



TranspumpServ
GLOBAL PVT LTD



PRODUCT LINE CARD

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GLOBAL PVT LTD

TRANSPUMPSERV GLOBAL PVT LTD.

Expert pump solutions provider offering consultancy, analysis, service, and refurbishment for optimized pump performance and efficiency



STREMLINED - RESILIENT - PROTECTED - EXPERT PUMP SOULTIONS

OUR SERVICES

- CONNSULTANCY AND ANALYSIS
- OPERATION
- SYSTEM OPTIMIZATION
- IOT- I PROMPT
- INSTALLATION & COMMISSIONING
- LASER ALIGNMENT
- REPAIRS & UPGRADE
- TRANSPUMPSERV REFURBISHMENT
- PUMP ACCESSORIES & SPARE PARTS
- TRANSFLUID - LIVE ASSISTANT & TRAINING
- TRANSPUMP SERV PACKAGE

**LEADING MANUFACTUER OF INDUSTRIAL PUMPS DESIGNED FOR
PERFOMANCE, RELIABILITY, AND INNOVATION**

TYPES OF PUMPS



ISO-2858 DESIGN CENTRIFUGAL PUMPS

KEY FEATURES:

- Standardized and modular design
- Flanges according to ISO 7005 PN 16
- High Efficient pump
- Easy maintenance through the Back-Pull-Out design
- MOC : CI, CS, SS304, SS316, DUPLEX, A-2, HAST- B/C

Design Specifications:

- Max. capacity : 1500m³/h
- Max. delivery head : 140 m
- Max. liquid temp : 250°C
- Max. pressure : 16 bar
- Max. speed: 3600 rpm



ANSI VERTICAL IN-LINE CENTRIFUGAL CHEMICAL PROCESS PUMP (A996 SERIES)

KEY FEATURES:

- Pump Design Features
- Accommodate in very small space directly in the pipeline as Valve
- Eliminates Pump alignment work in the field
- Lower Pump Installation Cost
- Fully Open Impellers
- MOC : CI, CS, SS304, SS316, DUPLEX, A-2, HAST- B/C

Design Specifications:

- Capacities up to 1400 GPM (318 m³/h)
- Heads up to 700 feet (213 m)
- Temperatures up to 500° F (260° C)



ISO-2858 DESIGN NON-METALLIC CENTRIFUGAL PUMPS

KEY FEATURES:

- Cast iron armours with injection moulded wetted parts are designed to handle higher hydraulic pressures and flange loads.
- Non metallic pumps are excellent alternates to expensive super alloy pumps for hazardous, corrosive and toxic media.

Design Specifications:

- Capacity [Q] : up to 1100USGPM /250 m³/hr
- Head [H] : up to 400ft/122M
- Viscosity : up to 150 mPas (cP)
- Suction Lift : 8 m (26 ft) with priming chamber*



ANSI END-SUCTION CENTRIFUGAL PROCESS PUMP (A196 SERIES) – 1 ST

KEY FEATURES:

- Accommodate in very small space directly in the pipeline as Valve
- Eliminates Pump alignment work in the field
- Lower Pump Installation Cost
- Fully Open Impellers
- Highly Engineered Seal Chambers
- MOC : CI, CS, SS304, SS316, DUPLEX, A-2, HAST- B/C

Design Specifications:

- Capacities up to 1400 GPM (318 m³/h)
- Heads up to 700 feet (213 m)
- Temperatures up to 500° F (260° C)
- Pressures up to 375 PSIG (2586 kPa)



SELF-PRIMING MULTIPURPOSE PERIPHERAL FLOW AODD PUMP

KEY FEATURES:

- Self Priming
- High performance and long life diaphragm - Abrasive and Corrosive materials handled without problems
- No rotating parts - Hence No Maintenance Required
- Wide range of material combinations - Low and high viscous liquids, alkalis or acids
- MOC : PP, TEFLON, SSS304, SS316

Design Specifications:

