

HIGH FLOW

EQUIPMENT

ENGINEERING SOLUTIONS

INTRODUCING

One Stop Solution for your Pumping Equipment

As manufacturers of industrial positive displacement pumps and fluid handling equipment, we bring a wealth of experience to the realm of pumping technology. Leveraging our deep expertise in pumps and application engineering, we offer tailored solutions to meet our customers' specific product requirements.

Our commitment extends beyond merely supplying equipment; we are dedicated to fortifying our technological foundation, striving to present a product line that is not only reliable but also modular. At the core of our mission is the unwavering focus on delivering a comprehensive range of products, meticulously designed to excel in cutting-edge and demanding applications.

With an ethos rooted in innovation and service excellence, we stand as your trusted partner in fluid handling solutions, continually evolving to meet the evolving needs of our valued customers.

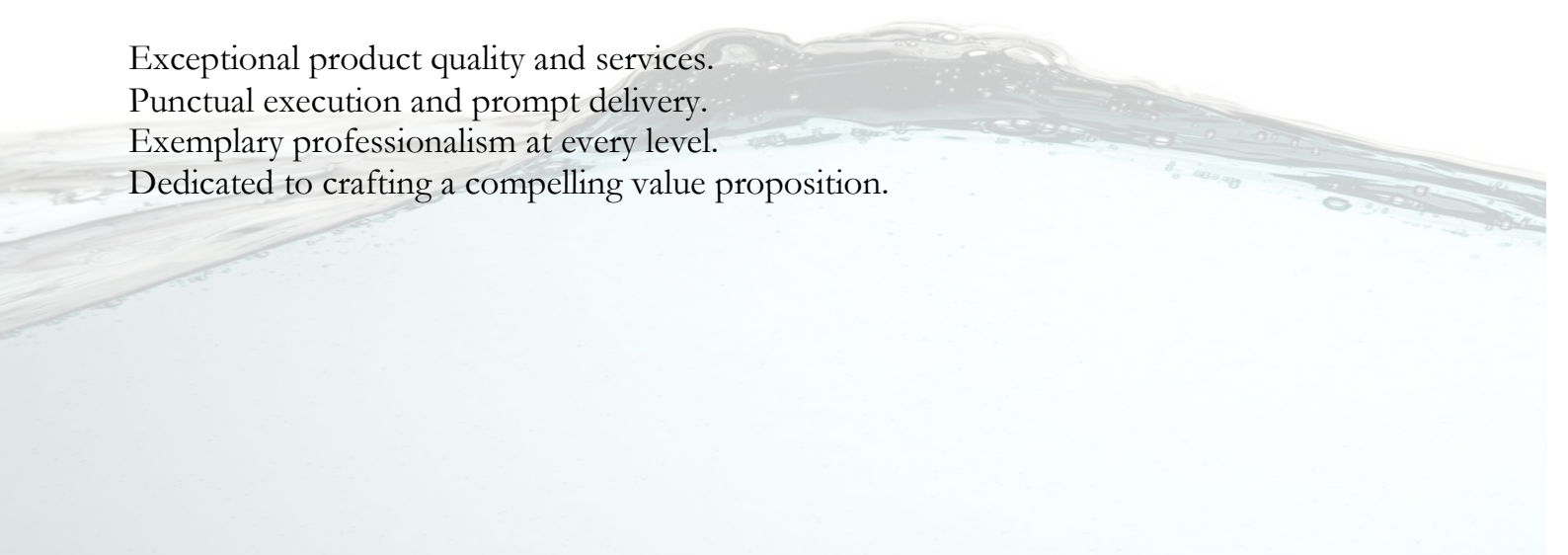
Engineering Know-How

Thanks to our dedicated application engineering and design team, whose profound understanding of industry needs allows us to offer expert recommendations and craft tailor-made solutions. Whether it's providing pumps for chemically aggressive or highly viscous fluids, ensuring safety in hazardous environments, aligning gear ratios for precise operational demands, or delivering optimal sealing solutions – your trust in us is well-placed.

With an extensive range of pumping equipment and complementary accessories, we cover a diverse array of applications and a broad spectrum of operating conditions. Count on us for reliable solutions that align seamlessly with your unique requirements.

