS

Scrapers are a proven, reliable and cost effective solution for numerous bulk materials and we boast a range of machine configurations specifically designed to your specific requirements, including portal, semi-portal and bridge scraper reclaimer types.

COMBINED STACKER/RECLAIMERS

Primarily employed where medium or large material flows are to be stacked and then later reclaimed by the same machine. Our machines are all specifically designed to our client's requirements including all forms of circular stacker/reclaimer systems and through-loading options.

CONVEYORS

We design, fabricate and supply a wide range of conveyors. From light in-plant conveyors to large shiftable, semi-fixed and fixed belt conveyors and tube conveyors, with or without advanced gearless drive technology. Capacities range anywhere from 100 to +20,000 t/h.

SHIP OR BARGE LOADERS & UNLOADERS

Our ship loading and unloading systems can be employed across a wide variety of applications as well as catering to a range of vessel sizes from small barge trans-shipment operations up to the largest Capesize vessels.

WAGON UNLOADING

Our wagon unloading system and equipment cater to our client's requirements and incorporate various solutions according to their specific application, including actual site conditions and the minimizing of environmental impact.

SIZERS

We offer standardized primary, secondary and X-TREME class sizers for various crushing applications, as well as unique machines that cater to specific client requirements. We are now able to integrate our proprietary machines into our complete mining and crushing plant solutions in instances where it provides the best outcome for our clients.

Contact

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Website: www.takraf.com



TATA HITACHI

TATA HITACHI

Reliable solutions

Tata Hitachi Construction Machinery Company Private Limited, the leader in construction equipment in India, enhances the operational performance of its customers, leading to improved profitability and competitiveness by offering constructive solutions.

Tata Hitachi is a subsidiary company of Hitachi Construction Machinery Co. Ltd., which holds 60% share and Tata Motors Ltd. holding 40%.

Tata Hitachi is focused on capitalizing the opportunity in the domestic arena for which the key market segments are excavators, wheeled products, cranes and others. Tata Hitachi's consistent growth and success has been built on the foundation of the company's ability to understand customers' needs and provide equipment alongside support solutions that increase profitability and competitiveness.

Providing Reliable Solutions:

The Company's capabilities to deliver reliable solutions starts with the comprehensive range of machines which ensures that the customer has exactly the right kind of equipment for their needs.

Product and Company Profiles of Few of the Exhibitors (continued...)

Tata Hitachi also has a full – fledged Design and Development set-up for developing indigenous and collaborated equipments. Tata Hitachi is actively participating in creating the new R&D facilities at Kharagpur with the aim to make the new centre a global R&D hub. Tata Hitachi is one of the largest manufacturers of construction equipment in the country and has two manufacturing plants at – Dharwad in Karnataka, Kharagpur in West Bengal

Providing Reliable Support:

Our endeavour is to provide reliable solutions to our customers. Our widespread network, which ensures that customers are never too far away from our centres, helps us achieve this. Tata Hitachi Dealers provide support to the customers through parts and expert service. The company also takes pride in its marketing and service network of 230+ touch points – one of the largest distribution networks in the country.

Tata Hitachi focuses on value added service offerings too- Full Maintenance Contracts, which complete the offering to customers and enable them to free up precious resources for core activities. We offer specialized reconditioning and refurbishing services to ensure that the utility of the equipment is extended and life cycle costs are brought down.

The new ZAXIS 470H offers key benefits of high quality, low fuel consumption, high durability, and exceptional operator comfort: all of which serve to ensure low running costs.

315 HP (235 KW)

Engine Power

47,100 KG

Operating Weight

1.9-3.1 m³

Bucket Capacity



ZAXIS 470H

The ZAXIS 650H provides reliable performance, great fuel economy, swift front movement and easy operation. A rugged and tough machine, this excavator is effective for challenging job sites and is suited for long term projects because of its long product life.

295 KW (400 PS)

Engine Power

58,340 KG

Operating Weight

3.3 - 3.8 m³

Bucket Capacity



ZAXIS 650H

The ZAXIS 870-5G, equipped with HIOS IIIIB hydraulic system, has an increased operating speed with less fuel consumption, resulting in greater productivity and lower running costs. It has a reliable undercarriage and strengthened upper structure. The engine is reliable and durable in challenging environments. The parallel arrangement of the radiator and oil cooler gives it a great cooling system.

360 KW (483 HP)

Engine Power

82,300 KG

Operating Weight

2.9-4.5 m³

Bucket Capacity



ZAXIS 870-5G

The 'New Techno Giant'- Tata Hitachi's EX 1200V – has been designed for absolute safety, productivity, durability and comfort. Equipped with the latest technology, this machine promises higher productivity and tough performance to take on the excavating needs of today and tomorrow.

1,650 RPM (760 HP)

Engine Power

1,09,000 KG

Operating Weight

4.0 - 6.5 m³

Bucket Capacity



EX 1200V

The EX 1900-6 is an advanced hydraulic mining excavator with a powerful engine. It offers a large bucket, a comfortable cab, strong frames, and much more to take on the world's most challenging mines and quarries.