Max Flow Upto 1590 m³/h (7000 GPM)
Max Head Upto 223 m (730 ft)
Max Temperature 371° C (700° F)



SELF-PRIMING CENTRIFUGAL PUMPS

KEY FEATURES:

- Ideal for handling contaminated liquids STP/ETP
- Excellent self-priming ability due to Mechanical Seal
- No non-return valve required in the inlet
- Single unbalanced/balanced seals to EN 12756 (DIN 24960)
- Max Suction Lift upto 8 Mtrs

Design Specifications:

- Casing : Cast iron, Bronze, Stainless steel
- Impeller : Cast iron, Bronze, Stainless steel
- Max. capacity : 350 m³/h (1540 GPM)
- Max. delivery head : 80 m (262 ft)
- Max. liquid temp : 95°C (203°F)
- Max. pressure : 900 kPa (9 bar) (131 psi)
- Drive option - Motor / Engine driven

TYPES OF PUMPS



ISO-2858 DESIGN MAG DRIVE PUMPS METALLIC/NON-METALLIC

KEY FEATURES:

- Type : Single stage, Horizontal Centrifugal pump
- Hydraulic Performance : DIN EN ISO 2858
- Technical Design : DIN EN ISO 15783
- Drive : Permanent Magnet, maintenance free

Design Specifications:

- Capacities : 0.25-200 m³/h
- Heads : 3-90 m
- Temperatures : -100c to + 350c
- Kinematic Viscosities : 0.5-350 mm²/s



HORIZONTAL SPLIT CASING PUMPS

KEY FEATURES:

- Double suction impeller for balanced operation
- High efficiency with low NPSH requirement
- Robust construction for long service life
- Heavy-duty shaft with minimal deflection
- MOC : SS316, SS304, DUPLEX, CS, CI, A-20, HAST-C/B

Design Specifications:

- Flow Rate: Up to 20,000 m³/hr
- Head: Up to 200 meters
- Operating Pressure: Up to 25 bar
- Temperature Range: -10°C to +140°C (Depending on material and sealing)



BOILER FEED HIGH PRESSURE PUMP

KEY FEATURES:

- High-pressure design for feeding water to boilers
- Multistage construction for high head applications
- Designed for continuous duty under extreme conditions
- Balanced hydraulic design to reduce axial thrust
- MOC : SS316, SS304, DUPLEX, CS, CI, A-20, HAST-C/B

Design Specifications:

- Flow Rate: Up to 500 m³/hr
- Head: Up to 1000 meters
- Operating Pressure: Up to 100 bar
- Temperature Range: Up to 180°C



LIQUID RING VACUUM PUMPS

KEY FEATURES:

- High-efficiency operation with low power consumption
- Capable of handling wet, dry, and saturated gases
- Robust and compact design for continuous duty
- Corrosion-resistant materials for aggressive media
- MOC : SS316, SS304, DUPLEX, CS, CI, A-20, HAST-C/B

Design Specifications:

- Capacity: Up to 10,000 m³/hr
- Ultimate Vacuum: Up to 0.05 mbar (abs)
- Operating Pressure Range: Atmospheric to deep vacuum
- Motor Power: Up to 500 kW (as per model and application)
- Temperature Range: 5°C to 90°C (depending on sealing and construction)



MIXFLOW PUMPS

KEY FEATURES:

- Low head, high capacity pumps
- Gland packed/mechanical seal
- 50HZ/60HZ availability
- Option available in horizontal as well as vertical delivery position

Design Specifications:

- Delivery size from 200 mm to 650 mm (8 to 26)
- Capacity up to 7000 m³/hr (30,820 US gpm)
- Head up to 30 metres (90 ft.)
- Temperature 5° C to 140° C



GEAR PUMPS (External / Internal)

KEY FEATURES:

- Self Priming Pumps With 5 Mtr Suction Lifts
- Compact Size
- Low Noise
- High Efficiency
- Easy Maintenance
- Double Helical Gears To Reduce Axial Thrust