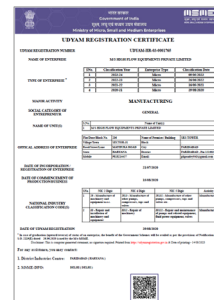
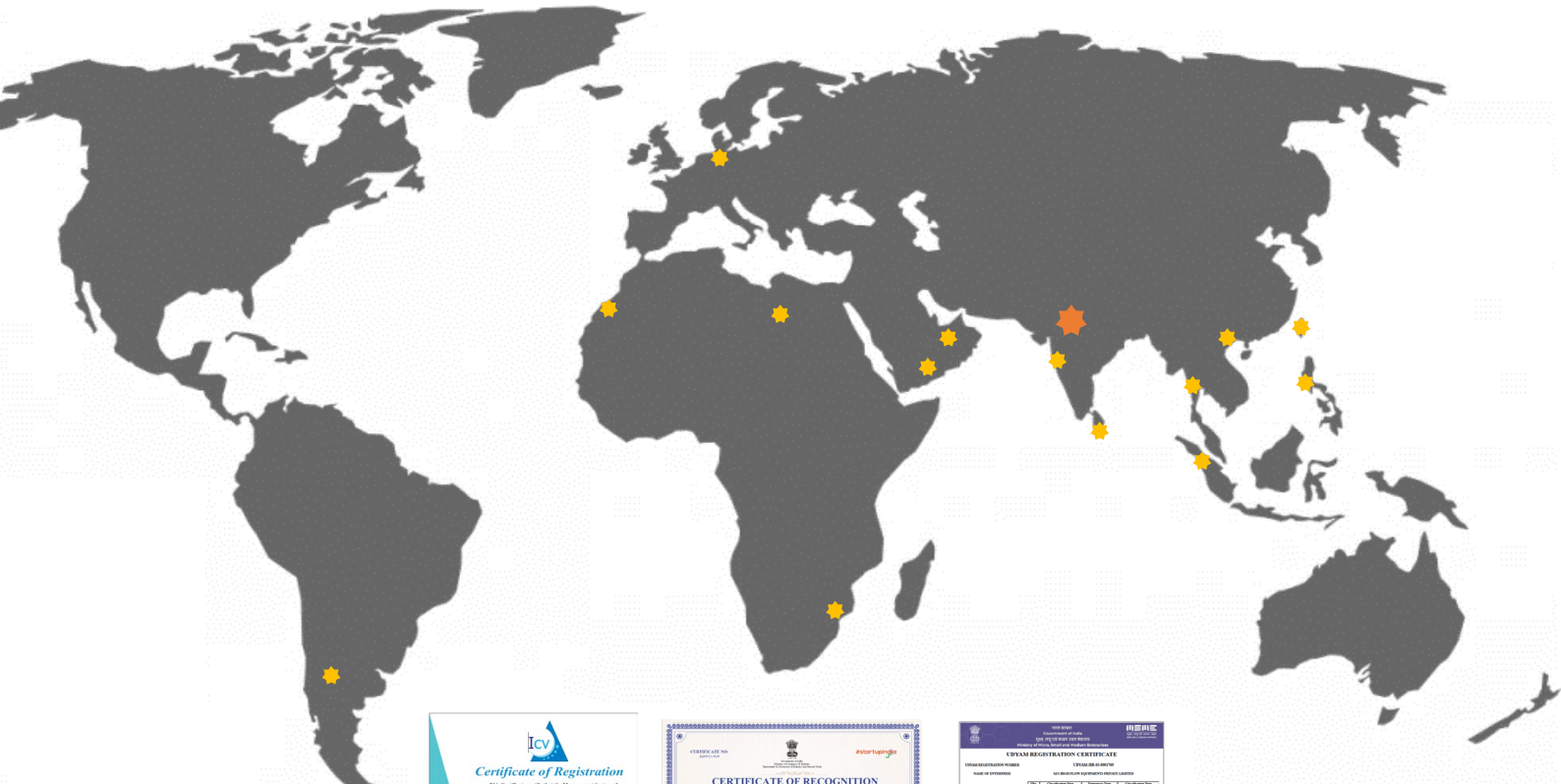
Our Commitment

Exceptional product quality and services.
Punctual execution and prompt delivery.
Exemplary professionalism at every level.
Dedicated to crafting a compelling value proposition.



★ Head Office and Manufacturing Factory

★ Distribution Partners



HIGH FLOW EQUIPMENT - A companion with a genuine intention to offer world-class engineering solutions!