1,086 HP

Engine Power

1,91,000 KG

Operating Weight

8.8 - 12.0 m³



EX 1900-6

Bucket Capacity

With an environment friendly emission control engine, the EX 2600-7 delivers utmost efficiency. Its large-capacity bucket is shaped to enhance scoop and loading operations.

1,119 KW (1,500 HP)

Engine Power

2,58,000 - 2,60,000 KG

Operating Weight

17.0 m³

Bucket Capacity



EX 2600-7

Known for its extraordinary performance and dependability, the EX 3600-6 also sets a new standard in simple operations, operator comfort and much more.

1,450 KW (1,944 HP)

Engine Power

3,62,000 KG

Operating Weight

21 - 23 m³

Bucket Capacity



EX 3600-6

The Tata-Hitachi EH-600 RDTs are designed for fuel efficiency, longevity and ease of operation.

2100 RPM (289 KW)

Engine Power

58,490 KG

Operating Weight

35.3 US Tons

Bucket Capacity



EH 600

Hitachi's EH 3500AC-3 Rigid Dump Truck (RDT) is a mid-range truck with a nominal payload of 181 tonnes. The machine is known for its superior hauling capabilities. The Hitachi engineered AC drives make the hauler a valuable asset in mining operations.

1,491-1,510 KW

Engine Power

3,22,000 KG

Operating Weight

200 Ton (nominal payload)

Bucket Capacity



EH 3500AC-3

The EH 4000AC-3 is one of Hitachi's larger Rigid Dump Trucks (RDTs) with a nominal payload of over 220 tonnes. Better performance, higher availability, and significant reduction in maintenance and operating costs – all result in a lower cost per tonne and a higher return on investment.

1,864 KW (2,500 HP)

Engine Power

3,84,000 KG

Operating Weight

221 Ton (nominal payload)

Bucket Capacity



EH 4000AC-3

The EH 5000AC-3 Rigid Dump Truck (RDT) is the largest of the Hitachi RDTs with a nominal payload of over 296 tonnes, and a reputation in the surface mining industry. The truck proves to be exceedingly capable and reliable with drive control systems, economic advantages, a high-powered engine and a strong-structured body.

2,125 KW (2,850 HP)

Engine Power

5,00,000 KG

Operating Weight

1.5 - 3.0 m³

Bucket Capacity



EH 5000AC-3

Contact

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TECKNOWELD ALLOYS (INDIA) PVT. LTD.

Tecknoweld, World's Largest Leading Manufacturer of Wear Plates. We cater to the needs of wear protection requirements of core sector industries like Power, Cement, Mining, Steel, Earth Moving machineries and their OEMs in India and as well as all over the world.



From a modest beginning in the 90's, Tecknoweld have come a long way to become world's top line Company in Wear Protection with a capacity to manufacture over 300,000 sq.m/annum.

Standard and custom made alloy chemistries to meet client's application needs. Ready to install wear parts in different forms & shapes, Cost effective by performance compared to Manganese steel, Stainless steel, hi-Chrome, Ni-hard, quenched and tempered Steel

OUR VISION

To be acknowledged as Global Leader in wear protection

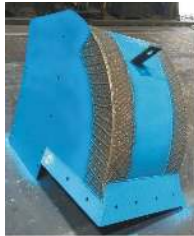
OUR MISSION

Design and deliver cutting-edge wear-resistant solutions to global core sector industries.

OUR STRATEGY

Reaching out to global core sector industries and provide them with on-time, cost-effective, state of the art wear solutions.

Tecknoweld products cover an entire spectrum of hard facing including simple Chromium Carbides, complex Carbides, Titanium Carbides, Tungsten Carbides, Chrome Tungsten Carbides and PTA applied Tungsten Carbides.



WEAR BUCKET:

Earth moving machinery wear bucket with the composition of ULTRA PLATE 2000. Used in Minings & Crushing application at material handling areas with excellent abrasive and impact resistance with various size and designs.



STUD JOB:

Wear plates with stud for easy fixing in original mining equipments to avoid damaging of machinery and ensure the efficiency of the machine by reducing the down time. A fine combination of good abrasion and temperature withstanding composition with our ULTRA PLATE 2000.



SPLITTER PLATE:

Splitter Plate assembly - COAL NOZZLE TIP 660 MW UNIT with 8mm SS-310 + 4mm Hard overlay. With the composition of ULTRA PLATE 4000 to withstand high temperature in coal fired thermal power stations.



SCREEN PLATE:

Screen plate (shredder) with mild steel flanges in the composition of ULTRA PLATE 3000 with Rich primary carbides used in baling & shearing machines.



SHELL FABRICATION:

Fabrication of Shell with MOC Size:- Ø1200X4060 with the thick of 8 on 10 Of ULTRA PLATE 6000 with Rich primary M7C3 carbides along with W, Nb, Mo and B carbides.