Design Specifications:

- Capacity : Up to 200 m³/hr
- Head : Up to 120 Mtr.
- Discharge Size : 12 mm to 200 mm
- Temperature : Up to 250°C
- Viscosity upto 85000 cp

TYPES OF PUMPS



SCREW PUMPS

KEY FEATURES:

- Positive Displacement
- Rotary Motion
- Single / twin / triple screw
- Intermeshing Screws
- Self-Priming
- Handles Viscous Fluids upto 500000 cp with hopper design
- Can Handle Solids & fruits such as grapes, strawberry without damage
- Low Pulsation
- MOC : SS316, SS304, DUPLEX, CS, CI, A-20, HAST-C/B

Design Specifications:

- Max Flow : Upto 68 m³/h
- Max Temperature : 250° C



TRIPLEX PLUNGER PUMP

KEY FEATURES:

- It Consists Of Three Plunger Arrangements Working In Tandem
- The Pump Design Is Simple And Easy To Install
- Can Handle Highly Viscous Liquids Or Fluids With Solid Particles
- Generates Very High Discharge Pressure Consistently

Design Specifications:

- Capacity : Up to 300 m³/hr
- Pressure : Up to 1500 Kg/cm²
- Discharge Size : Customised
- Temperature : Customised
- M.O.C. : C.I., SS304, SS316



AXIAL FLOW PUMPS

KEY FEATURES:

- The Pump Design Includes A Heavy-Duty Thick Metal Suction At The Elbow
- Stuffing Box And Impeller, Which Extend The Pump's Wear Life.
- High-Efficiency Impeller Available In A Wide Variety Of Vane Angles
- Can Discharge A Large Volume Of Fluid At A High Flow Rate

Design Specifications:

- Capacity : Up to 5000 m³/hr
- Head : Up to 140 Mtr.
- Discharge Size : 50mm to 500mm
- Temperature : Up to 100°C
- Speed : Up to 3500 rpm



VERTICAL LONG SHAFT PUMPS

KEY FEATURES:

- Standardized and modular design
- Magnetic driven option
- Customized sump depths up to 10 m
- Re-producible optimized hydraulics
- High efficiency impeller

Design Specifications:

- Max. capacity: 1500 m³/h
- Max. delivery head: 160 m
- Max. liquid temp: 160°C
- Max. pressure: 1600 kPa (16 bar), for API 610 up to 3500 kPa (35 bar)



GEAR PUMPS (External / Internal)

KEY FEATURES:

- Self Priming Pumps With 5 Mtr Suction Lifts
- Compact Size
- Low Noise
- High Efficiency
- Easy Maintenance
- Double Helical Gears To Reduce Axial Thrust

Design Specifications:

- Capacity : Up to 200 m³/hr
- Head : Up to 120 Mtr.
- Discharge Size : 12 mm to 200 mm
- Temperature : Up to 250°C
- Viscosity upto 85000 cp



BOILER FEED HIGH PRESSURE PUMP

KEY FEATURES:

- High-pressure design for feeding water to boilers
- Multistage construction for high head applications
- Designed for continuous duty under extreme conditions
- Balanced hydraulic design to reduce axial thrust
- MOC : SS316, SS304, DUPLEX, CS, CI, A-20, HAST-C/B

Design Specifications:

- Flow Rate: Up to 500 m³/hr
- Head: Up to 1000 meters
- Operating Pressure: Up to 100 bar
- Temperature Range: Up to 180°C

TYPES OF PUMPS



LIQUID RING VACUUM PUMPS

KEY FEATURES:

- High-efficiency operation with low power consumption
- Capable of handling wet, dry, and saturated gases
- Robust and compact design for continuous duty
- Corrosion-resistant materials for aggressive media
- MOC : SS316, SS304, DUPLEX, CS, CI, A-20, HAST-C/B

Design Specifications:

