



TECHSHARP

Hydraulic Solutions Pvt. Ltd.

An ISO 9001-2015 Certified Company



YOUR **PROBLEMS**
OUR **SOLUTIONS**

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TECHSHARP

Hydraulic Solutions Pvt. Ltd.







YOUR PROBLEMS OUR SOLUTIONS

COMPANY PROFILE

MISSION STATEMENT

To be recognized by our customers as the most sought-after sourcing partner of industrial products and services

OUR PARTNERS

 <p>(Made in USA)</p>  <p>An SPX FLOW Brand</p>	<p>Professional Hydraulics Tools for All Industrial Application</p> <p>Power Team Posi Lock ® - Post Lock is a leading manufacturer of mechanical and hydraulic pullers for the power transmission and light to heavy industrial markets</p>
 <p>HOME OF TORQUE POWER</p>	<p>Alkitronic torque multipliers have set the highest standards for performance, accuracy, efficiency, and safety. Torque Multipliers - Battery Operated / Electrical / Pneumatic / Hydraulics / Manual</p>
 <p>(Made in Germany)</p>	<p>Power Climber is a world leader in the manufacture and distribution of high-quality traction hoists and suspended access systems. Dual Lift is one of the Largest Producers of Man riding & Material Transport Hoists.</p>
 <p>(Made in Germany)</p>	<p>Pneumatic driven Pinion mounting/dismounting pump Working Pressure 3000 bar for three phase traction motor.</p>
 <p>(Made in Israel)</p>	<p>NES THREAD REPAIR TOOLS</p> <p>One NES external replaces many dies!</p>
ON Site Service	Hydraulic Bolt torqueing, Bolt Tensioning, Cold Cutting.
Maintenance Service	Tech-sharp Operates a fully equipped Workshop Facility, using Contemporary Repair, Testing Techniques & Equipment, carried out by Trained & Qualified Personnel.

INDUSTRIES SERVED:

- Construction • Bridge Equipment Manufacturers • Steel & Rolling Mills • Heavy Fabricators
- Ship Builders & Ship Repairers • Heavy Machineries • Power Plants • Heavy Electrical
- Mines & Quarries • Manufacturers • Oil & Gas, Petro-chemical Plants
- Heavy Transportation – Lift & Shift • Maintenance • Aerospace • Test & Quality Assurance,
- Research & Development • Railway • Metro • Off-shore • Automobiles



INTRODUCTION

TECH-SHARP - Having core activities comprising of product sourcing and marketing, distribution, technical, supports, after sales service a wide range of Professional Industrial Tools.

Our aim is to maximize safety and improve operational efficiency by supplying products and services that provide quick and economical solutions to help keep your business running smoothly and profitably.

The management of TECHSHARP collectively have in excess of 20 years' experience in the markets we serve. TECHSHARP can comfortably supply repair and maintain most of your mechanical, pneumatic, electrical and hydraulic equipment. We have the aim with our qualified and experienced employees of offering our customers a first-class technical service.

TECH-SHARP operates a fully equipped workshop repair facility, using contemporary repair and testing techniques and equipment, carried out by trained and qualified personnel.

We maintain enough stocks of commonly used spare parts and offer first class guaranteed repair service for all brands under TECH-SHARP umbrella.

All items repaired & returned to the customer with an individual test certificate.

Based on our technical expertise and experience with various applications, we are able to customize our products to the specifications of our customers. This state-of-the-art process has given Tech-sharp a strong competitive advantage. Our products are strong, safe and effective to work for many applications. Do not hesitate to contact us if you have questions or if you want more information. We are there to give you the solutions you seek: solutions on the highest level.

OUR COMMITMENT

TECHSHARP makes a special service commitment to exceed customers' expectations in all areas of business. Our commitment is based on the following quality pledges:

- Building long term relationships with all our clients
- Providing the best solution to address the customer's requirements
- Exceeding the customer's expectation in all areas of business
- Performing ethical and transparent practices in all business activities
- Adhere to safety standards
- Promoting only reputable brands
- Responding to enquiries within 24 hours
- Delivering our services within shortest time possible
- Continuously improvement of our processes and systems to meet internal and external Requirements
- Developing & training our staff to meet their business challenges
- Building a loyal Tech-sharp team, and
- Embracing diversity & treat individuals with respect & dignity.