Embodying innovation and precision, "HIGH FLOW EQUIPMENT" is dedicated to staying at the forefront of advancements. With a relentless pursuit of excellence, we aim to redefine industry standards, providing cutting-edge solutions that cater to the evolving needs of our customers.

Our vision is not confined to being a supplier; it's a commitment to shaping the future of pumping technology. We envision a seamless integration of technology and customer-centric approaches, creating a synergy that sets new benchmarks in the engineering landscape.

Driven by this vision, we consistently invest in research, development, and training, ensuring that our team remains equipped to meet and exceed the dynamic demands of the global market. At "HIGH FLOW EQUIPMENT," the pursuit of engineering brilliance isn't just a goal; it's our ethos, reflected in every product and service we offer.

As we stride towards becoming a beacon of innovation and reliability, we invite you to join us on this journey. Experience the difference of "HIGH FLOW EQUIPMENT" – where vision meets excellence.

PUMPING SOLUTIONS

Water and Wastewater

Oily sludge
Polymer feed & transfer
Primary/Secondary/
Tertiary sludge
Raw effluent/Bio effluent
Raw sewage
Sampling
Thickened sludge
Polyelectrolyte dosing

Food

Cheese
Milk
Yogurt/Curd
Lactose paste
Cream
Ice-cream
Soybean concentrates
Molasses
Taco sauce

Pulp & Paper/ Tissue

Alum
Colour
Latex
Glues & Paste
White Water
Black Liquor
Starch Slurry
Calcium Carbonate

Paint

Acrylic solution
Pigment slurry, Emulsion
Varnishes, Resins
Latex, Pigmented paints
Oil paste, Printing color
Flow agents
Defoamers
Thickeners

Mining

Coal Water Mixtures
Clay & Mineral Slurries
Mine Sludge & Wastewater
High Pressure Wash
Dirty Water
Rock Dust Slurry
Grout / Grout Mix

Ceramic

Clay coatings
Ceramic slurry
Return Pottery Slip
Fire clay Suspension
Filter press feed
Glaze, Clay slip.
Heavy clay
Iron oxide Slip

Edible Oil

Crude Palm Oil
Bleached Palm Oil
De-odorized Palm Oil
Soy-Bean Concentrate
Rendered Butter
Lecithin
De-Odorized Oil
Oil With Wax
Fatty Acids

Sugar and Starch

Raw Cane or Beet Juice
Molasses
Starch
Sulphite Syrup
Massecuite
Magma
Lime Slurry
Flocculants
Press Mud

Chemical Industry

Acetone, MEK
Ethylene/propylene glycol
ammonium hydroxide
sodium hydroxide
ethanol/ methanol
Alum/Alumina Slurry
Zinc Oxide/ Slurry
Boric Acid solution
Benzene / Polymers

Palm Oil

CPO from Settling Tank to
CST
Pumping of Decanter Solids
Condensate Pumping
Skimmed Oil, River Water
Raw Effluents
De-silting of lagoons
Dispatch Oil
Effluents for Land Irrigation

Textile Industry

Dye Solutions
Pigment Dispersions
Chemical Additive Metering
Softeners, Surfactants
PH modifiers
Emulsion & Paste Transfer
Adhesives & bonding agents
Fiber Filling and Stuffing
Slurry and Sludge Handling

Man Made Fiber

Polymer and Resin Transfer
Spinning Solution
Circulation, Viscose
Pulp with Sodium
Hydroxide
Chemical Additive
Bleaching agent
Flocculants
Wastewater & Sludge

FOR EVERY INDUSTRY

Construction Industry

Wall Plastering
Plaster & Gypsum
Cement Slurry
Accelerator
Cement & Sand Mixture
Grout and Mortar Pumping
Sealants

Cosmetics

Lotions/ Serums
Hand Sanitizer
Essential Oils /silicone Oils
Plant-based Oils.
Pigment Suspensions
Gels & Gel-like Substances
Alcohol Solutions, Shampoo
Herbal/Plant-based extract
Vitamins, Peptides,
Antioxidants

Wine & Distillery

Juices/ Cider
Must
Beer / Wine
Spent / Fermented Wash
Wet crushed Malt
Yeast Transfer
Thick mashes

Marine Industry

Bilge Water
Sludge / Sewage
Waste Oil
Ballast Pumping
Cooling System Circulation
Mud

Bio-Waste

Peelings and Pulp
Grape pomace
Liquid manure
Corn Silage, Food Waste
Fish Offal and Trimmings.
Grass Clippings & Pruning's
Wheat Straw, Rice Straw

Slaughter-House

Blood and Offal Handling
Fats, Bones
Animal by-products
Cleaning Agent,
Disinfectants, or Sanitizing
Solutions. Additives, Brine
Solutions, or Marinades
Handling Fats, Grease, and
Oils.