RING WITH DEFLECTORS:

Ring with Deflectors in composition of ULTRA PLATE 5000 H with rich primary M7C3 carbides + Boron carbides. Used in Steel, Power and cement applications.

Contact

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THEJO ENGINEERING LTD.



We are pioneers of conveyor belt Splicing by cold vulcanizing process, In-situ pulley lagging & In-situ recapping of conveyor belts and Leading industrial solution provider for belt conveyor based bulk material handling systems, mining & mineral processing and corrosion protection application.

We are one of the few companies in the sub-continent offering manufacturing, marketing and servicing activities under one roof. Thejo has global presence with subsidiaries in Australia, Saudi Arabia, Brazil and Chile.

Headquartered in Chennai with 5 manufacturing plants and R&D Centre, approved by the Department of Scientific and Industrial Research, Ministry of Science and Technology of India (DSIR). Thejo was started as a partnership firm and has now transformed into a Listed Public Limited company. We are the First Company to list in National Stock Exchange of India – EMERGE platform.

CONVEYOR CARE

From raw material handling to final product dispatch, Conveyor systems forms the lifeline to any industry where material handling is involved. Belts are the most expensive part of a conveyor system. Regular maintenance and upkeep plays a very important role in increasing the service life of a conveyor system. Thejo offers a host of solutions for proper installation, maintenance and upkeep of belt conveyors, under our Conveyor Care division. Thejo's Conveyor Care Solutions include:

- Belt Conveyor Splicing and Repair Chemicals
- Belt Conveyor vulcanising equipment
- Belt Conveyor pulley protection
- Belt Conveyor handling equipment (Belt Coiler & De-Coiler)
- Belt Conveyor splicing and repair tools



TRANSFER POINT SOLUTIONS

Transfer point is a vital part of any conveyor system, influencing the efficiency and productivity of the entire material handling system. A well designed transfer point is essential to eliminate fugitive material and thereby increasing the efficiency of the conveyor system.

- Our Transfer Point Solutions offer:
- Elimination of spillage and carry back of material
- Tracking of the belt conveyor
- Effective load zone support system
- Safe and dust free work environment.
- Increased efficiency of the conveyor.



ABRASION AND WEAR PROTECTION

Impact, Wear & Abrasion Solution products marketed globally, help to optimize process performance while achieving the targets of customers. The products are tailored to suit the customer specific needs and expectations.

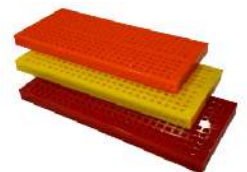
- Wear solutions offering in:
- Rubber
- Composite Liners (Rubber & Alloy Steel), (Rubber & Ceramics), (PU&Ceramics)
- Ceramic
- Polyurethane
- UHMWPE etc.



SCREENING SOLUTIONS

Grator screen panels are designed and engineered with decades of experience in applications covering a wide variety of duty conditions. Our objective is to reduce the cost-per-hourly tonnage in separation, reduction, sizing, washing or De-watering applications. GRATATOR products are available for the following applications;

- Scalping and Sizing
- Dewatering
- Flip Flow
- Trommels
- Grator Screening Medias come in Rubber or Polyurethane.



FILTRATION

HIPO' brand of filtration solution products marketed globally, help to optimize process while meeting all requirements and targets of our customers. The products are tailored to suit and meet the customer specific needs and expectations.



HIPO spares retrofit standard spares of different OEMs like Outotec-Larox, Diemme filtration, Metso, Andritz etc., with higher quality parts at economic prices.



CORROSION PROTECTION

Thejo is among the few organisations offering a comprehensive line of corrosion resistant rubber linings in both hot and cold process. Since inception, Thejo has continuously researched and developed products to create and offer economic solutions to the industry.



Thejo have the unique advantage of formulating and mixing its own rubber compounds, manufacturing the various rubber lining materials, fabricating vessels and pipelines etc., carrying out the rubber lining at its state-of-the-art factories, ensuring production and cost control without compromise to quality.

DUST SUPPRESSION

Thejo offers High Pressure Fogging System for suppression of dust arising during bulk material handling.



FLOW PROMOTION

Thejo offers a complete series of Air Cannons featuring tried and tested designs combined with latest cutting-edge technology.

Contact

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Website: www.thejo-engg.com



USHA MARTIN LTD.



Usha Martin is one of the world's leading wire rope manufacturer. More than six decades of excellence, today we are a multi-unit and multi-product organisation. The wire rope manufacturing facilities located in Ranchi, Hoshiarpur, Dubai, Bangkok and UK produces one of the widest range of wire ropes in the world. The infrastructural facilities are equipped with the latest state-of-the-art high capacity machines to manufacture world-class products. Long standing application in diverse sectors like Mining, Oil & Offshore, Crane, Elevator, Infrastructure etc. is the testimony of our expertise in manufacturing high quality wire rope products and offering value added services.