>Power Team Hydraulic Jacks (Capacity 5 to 1200 Tons)



Single Acting, Spring Return,
Cylinder- 5 – 100 Tons



Single Acting, Spring Return,
Flat Jacks – 5 – 150 Tons



Single Acting, Spring Return,
Low Height Jacks – 5 – 250 Tons



Aluminium Cylinders
Cap. 10 – 100 Tons



Double Acting, High Tonnage
Cylinders Cap. 10 – 500 Tons



Single/Double Acting, Hollow Type
Cylinders Cap. 10 – 200 Tons



Mechanical Locking Collar,
Steel Cylinders. 25 – 565 Tons



Twin Piston Hydraulic
Cylinder – 15 – 100 Tons



Cap. 55 – 150 tons - Portable jack
for locomotive / railcar/mining
and heavy equipment maintenance



Pancake Cylinders
Cap. 50 – 620 Tons



Double Acting, High Tonnage
Cylinder – 55– 200 Tons



Inflatable Jacks
Cap. 1- 68 Tons



Bottle Jacks
Cap. 2- 110 Tons



Post Tensioning Jacks
Cap. 20 – 30 tons



Toe Jacks
Cap. 2 – 54 Tons



>Power Team

Hydraulic Pump Range - 300 to 3000 Bar



Steel / Aluminium Hand Pump
Single / Double Acting



Steel Hand Pump
Single / Double Acting



Steel Hand Pump
Single / Double Acting



Electric / Battery
Operated Pumps 10000 Psi



Heavy Duty Electric Power Pack for Single /
Double Acting Operations



Air Driven Hydraulic
Pump 10000 psi



Air Driven Hydraulic
Pumps 10000 Psi



Gasoline Hydraulic
Pumps : 10000 Psi



Accessories: 3000 to 40000 Psi
Pressure Gauge, Adaptor, Couplers ,
Manifolds , Four ways control Valve,
Hoses, Manual Valve, Fittings ,
Digital Pressure Gauges



Electrical Hydraulic Power pack
for Synchronous Lifting and
Lowering System
Available : 2 , 4 , 8 Nos Jacking Points

















PLC Control - Electrical Hydraulic
Power pack for Synchronous Lifting
and Lowering System
Available: 8,16,24 - Nos Jacks Points



Power Team

Hydraulic & Mechanical Bearing Puller & Pusher

(Capacity 5 to 100 Tons)

		
Posi lock 2 Jaw & 3 Jaw Manual & Hydraulic Pullers Cap. 2- 50 Tons	Self Contained Hydraulic Puller & Pushers Cap. 5 – 30 Tons	Hydraulic Pullers Cap. 5- 50 Tons
		
Railway – Rollers Bearing Puller & Installer Cap. 100 Tons	Universal Puller Cap 100 Ton	Master Puller & Pushers Cap. 17 – 50 tons
		
Universal Puller Cap 55 - 100 Ton	Enforcer 100 Ton Universal Puller	Special Internal Puller
		
C Type Shop Hydraulic Press Cap 10 -50 tons	Special Hydraulic Press Cap 10 – 100 Tons	Mobile Floor Crane Cap. 500 Kg – 2000Kgs
		
Hydraulic Bench Press Cap. 10- 100 Tons	Hydraulic Shop Presses : Cap. 10 200 Tons	



TECHSHARP

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YOUR PROBLEMS OUR SOLUTIONS

SPXFLOW

›Bolting Systems™

Bolting Tools



Cassette Wrench Up to
50000 Nm



Square Drive Tool up to
100000 Nm



Air & Electric Driven
Torquing Pumps



Flange Spreaders Capacity:
16 Tons



Electric Bolt Tensioner
Pump – 1500 Bar



Spring Return Bolt Tensioners
Sub Sea and Manual return
M20 – M115 (Inch& mm)



Heavy Duty Sockets



Hex Reducers



Torquing &
Tensionsing Hoses



Wind Tensioners



Nut Splitter
M20 -M90(mm&Inch)



Nut Splitter
M6 – M48 (mm & Inch



Bolt Tensioning Tools Couplers



Torquing Tools Couplers



Pneumatics Couplers



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Hydraulic Cutter wire cutter



Self-contained Hydraulic Crimping tool 10-400 Sq. mm



Crimping Capacity:
Max. compression: 400 mm² copper lugs
Accepts all dies used for Alcoa, Burndy, T&B, Klauke, Combre and Blackburn 12-ton compressors



Special Double Blade Nut Splitter – M6 – M48



Crimping Tool :Crimping Capacity :
up to 36 mm outer diameter connector (UC-6FT)



Copper And Aluminium Cable Cutter



Pipe Bending Capacity :
Thin steel conduit : 15 mm-75 mm (5/8")-(3")
Thick steel conduit : 16 mm-82 mm (1/2")-(3")
Gas pipe : 15 mm-65 mm (1/2")-(2 1/2")