Oil Field & Tank Storage

Crude Oil Transfer
Produced Water Handling
Chemical Dosing
Loading/Unloading
sludge or sediments
or Biocides

Biogas Industry

Substrate Feedstock
Transfer (agricultural
residues, organic waste, or
energy crops)
Mixing and Circulation
Return Sludge Pumping
Chemical or biological
agents Injection
Digestate Transfer

Agricultural Industry

Fertilizer Spraying
Pesticide & Herbicide Spray
Liquid manure or waste
Slurry Pumping- Water,
manure, & bedding material
Grain Transfer: Wheat,
Corn, or Soybeans, from
Storage bins or silos to
trucks Livestock Watering

Edible Oil

Soybean, Sunflower, Canola,
Corn oil
Caustic soda, Detergents,
Disinfectants
Phosphoric Acid, Citric
Acid, Caustic Soda,
Activated Carbon
Oil sludge, Spent Filter
Media.

Wood & Mattress

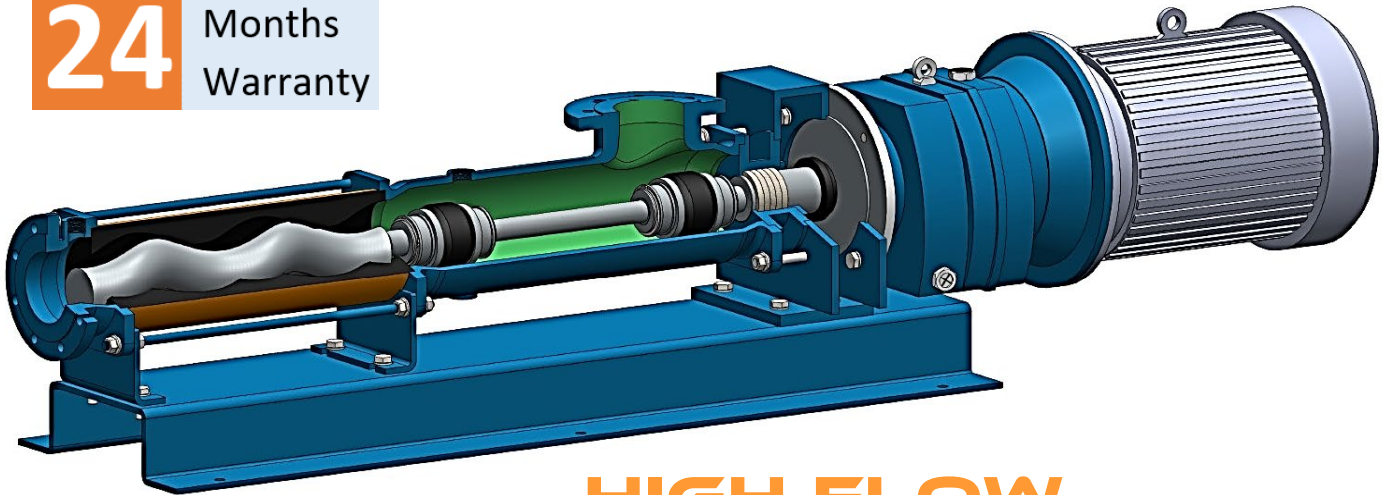
Phenol Formaldehyde
Resin/Urea-Formaldehyde
Glue, Lacquers, Paints
Wax or release Agents.
Polyurethane foam, Latex
Foam, water-based or
Solvent-based Adhesives
Mattress Fillings -Fibers,
Feathers

Packaging & Canning

Sauces, Creams, Gels,
Syrups Pastes
Fruit fillings, Purees, Jellies,
Doughs, Batters, Creams,
and Adhesives.
Flavourings, Colourings,
Oils, Emulsions/ Additives