When it comes to critical operations in mining, the global mining companies rely on us. Our wire ropes are designed to perform in harsh mining conditions in both surface and underground mining. No matter, how critical your application is, Usha Martin's expertise in design and manufacturing of mining rope is always there to meet your requirement. All ropes undergo rigorous testing procedures to meet the technical specifications, as per our customer demand in today's challenging working conditions.

Our ropes provide:

- High resistance to fatigue, wear and abrasion.
- Low downtime.
- Long operational life.

SURFACE MINING :

- Dragline: Hoist rope, Drag rope, Dump rope.
- Shovel: Hoist rope, Crowd rope/Retract rope, Trip rope, Boom suspension rope.
- Bucket Excavator: Boom suspension Rope.



UNDERGROUND MINING :

- Conventional Winder: Hoist rope

- Friction Winder (Ground/Tower) mounted: Hoist rope, Balance rope, Guide rope
- Chair Lift, Chair Car System: Haulage rope
- Direct Hauling System: Haulage Rope



MATERIAL TRANSPORTATION :

- Aerial Transportation Ropes
- Monocable System: Haulage ropes
- Bicable System: Haulage rope, Track rope
- Cable belt conveying system : Round strand ropes



Contact

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V ENGINEERING ENTERPRISES



We are manufactures of Mining Buckets for Loaders, Shovels and Excavators also makes Long reach and Short Reach as per Customer requirement. Company Profile attached for your ready reference. We are located at Visakhapatnam, Andhra Pradesh, can supply our products to anywhere in the World with high quality material and at competitive price. We are mainly using GET Kits from Hensley USA and other high-quality products, steel plates mainly from Japan and Europe make. **For wear resistance we use Hard Steel of Hardox make 400/450/500 Grade** as per customer requirement.

We are vendors for L&T Mining and supply 12 and 9 CuM Buckets for PC2000 and 6.7 CuM buckets for PC1250 Excavators. We also supply shovel and backhoe buckets to MCL, CCL, NMDC and other Corporates. Special purpose Buckets like High Temperature Slag Bucket, Scooped Bucket, Perforated Bucket, Grapple, Side Dump Bucket, Trapezoidal Bucket etc. are some of our Products.



Our Products for **Mining Excavators** include:

Backhoe Buckets – sizes up to 12 cum. Special purpose bucket designs can also be done.

Shovel Buckets (front and back) – up to 6.5 cum

Wheel Loader Bucket – up to 6 cum.



Our Products for **Earthmoving Excavators** include:

Bucket – Backhoe, Shovel and Loader

Boom – Standard, extended and short sizes as per custom design

Arm – Standard, extended and short sizes as per custom design

Special purpose Buckets - Perforated Buckets, Grapple Buckets, Side Dump Buckets, Reverse Dump Buckets,



Scoop Buckets etc.

Ripper, Control Rod, Track Guard, Pins and Bushes, Cutting Edges etc.

We follow standard quality procedures in all stages of fabrication process from material purchase till final coat of painting. We purchase raw material from reliable sources and thus reduce unnecessary downtime for customers. Our buckets come with a warranty of 6 months for workmanship and raw material defects. We are looking ahead to work along with you for your requirements of mining equipment Buckets.



12CuM Backhoe Bucket for PC2000 Machine supplied to M/s. L&T Mining Division.

6.7CuM Backhoe Bucket Hard Bucket for PC1250 M/s. L&T Mining Division.

Grapple having Loading capacity of 5 to 6 Tons Supplied to M/s. ITD Cementation for Vizhinjam Sea Port Project.



6.1CuM Shovel Bucket for BE1000 Machine supplied to M/s. MCL.

6.3 CuM. Hot Slag handling Loader bucket for Volvo 988k supplied to M/s. Harsco.

Side Dump Bucket 2.2 CuM. For Liebherr L550 Machine supplied to M/s. Prathima Infra. Perfect for working in congested work sites. (First time Make in India)

Contact

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VAS TRIBOLOGY SOLUTIONS PVT. LTD.

Vas Tribology Solutions, India's only comprehensive lubrication services provider.



Vas Tribology Solutions helps companies enable reliability through better lubrication processes. For more than 10 years, our approach has changed many organizations to manage and monitor their lubricants and lubrication for maintaining optimum reliability and safety. We are the trusted advisor to the world's leading organizations for their lubrication excellence.

Our practices are disseminated through world-leading training courses on Machinery lubrication and lubricated asset reliability, Total Fluid management services, consulting services, publications on Machinery lubrication and Oil analysis.

We helped many industries in reducing the carbon footprint by our versatile and scientific Total Fluid / Lubrication Management (TFM) service where we deploy our trained personnel to manage onsite lubrication and coolant related activities. We take a reliability-focused approach and aim at establishing world-class lubrication management at your facility.