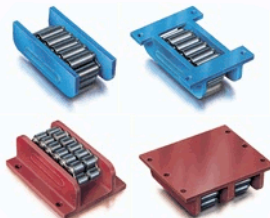
Electric Chain Hoists



Wire Rope & Sling



Roller Skates with turn table
Cap. 5- 12 tons



Heavy Duty Rollers Skates
10-200 Tons



Magnet Lifter



Shackle Type Wireless Dynamometer Cap. 5- 300 Tons



Hook Type Wireless Crane Scale Cap. 5- 30 Tons



Crane Scale Cap. 5- 12 Tons



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alkitronic®
HOME OF TORQUE POWER



Batter Driven - Efficient & Cordless
Work wherever you are all choose from torques between 65 to 4,430 ft - lbs (90 and 6,000 Nm)



Electric Torque wrenches
The different models cover torque output from 75 to 33,190 ft-lbs (100 to 45,000 Nm)



Pneumatic Torque Wrench
Long-lasting aluminum housing and compact design. 85 to 35,400 ft-lbs (120 to 48,000 Nm).



Hydraulic Torque wrench
When substantial bolting connections need to be tightened with enormous force up to 53,100 ft-lbs (72,000 Nm.)



Manual torque wrench
To replace impact spanners, pipe extensions and other bolting methods. Up to 36,875 ft-lbs (50,000 Nm).



Electric torque Multiplier
Electric torque multipliers for torques of 315 to 30,980 ft-lbs (42,000 Nm).



Plate Heat Exchanger
It was developed explicitly for bolting connections on plate heat exchangers.



Offset Multiplier
The most revolutionary manual torque multiplier for applications where standard tools don't fit.



Hydraulic pumps with electric or pneumatic drive provide fast operating speed, reliability, and safety for bolting applications.

Hydraulic fitting, Cuppling & Hoses





TECHSHARP

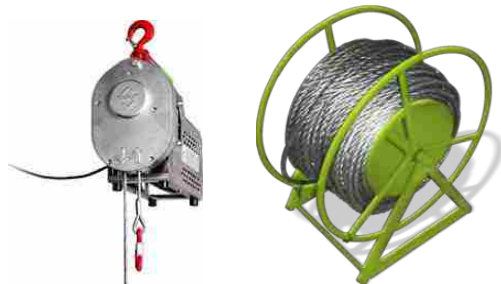
Hydraulic Solutions Pvt. Ltd.

YOUR PROBLEMS OUR SOLUTIONS

PowerClimber
A division of SafeWorks, LLC



PowerClimber
Wind



Up-Light Cargo Hoist Payload 500 Kgs.
Dual-Lift Steel Wire Rope



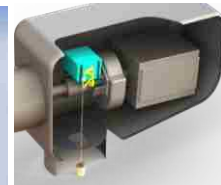
Materials & Man Riding Hoist - 400 - 2500 Kg.



Speed Safety Lock and
BMU Platform



Over 60 years
of knowledge,
experience



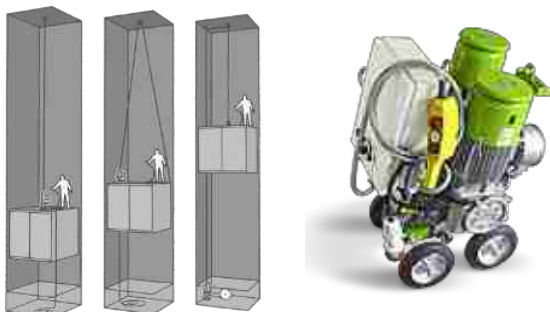
- 2M BLADE INSPECTION PLATFORM
- Nacelle Davit provides a safe alternative to manually lifting heavy tools and equipment from the yaw deck into the nacelle



Power Climber -Tower Access Platform.



Power Climber Service Lift for
wind turbines | Spares in Motion



Dual Lift Hoist for Elevator
Installation & Maintenance





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PRESSURE TECHNOLOGY®
Gesellschaft für Hochdrucktechnik mbH

Pinion Extraction/Mounting Equipment For Three Phase Traction Motors Working Pressure-3500bar



Pinion Elbow 4000 Bar Pressure Gauges Quick Release Couplers 700 – 3500 Bar Hoses

Multi-fluid Air Driven Pump Unit for joining and separating of power transferring shrink connections in gear construction / traction motors Pinion- Working Pressure-3500Bar
Single /Double /Four Outlets with Pressure Gauges



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Nes®

The Thread Repair Experts

NES PATENTED THREAD REPAIR TOOLS

- First time in India : Made in Israel
(No competition in WORLD with this Product)

Nes are manufacturers of thread repair tools, Whether the thread is imperial or metric-sized, left-hand or right-hand, the single Nes tool will automatically adjust, making thread repair effortless and saving you considerable amounts of money by not having to buy different sizes of taps and die

One Nes External replaces many dies!