24

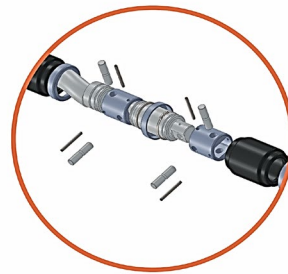
Months
Warranty



HIGH FLOW- PROGRESSIVE CAVITY PUMP

Distinctive Design Features & Benefits

- Positive Displacement Pumping
- No pulsation
- Low Shearing
- Self-priming
- Low NPSHR
- Quiet Operation
- Viscosity Handling



UNIVERSAL CARDAN JOINTS

Variant of Pump

- Close Coupled Block Pump
- Bare Shaft Long Coupled
- V-Belt Pulley
- Reinforced Bearing Close Coupled

Arrangement Options

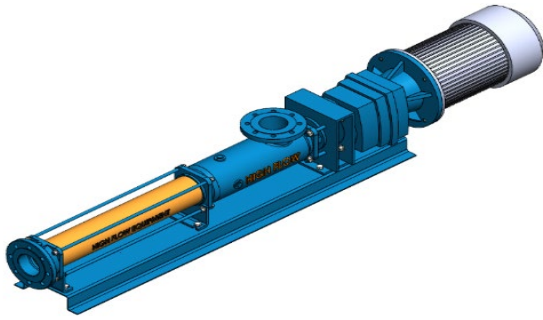
- Horizontal
- Vertical
- Flanged – ANSI B16.1 125# / B16.5 150# / BS 4504
- Threaded Port – BSP/NPT/SMS
- CIP Port
- Hopper inlet with or without Augur
- Hopper inlet with Auger & Bridge breaker
- Steam Jacketing
- Pump With Inspection Window

Additional Accessories

- Pressure Switch
- Pressure Relief Valve
- Dry Run Protection
- VFD
- Suction Strainer
- Macerator

Drive Options

- Electric Motor
- Geared Motor
- Diesel Engine
- Mechanical Speed Variator
- 'V' Belt Drive Over Head and 'L' Type
- Manual Speed Changer
Mechanical Variator Drive

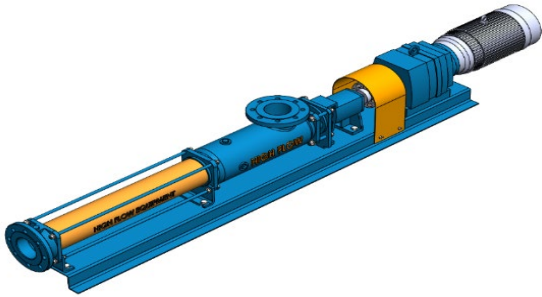


CLOSED COUPLE – FLANGE PUMP

High Flow Compact Industrial Pumps are Perfect Choice for Various Continuous or Intermittent duty Applications. “Space-Efficient and Cost-Effective”

Maximum Flow: 60M³/Hr

Max Pressure: 24 Bar

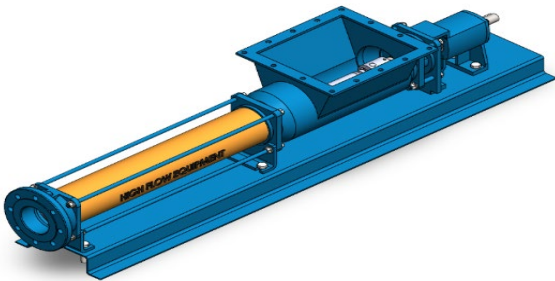


BARE SHAFT – FLANGE PUMP

High Flow Heavy Duty Long Coupled Industrial Pumps Comes with Flexibility to Choose Various Prime Mover Options and Easier Maintenance Procedure.

Maximum Flow: 200M³/Hr

Max Pressure: 24 Bar

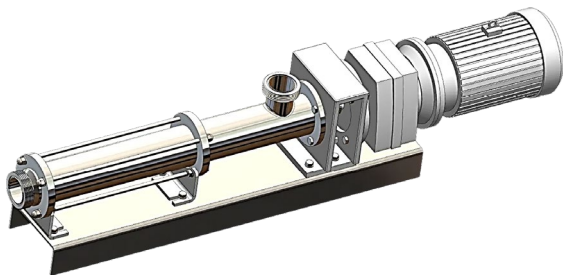


WIDE THROAT – HOPPER PUMP

Wide-throat type inlet is designed to pump highly viscous media. This design allows the coupling rod to efficiently push the substance towards the pumping element, ensuring seamless and effective transfer of the material.