Total Fluid / Lubrication Management (TFM) is a service where we deploy our trained personnel to manage your onsite lubrication, coolant related activities. We take a reliability-focused approach and aim at establishing world-class lubrication practices at your facility that will reduce the lubricant consumption and increases the equipment availability.



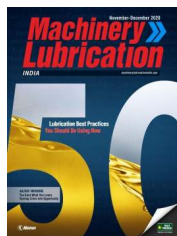
LPD-Lubrication Program Development helps you move from basic to benchmark lubrication for better asset reliability. Noria's LPD services begin with framing the need, the transformation plan and the priorities to get started that will eventually transform your plant into lubrication enabled reliability.



Lubrication Institute provides internationally accepted and highly renowned Noria's Lubrication and Oil analysis certification courses in India, Bangladesh, Sri Lanka, and the Middle East. These practical courses overview how lubricants work and many elements that are important to an effective lubrication program. Attendees will leave the training with an understanding of why lubricants should be cared for as an important asset and why lubricating your machinery correctly is critical.



India's first magazine on lubricants, lubrication & reliability, Machinery Lubrication India has been the standard for machinery/process and lubricant professionals in this region with informative articles and case studies from industry. The magazine covers aspects of tribology, machinery lubrication from lubrication fundamentals, lubrication basics for machinery designers/engineers/operators, and best practices for lubrication storage and handling, lubrication analysis/interpretation and lubrication program development.



Machinery Lubrication India is a B2B media brand created for professionals with interests in the lubricant, industrial lubrication, oil analysis, filtration, condition monitoring, equipment reliability etc.

LubeServ India- One stop solution for all your lubrication hardware & accessories.



Sealable and Reusable (S & R) Containers are the smarter way of handling the lubricants to ensure the uncontaminated lubricant is transfer to your critical assets.

Proper oil storage and dispensing are the first line of defence for protecting the integrity of your bulk oil supply. Modern oil storage containers and dispensing systems



make it easier than ever to organize, store and dispense multiple types of oil from the same station while preventing cross-contamination through proper identification systems



LubeServ India offers its industrial leading Power Gel and Dual Zone Micro glass media in several consumable and rebuild able Power Breather options allowing customers to choose the best fit for their application. With our breathers lasting an average of 20% longer than the competition, customers save not only on yearly breather spend but also on the cost of maintenance.



LubeServ India Lubrication Plus-Provides excellent lubrication and oil condition monitoring instruments and accessories to achieve the world class lubrication practices.



Lubrication Plus-Oil Condition monitoring sensors are innovative realtime monitoring of lubricant's health condition and Wear Debris monitoring for assessing the equipment health condition.



Lubricant tags and labels and Grease nipple caps – durable for factory use – can be customized with a wide variety of options to display the identifying information. You can create a single tag or thousands of different tags, depending on your organization's needs



Oil Sampling is considered as heart of the oil condition monitoring activity. LubeServ-Checkfluid provide the oil sampling accessories for all your critical assets that ensure most representative sampling first time and every time. LubeServ-Oelcheck Germany



Lubricant, Grease, Coolant, Fuel and Transformer oil analysis services from World-Class oil analysis laboratory from Germany.



Contact

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VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PVT. LTD.



Innovative level and pressure measurement technology that combines high safety standards and efficiency with easy operability – this is what VEGA has stood for, for the past 60 years. VEGA India, a wholly-owned subsidiary of VEGA Grieshaber KG, Germany, has been catering Indian market for a decade now. In this short span, VEGA India has been successful in instilling the same trust that the brand VEGA holds worldwide. The product portfolio includes sensors for the measurement of level, point level and pressure as well as hardware and software for integration into process control systems. All its products and services are designed to uphold 'made in Germany' quality promise. As a pioneer in radar technology, VEGA India provides the optimum solutions to vast industries ranging from chemicals, petrochemicals, pharmaceuticals, food & beverages, power, oil & gas, to mining, metals etc. The company holds all necessary certificates and approvals that indicate its products are compliant with safety and quality standards worldwide.

Product Portfolio to optimize your processes:

- **Continuous Level Measurement**
 - Radar
 - Guided Wave Radar (GWR)
 - Ultrasonic
 - Capacitive
 - Hydrostatic
- **Point Level Detection**
 - Vibration
 - Capacitive
 - Radar
 - Conductive
- **Pressure Measurement**
 - Process Pressure
 - Hydrostatic
 - Differential Pressure

Product and Company Profiles of Few of the Exhibitors (continued...)

- **Flow Measurement**
 - Differential Pressure
- **Density Measurement**
 - Differential Pressure
 - Hydrostatic
- **Radiometric Instruments**
 - Continuous Level
 - Density Measurement
 - Flow Measurement

Minitrac 31

It's a radiation-based sensor mainly used for non-contact density measurement of liquids and bulk solids. It is mounted external to the pipeline or vessel walls. Due to the compact design, it is ideal for mounting in hard to access areas and also provides high plant availability.