- Capacity: Up to 10,000 m³/hr
- Ultimate Vacuum: Up to 0.05 mbar (abs)
- Operating Pressure Range: Atmospheric to deep vacuum
- Motor Power: Up to 500 kW (as per model and application)
- Temperature Range: 5°C to 90°C (depending on sealing and construction)



HORIZONTAL MULTISTAGE PUMPS

KEY FEATURES:

- Ability To Generate A High Amount Of Pressure From A Simple Pump Unit
- These Pumps Work At Low Noise And Have A Very Long Service Life
- Low-Cost And High-Reliability Operations Make The Entire Pump System
- Cost-Effective
- Their Simple Design Makes Them Easy To Integrate And Use In Pump Systems.

Design Specifications:

- Capacity Up to 28 m³/hr
- Head Up to 77 Mtr
- Discharge Size 25mm To 50mm
- Power Range 0.37-7.50 kW
- Temperature Up to 104°C



SEWAGE SUBMERSIBLE PUMPS

KEY FEATURES:

- Vortex mpellers / cutter version to break solids
- Can Operate Efficiently In Submersed Condition
- The Pump Can Easily Handle Solid Particles Up To 50mm In Size
- Very Lightweight And Handy In Operation
- Double mechanical seal

Design Specifications:

- Capacity : Up to 132 m³/hr
- Head : Up to 40 Mtr.
- Temperature : 45°C
- HP : 0.75 to 10 (1 to 3 HP in single phase)
- RPM : Up to 2880



VERTICAL MULTISTAGE PUMPS

KEY FEATURES:

- High pressure pumps
- Direct Drive Pump And Motor Shafts Are Designed For Positive.
- Air Vent Provided In Casing Cover Ensures Proper Venting To Avoid Dry Run.
- A Low Axial Thrust Impeller Helps In Extending The Motor Bearing Life.

Design Specifications:

- Capacity : Up to 1280 m³/hr
- Head : Up to 320 Mtr
- Discharge Size : 32mm To 100mm
- Temperature : -15°C to 120°C



ELECTRIC MOTORS

TYPES OF ELECTRIC MOTORS & THEIR RANGE

1. Induction Motor (Squirrel Cage)

Power: 0.25 HP to 500 HP
Speed: 750 / 1000 / 1500 / 3000 RPM
Voltage: 415V / 690V
Frame Size: 63 to 355

2. Flameproof / Explosion Proof Motor

Power: 0.37 HP to 200 HP
Speed: 750 to 3000 RPM
Frame: 80 to 315
Protection: Ex d / Ex e / Zone 1, 2

3. Dual Speed Motor (Pole Changing)

Power: 0.5 HP to 100 HP
Speeds: 750/1500 RPM or 1000/1500 RPM
Application: Fans, pumps, hoists

4. IE2 / IE3 / IE4 Energy Efficient Motors

Power: 0.37 HP to 500 HP
Efficiency: As per IEC 60034-30
Voltage: 415V / 690V
Frame: 80 to 355



GEAR BOX

TYPES OF GEARBOXES & THEIR RANGE

1. Helical Gearbox

Torque: Up to 20,000 Nm
Power: 0.5 HP to 500 HP
Ratio: 3:1 to 100:1

2. Bevel Gearbox (Spiral / Straight)

Torque: Up to 10,000 Nm
Power: 0.5 HP to 300 HP
Ratio: 1:1 to 75:1

3. Worm Gearbox

Torque: Up to 15,000 Nm
Power: 0.25 HP to 100 HP
Ratio: 10:1 to 100:1

5. Inline Gearbox

Torque: Up to 12,000 Nm
Power: 0.5 HP to 350 HP
Ratio: 2:1 to 100:1



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WHY CHOOSE US?