Maximum Flow: 200M³/Hr

Max Pressure: 24 Bar

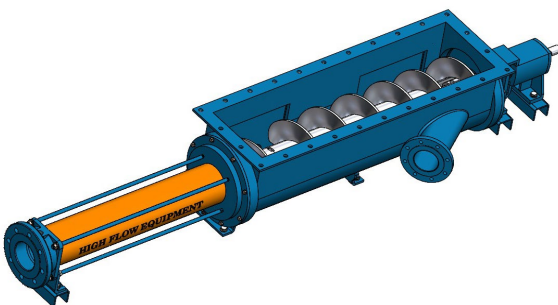


HYGENIC FOOD & BEVERAGE PUMP

Hygienic Series Pump is well-suited for a diverse range of applications within the food, pharmaceutical, and beverage industries. These Pumps comes with DMS, IDF and RJT Connections.

Maximum Flow: 50M³/Hr

Max Pressure: 12 Bar

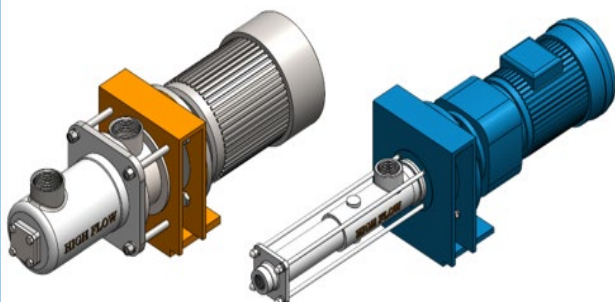


BIOGAS & BIO-WASTE PUMPS

High Flow offers ideal solutions for transferring organic food waste and complex substrate mixtures in the biomass sector, handling media with high dry matter content effectively.

Maximum Flow: 60M³/Hr

Max Pressure: 12 Bar



MEDOSE SERIES PUMP

High Flow Mini Pumps for light industrial applications for Dosing and transferring in chemical, food processing, agricultural, winery, vegetable oils.

Maximum Flow: 10 ~ 3000 LPH

Max Pressure: 24 Bar

Pump Model	Max. Flow (m3/hr)	Max. Pressure (Bar)	Port Size	Motor rating Low Pressure	Motor rating Max Pressure
H-032	0.4	12	3/4"	0.37	0.37
H-061	0.8	6	32	0.55	0.55
H-062	0.8	12	32	0.75	1.1
H-064	0.5	24	50	1.1	1.5
H-091	1.2	6	50	0.55	0.75
H-092	1.2	12	50	1.1	1.5
H-121	2.5	6	50	0.75	1.1
H-122	2.5	12	50	1.5	2.2
H-151	4	6	50	1.1	1.5
H-181	5	6	65	1.5	2.2
H-152	5	12	65	2.2	3
H-153	5	18	65	3.7	5.5
H-241	8	6	65	2.2	3.7
H-272	8	12	65	3.7	5.5
H-273	8	18	65	5.5	7.5
H-281	11	6	65	2.2	3.7
H-331	20	6	80	5.5	7.5
H-341	25	6	80	5.5	7.5
H-391	20	6	100	5.5	7.5
H-392	20	12	100	7.5	11
H-393	20	18	100	11	15
H-361	30	6	100	7.5	11
H-421	40	6	100	11	15
H-451	35	6	125	11	15
H-452	35	12	125	15	18.5
H-453	35	18	125	22	30
H-431	50	6	100	15	18.5
H-481	50	6	125	11	15
H-482	50	12	125	18.5	22
H-483	50	18	125	30	37
H-511	60	6	125	18.5	22
H-521	60	6	150	18.5	22
H-522	60	6	150	22	30
H-541	70	12	125	18.5	22
H-601	80	6	200	22	30
H-602	80	12	200	37	45
H-631	100	6	200	30	37
H-632	100	12	200	45	55

Material Options

Housing Components: Cast Iron, Cast Steel, Cast Stainless Steel, Fabricated Steel and Stainless Steel

Stator: Natural, Nitrile, High Nitrile, EPDM, Chloro- Sulphonated Rubber, Fluor elastomer

Rotor: Case Hardened Steel, Alloy Steel, SS410, SS304, SS316, Tool Steel D3

Coupling Rod: Alloy Steel, Stainless Steel

Shaft: Alloy Steel HCP, Stainless Steel UP/HCP.