It delivers exact measurements irrespective of the process conditions.



Weightrac 31

The WEIGHTRAC 31 is a radiation-based sensor for precise flow measurement of bulk solids. It is ideal for mass flow determination on conveyor belts and in conveyor spirals in all industries. Due to its frame construction, the WEIGHTRAC 31 can be simply retrofitted to the conveyor belt.

As it's a non-contact measurement technology, it's wear-free and exact determination of the delivery volume can be done.



VEGAMIP T61 and VEGAMIP R61

The VEGAMIP T61 is the emitting unit of the microwave barrier while VEGAMIP R61 is the receiving unit of the microwave emitter VEGAMIP T61, used for level detection of bulk solids and liquids. Typical applications are the detection of bulk solids in silos, bunkers and crushers as well as of liquids in tubes and vessels. The non-contact measuring principle has no direct contact with the medium and guarantees wear and maintenance-free permanent operation.



VEGAPULS 69

Based on 80 GHz technology, it's an all-around radar level measurement instrument for bulk solids. It offers safety, reliability and accuracy for a wide application spectrum. VEGA's 80 GHz radar technology coupled with a few unique functions like a high signal to noise ratio & sensitivity time control function (STC) gives some unique benefits like

- Focused beam
- Measurement possible in small containers or threaded nozzles
- Measurement immune to condensation & deposition
- Measurement is possible with isolation ball valves, long nozzles etc.

It operates with a dynamic range of 120 dB, which is significantly higher than the dynamic range of 26 GHz frequency Radar, which is 96 dB. This imparts advantages like

- Better focussing
- Higher dynamic response
- Large measuring range



VEGAPULS and VEGAPULS C

New VEGAPULS and VEGAPULS C non-contact radar level sensors are based on 80 GHz technology. They are compact, cost-effective, deliver reliable and accurate measurement under all process conditions. VEGAPULS comes with a cable connection compartment and with a display option while the VEGAPULS C series has a fixed cable connection. Both come with optional VEGAMET controllers allowing simple implementation of pump control, flow measurement in open channels.



VEGABAR and VEGAPOINT

Compact pressure switches (VEGABAR) and point level switches (VEGAPOINT) have a unique advantage of 3600 switching status display. The visually detectable indication helps the operators to check the process status even from the distance, and hence, the possibility of better control. It also saves time and cost. As the colours can be selected from 256-colours, customization for the different switching



statuses can be done as per the light conditions persisting in the process environment.

They come with a uniform adapter system that gives flexibility, adaptation to the customer-specific process fittings and quick & easy replacement.

Contact

Email: a.das@vega.com

Website: www.vega.com

VOITH TURBO PVT. LTD.



Voith Turbo Germany is renowned in the field of manufacturing Hydrodynamic Constant / Variable Speed Couplings in various process industries like - Power, Mining & Metals, Oil & Gas, etc.

Voith Turbo Private Limited is a wholly owned subsidiary of Voith Turbo Germany, with a state-of-the-art manufacturing facility of Hydrodynamic couplings at Hyderabad, India established in the year 1987.

Voith has a strong market presence in Power, Mining and Metal industries and its products has always been the preferred choice due to its simplicity, robustness, high reliability, less / no maintenance.

A team of aftermarket engineers provides complete service support for all Voith installations in the industries.

Product Portfolio :

- Geared Variable Speed Drives,
- Hydrodynamic Couplings (Constant-fill type & Fill controlled couplings)
- Turbo Gears,
- Coupling Technologies
- Actuators & Control systems for Turbines & Compressors
- ELIN Motoren (Electric Motors & Generators for industrial applications).

T COUPLING

Simple, robust and reliable!

Constant-fill Voith fluid couplings are used with electric motors in a wide range of applications, especially when highest powers, economy and reliability are required.

The Voith fluid coupling with its inherent hydrodynamic advantages has proved itself by millions of sales worldwide :

- Smoothest acceleration of the largest masses
- Suitable for economically priced squirrel cage motors
- Load free start-up and run-up of the motor
- No motor modification required
- Torque limitation during start-up
- Effective shock-dampening
- Overload protection for motor and driven machine
- Load compensation for multi-motor drive



FLUID COUPLING TYPE TVVS

Unique soft start characteristics for belt conveyors

- Reliable torque limitation to $\leq 140\%$ of nominal load achieved by optimized hydrodynamic characteristics and filling calculator.
- Automatic adaption of start-up torque depending on load conditions of belt conveyor (empty/partial load)
- Pre-tensioning of belt before acceleration of conveyor reduces/avoids longitudinal vibrations in the belt
- No belt lift of curved conveyor sections in specific if sections are unloaded
- Low dynamics during start-up assures traction from pulley to belt and function of take-up device
- Longer life time of belt, belt connections and drive components



FILL-CONTROLLED FLUID COUPLING

TurboBelt TPXL family and TurboBelt Drive Control

Intelligent solution for multi-motor drive belt conveyor



Product and Company Profiles of Few of the Exhibitors (continued...)