Nes®

The Thread Repair Experts



External Thread Repair Tools



Turn handle (A) to raise floating blades (B) Place the Nes External tool over thread to be repaired



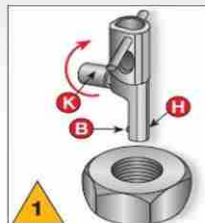
Turn handle (A) to lower floating blades into grooves of thread and lighten by hand only.



Turn the Nes External tool in direction of

- Automatically adjust to the thread diameter and pitch - no prior measurement is needed
- Can be used on left-hand and right-hand thread
- Both inch and metric, coarse and fine
- Able to do what taps and dies cannot, such as repairing a component that is damaged at the end of the thread
- Internal and External thread restorers have the capability to enter BELOW the damaged area and work outward to complete the repair
- High quality cutting tool steel Blades - (Internal Nes blade-HSS, external Nes blades-01) guided by the undamaged section of thread in order to re-groove the damaged section
- Standard Blades are 60° (BS thread of 55° can be replaced with optional blades)

Internal Thread Repair Tools



Turn knurled knob (K) to fully retract the blade (B) into housing (H). Insert Nes Internal tool into the threaded hole or bore to be repaired.



Turn knurled knob (K) to extend blade (B) into a thread groove on an undamaged section and tighten by hand only.



Rotate the Nes Internal tool by the cross-rod as shown in the desired direction.

- Nes tools also repair and automatically adjust to cone threads which cannot be done with ordinary taps and dies



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Nes

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NES PATENTED THREAD REPAIR TOOLS

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Internal

Thread Repair Tool Internal

Available in 8 sizes

Range: 5 mm – 108 mm (5/16" – 4 1/4")



External

Thread Repair Tools External

Available in 4 sizes

Range: 4 mm – 152 mm (5/32" – 6")

FEATURES:

- Hand tool that automatically adjusts to any thread diameter and pitch
- A single tool for Metric & Inch diameters/pitches
- A single tool for Left & Right-hand threads
- No prior measurement of the thread required
- Easy to use; no special training or skills required
- Works where Taps & Dies can't – Nes Restorers can enter BELOW a damaged area & work outwards
- Blades made of high quality, long lasting material
- Blades are guided by the existing undamaged section of thread to regroove damaged areas



Nes External

The **Nes External** thread restorer is available in 4 sizes and can repair threads from 4 mm (5/32") diameter up to 152 mm (6") diameter.

The **Nes Internal** thread restorer is available in 11 sizes and can repair threads from 5 mm (# 12) diameter up to 108 mm (4 1/4") diameter.



Nes Internal

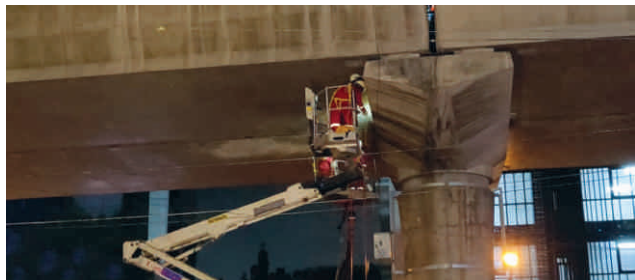


RENTAL - ON SITE SERVICES

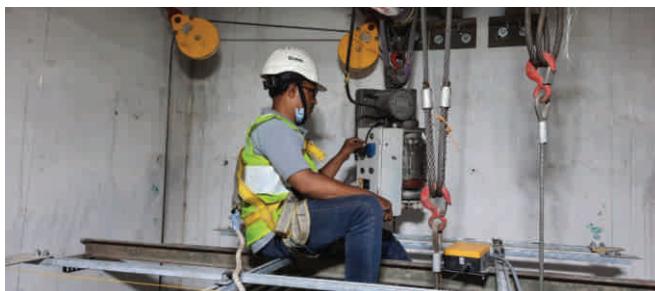
Hydraulic Tensioning & Torque Wrench Solutions



Metro Railway Bearing Replacement



Dual-Lift Hoist Service & Load Testing



Hydraulic Puller Servicing





SERVICE CENTER



Heavy Fabrication



Re-Railing Jack

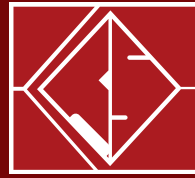
Lab Testing



Inventory

Railway Jack





TECHSHARP

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IN INDUSTRIES SERVED

- Industries : Steel And Rolling Mills
- Fertilizers And Chemical Plants
- Mining And Quarries
- Refinery
- Power Plant
- Construction
- Off Shore
- Aerospace
- Cement Plants
- Transformer
- Bridge Construction
- Metro - Railway
- Wind Mills

SERVICE PROVIDED

- Industries : Steel And Rolling Mills
- Fertilizers And Chemical Plants
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