Special Materials: Other Exotic options also available.

Sealing Options –

Soft Packing Materials: Lubricated PTFE Yarn Packing, Graphited Impregnated Glass Yarn Packing
Lubricated with Mineral Oil

Mechanical Seals: Single coil Elastomer Bellow Seals, Balanced Seals, Double Seals Flushing / quenching as per API Plan optional.

SPARE PARTS OF PROGRESSIVE CAVITY PUMP

High Flow Equipments is one of the major suppliers of after-market spare parts of various fluid handling equipment, especially PUMPS. We make sure that we supply high quality spare parts for your equipment at competitive prices along with faster deliveries.

- Rotor- SS316, SS304, SS410, Tool Steel, Duplex, Super Duplex
- Stator- NBR Nitrile Black/ White food grade, EPDM, HNBR, Viton
- Coupling Rod and Drive Shaft- SS, Tool Steel, Alloys
- Boot Seal- NBR Nitrile Black/ White food grade, EPDM, HNBR, Viton
- Coating Options: Hard Chrome Plating, D3-HCP for Tool Steel

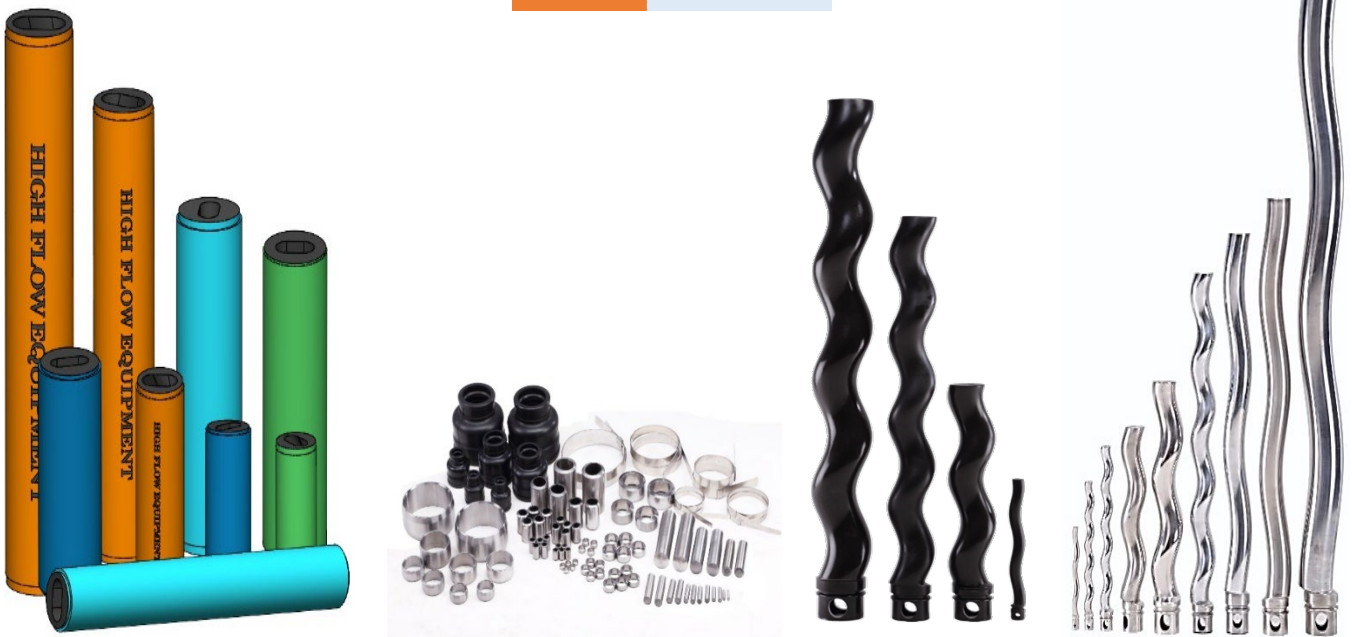
Netzsch® Seepex® Roto® PCM® Mono® Moyno® Allweiler®

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While we make sure that each and every item goes out is inspected for quality and dimensional measurement, we also provide “12 Months Warranty” for any manufacturing defect.

GLOBALLY TRUSTED RETROFIT PARTS

12 Months
Warranty



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