- Designed for belt conveyor operators in open pit and underground mining who value efficient drive technology.
- Offer an intelligent control system, and a compact design with a high efficiency hydrodynamic profile.
- The combination of TurboBelt TPXL and TurboBelt Drive Control is ready to control up to 8 couplings per conveyor.
- The software and algorithm allow a perfect dynamic load sharing in multi-motor drives applications.
- Further functions like slip detection and switch off modes for individual drive stations are part of the software.
- Optimized start-up behaviour, a longer lifetime and reduced downtime of the entire belt conveyor.

BELTGENIUS – NEXT LEVEL CONVEYOR PERFORMANCE

Voith BeltGenius ERIC

- Voith BeltGenius is the product family that is used for monitoring, benchmarking and optimization of belt conveyors and conveying systems.
- Due to the intelligent sensor and software technologies, BeltGenius enables mining companies to get full transparency of their performance.
- Reduce maintenance frequency, unexpected downtime and total material transport costs considerably.
- Voith BeltGenius is also helping mines reduce their CO2 footprint.

Benefits

- Calculate the energy performance of conveyor
- Revealing opportunities to improve performance
- Increases system uptime
- Efficiency, reliability and intelligent control



TORQUE LIMITING COUPLINGS

Torque Limitation and Process Improvement

SafeSet, SmartSet, AutoSet

The SafeSet principle is simple: friction and flexibility.

No material fatigue, a constant torque transmission and adaptability.

SafeSet torque limiting couplings secure your driveline against torque overloads and ensures equipment operates safely at a maximum level.

- Most precise torque limiter
- Fully adjustable release torque
- No false release due to fatigue
- Compact low weight designs



UNIVERSAL JOINT SHAFTS

Universal joint shafts from Voith transmit torque from a driving machine to a driven machine and can accommodate a high degree of misalignment. Reliability and efficiency is our top priority.

Our product portfolio includes:

- Custom made high-performance universal joint shafts
- Standard universal joint shafts
- Center sections
 - with fixed lengths
 - with telescopic length compensation
 - with roller-bearing length compensation (tripod shaft)
 - made of steel or carbon fiber reinforced polymer (CFRP)
- Connection technology
- Shaft support systems (spindle support/spindle balance, roll end sleeve support/huggers etc.)



Voith universal joint shafts ensure productivity and reduce maintenance costs. The torque capacity extends beyond 20,000 kNm (14 million lbf ft).

Voith Variable speed hydraulic coupling:

Mechanical variable speed system ensures high reliability and availability of the drive train.

- The Voith S-Coupling is a mechanical hydrodynamic variable speed drive system providing a robust method of speed variation. This is because it offers low

complexity and rigidity, as well as a vibration dampening effect since oil is used as the power transmitting medium, and because the input and output side are mechanically separated.

- In addition, the lube oil system is provided as an incorporated item. The overall system offers easy integration as well as high maintainability and serviceability. The incorporation of the unit into the drive string reduces downtime significantly while providing highest productivity of the plant.
- The S-Coupling is a product with an unmatched reliability, a very long lifetime and MTBF rates - with spare parts being available throughout the whole lifecycle.



Contact

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YANTRIQ SYSTEMS PVT. LTD.



Yantriq Systems Pvt. Ltd. 'Yantriq' represents companies based in Europe and Israel, manufacturing Testing and sorting systems for wide range of applications. We have around 24 years of cumulative experience in sales & marketing, installation, commissioning, training and technical support of the systems manufactured by our principals.

We are glad to bring to India a revolutionary dry beneficiation technology for Coal and Mineral Beneficiation developed by our principal's M/s Comex AS, Norway. This solution uses X-ray transmission scanning and other sensor based technology to investigate coal/ore particles and separating the fraction with desired concentration. The beneficiation process uses sensor based sorting, hence process is fast, dry and non-polluting. The Sorting System can sort particles between +10 and -300 mm. Comex is offering 3 standard models of the system CXR 1000, CXR 2000 and CXR 3000, sorting capacity of the models increasing in the same ratio as model numbers. Sorting capacity may vary between 30 tons per hour to 700 tons per hour depending on the maximum and minimum particle size to be sorted and the density of the ore or coal to be sorted. The capacity can be scaled up as much as required by adding number of sorting lines

Manufactured by COMEX AS Norway

Brief Robust sensor based sorting system, used for analysis, identification and sorting of particles based on different physical properties. Complete operation is in dry mode, thus no use of water or any other media.

- Significant reduction in capital and operation cost.
- Increased product quality
- Reduced waster generation
- Minimal environmental impact
- Compact and transportable
- Programmable sorting application
- Modular & Scalable.