- EXPERIENCED TEAM
- PUMPING SOLUTIONS
- TIMELY DELIVERY
- COMPETITIVE PRICING
- CUSTOMER-FOCUSED APPROACH



INDUSTRY

WE SERVE

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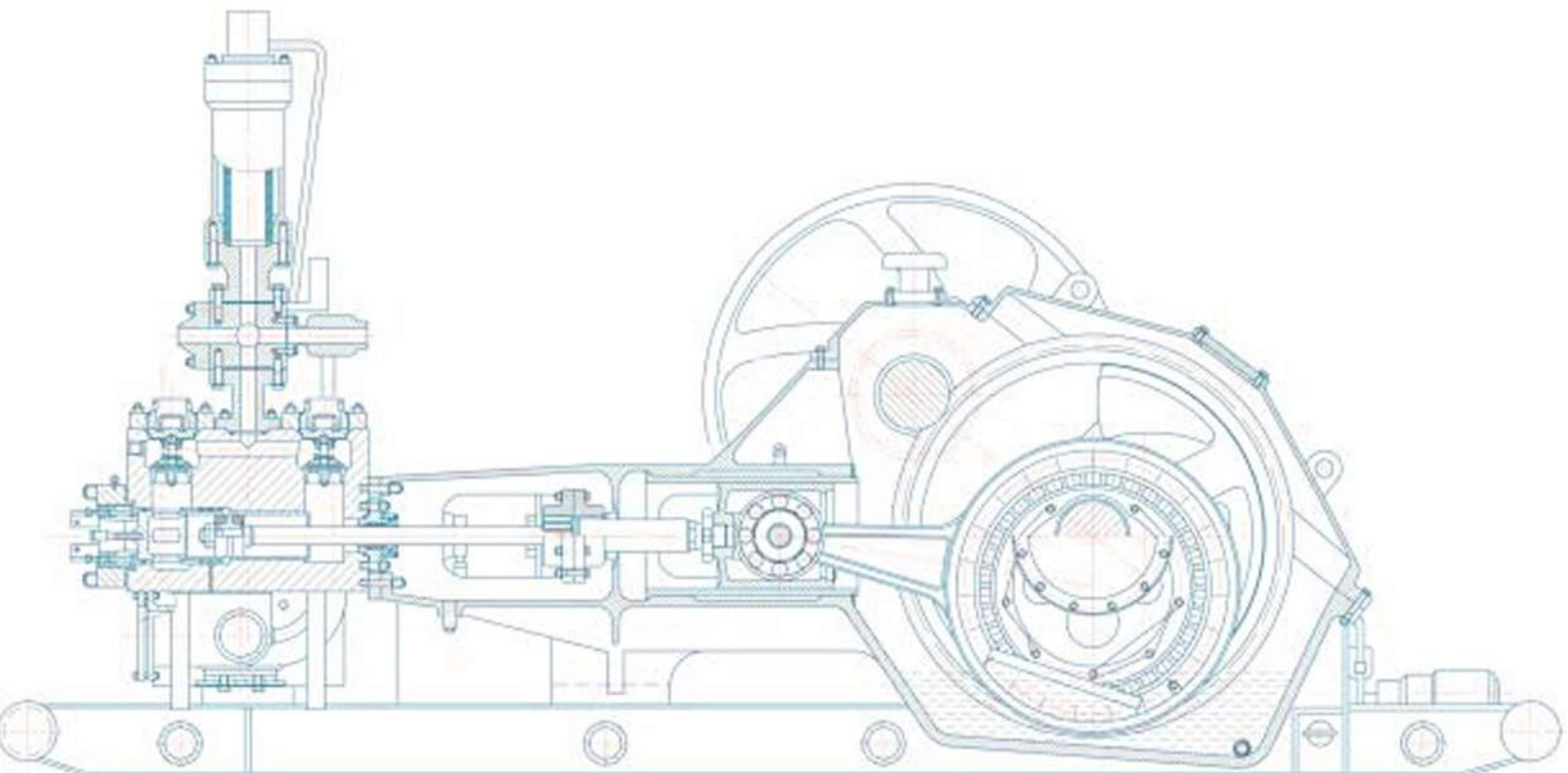
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