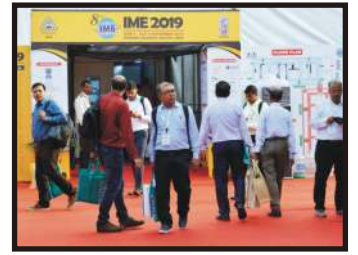


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Website: www.yantriq.in

Few Glimpses of Last Edition



Few Glimpses of Last Edition



Facts & Figures - Last Edition

Over 15,180 sqm. Exhibition Display Area	226 Exhibitors	18,139 Footfalls	20 Countries	6 Country Pavilions
Over 60 Technical Presentations	500+ Congress Delegates	Buyer Seller Meet with Major Players	Participation of Major Coal Producers	Participation of Major Machinery Manufacturers

Country Pavilions by



Focus States

Testimonials - Last Edition



Very attractive. Very hopeful of getting more investments in sector with this showcasing...

Pralhad Joshi

Hon'ble Minister of Coal, Mines and Parliamentary Affairs
Government of India



Nicely done. Mega show. Wish you all success...

Aboobacker Siddique P, IAS

Secretary, Mines & Geology, Government of Jharkhand



IME and Asian Mining Congress are important and world renowned events, whose reach and potential regularly attract Czech Republic's mining and extraction companies to find right partners from all over India...

H.E. Milan Hovorka

Ambassador of Czech Republic in New Delhi



Great Exhibition...

Sanjeev Chopra, IAS

Chairman, Odisha Mining Corporation Ltd.
& Principal Secretary (Homes), Government of Odisha



Australia is delighted to be a participant in AMC and IME 2019. India is one of the most important markets for Australian mining equipment, technology and service (METS) companies. I am very pleased that Australia was well represented by many METs producers at AMC and IME this year. They made excellent new business contacts and highly impressed of the business opportunities offered...

H.E. Andrew Ford

Consul General, Australian Consulate - General, Kolkata



Nice presentation. It would go a longway in furthering the cause of mining industry...

Anil Kumar Jha

Chairman & Managing Director, Coal India Ltd.
President, MGMI



We are honoured to be part of this year's IME, the 8th edition. Our experience has been extremely positive and we found the event of significant networking value for engaging prospective investors and for our capital equipment manufacturing industry. Going forward, we would highly recommend attendance of this event, and we look forward to future participation in the same. It is evident that several local and global players are attending this event which enable us to establish contacts that are conducive to growing our industry's footprint in India and abroad...

Ben Joubert

Deputy High Commissioner & Minister Plenipotentiary
South African High Commission



Really appreciate the efforts of TAFCON for organising 8th IME 2019 successfully; their dedication have placed the IME to clinch the very high honours both at National & International forums. Look forward for next edition...

P.K. Sinha

Chairman & Managing Director, Northern Coalfields Ltd.



Compliments on a very efficiently organised fair in ample and spacious premises, which was praised by German exhibitors we talked to. For suppliers of the mining industry participant in IME certainly remains a must...

Dr. Michael Feiner

Consul General of the Federal Republic of Germany, Kolkata



A wonderfully organised exhibition having all that the mining industry needs on display...

U. Kumar

Former CMD, SECL & NCL



Privileged and honoured to attend a well organised and wonderful event. It has set new standards of excellence. Congratulations and best wishes to the organisers...

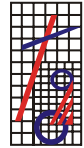
Amitava Mukherjee

Director Finance, NMDC Ltd.

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Exhibition Venue

New Town Eco Park is an urban park in Rajarhat, Kolkata. The park is situated on a 480 acres (190 ha) plot and is surrounded by a 104 acres (42 ha) waterbody with an island in the middle. The Eco park is located along the Major Arterial Road in Action Area - II of New Town, Kolkata. The park is surrounded by the Kolkata International Convention Centre and the Kolkata Museum of Modern Art on the North, the upcoming Central Business District and International Financial Hub on the east, and existing human settlement of Jatragachi / Hatiara on the South and West.



About Organisers



THE MINING, GEOLOGICAL & METALLURGICAL INSTITUTE OF INDIA (MGMI)

MGMI, the oldest institute of its kind in Asia has been promoting the cause of the mineral industry since its inception on 16 January 1906. It has been on the forefront of professional societies in mining and geosciences around the world. MGMI has always provided a forum for sharing experiences and learning of the latest in best practices and technology. The Institute presently has more 3,000 members serving the mining, minerals and metallurgical industry and diversified its valued added activities in various fields. The institute is having its headquarter and one of its branch in Kolkata and 18 more branches throughout the country.



TAFCON PROJECTS INDIA PVT. LTD.

TAFCON is a professionally managed company with over six decades of experience and expertise in organising International Trade Fairs and Conferences in India and overseas, on various subjects namely Mining; Minerals; Metals; Materials; Defence; Heat Treatment; Foundry; Manufacturing; Surface Engineering, Paints & Coating; Packaging; Printing; Environment; Paper; Beauty; Lifestyle; Tot Teen & Mom; Education; Medical & Healthcare; Poultry, Dairy & Food Technology; Travel & Tourism; etc.

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