EXPERT ENGINEERING

INDUSTRIAL PUMP
**MECH. SEAL. FITTED:**

**GMP-S SERIES**

- **Application:**
  - Dewatering Swamp, Trenches & Basements, Effluent Treatment Plants, Swimming Pools.
  - Marine Application, Transfer For Petrol, Diesel, Kerosene, Spirits, Gasoils etc.

- **Technical Data:**
  - **Capacity:** up to 75 m³/hr.
  - **Head:** up to 35 mtrs.
  - **Suction Head:** up to 7.5 mtrs.
  - **Material:** Cl. Bronze, Gun Metal, Stainless Steel and Other Alloys
  - **Viscosity:** up to 100 mm²/ Sec.
  - **Max. Solid Hand Size:** up to 25 mm

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**SINGLE STAGE HORIZONTAL NON-CLOG SELF PRIMING. MUD/SEWAGE PUMP**

**GMP SERIES**

- **Application:**
  - Dewatering, mud, marine, effluent, hotel, loading & transfer of oils, spirits, swimming pools, gas oils, engine cooling.
  - Vessels, industrial-pumping petroleum products, chemical
  - Civil construction-dewatering foundations, trenches and pits.
  - Filter press feeding, ETP, STP, water for marine engines and shovels.

- **Operating Data:**
  - **Capacity:** up to 840 m³/hr
  - **Head:** up to 55 mtrs.
  - **Suc Head:** up to 5 mtr.
  - **Discharge Size:** 40 mm to 200 mm
  - **Solid Size:** up to 50 mm
  - **Temperature:** up to 110°C
  - **Speed:** up to 3500 rpm
  - **Pressure:** up to 5.5 kg/cm²
  - **M.O.C.:** C.I. C.S., SS-304 / 304L, SS316 / 316L, Bronze, Alloy-20.
  - **CD4MCU, Hast alloy B & C, etc.**

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**MUD/SEWAGE MONOBLOCK PUMPS.**

**GMP-M SERIES**

- **Application:**
  - Dewatering, mud, marine, effluent, hotel, loading & transfer of oils, spirits, swimming pools, gas oils, engine cooling.
  - Vessels, industrial-pumping petroleum products, chemical
  - Civil construction-dewatering foundations, trenches and pits.
  - Filter press feeding, ETP, STP, water for marine engines and shovels.

- **Technical Date:**
  - **Capacity:** up to 75 m³/hr
  - **Head:** up to 48 mtrs.
  - **Suction Head:** up to 5 mtr.
  - **Temperature:** up to 110°C
  - **Max. Solid Hand Size:** up to 25 mm
  - **Material:** Cl, Bronze, CS, SS-304, SS-316 / 316L, Alloy-20 etc.
**CHIMICAL PROCESS PUMP**

**GCP SERIES**

**Application:**
The chemical process pump “GCP” is widely used for chemical, Petrochemical industries. Media which can be easily pumped are Acids, Caustic, Ammonia, Phosphate, Dyes, Oils, Solvents, Alcohol, Aromatics etc. Also suitable for Textile, Food, Paper & Pulp, Pharmaceuticals etc.

**Technical Data:**
- Max. Capacity: up to 400 m³/hr. Max.
- Head: up to 150 mtr.
- Pressure: up to 16 bar
- Temperature: up to 200°C
- Material: Cl, CS, SS-304, SS-316 Other alloys
- Impeller: Closed / Semi Open
- Flanges: As per ISO 7005 & ANSI-B-16.5 PN16

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**CENTRIFUGAL POLYPROPYLENE PUMP**

**GHE SERIES**

**Application:**

**Technical Data:**
- Head: up to 45 Mtr.
- Flow: up to 50 m³ / hr
- Temp: up to 65-70°C
- M.O.C.: PP, UHMWPE
- RPM: 1440 - 2880 RPM
- Type: Mechanical Seal / Gland Type

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**CENTRIFUGAL POLYPROPYLENE PUMP**

**GXP SERIES**

**Application:**

**Technical Data:**
- Head: up to 65 Mtr.
- Flow: up to 300 m³ / hr
- Temp.: Max. 80°C
- M.O.C.: PP, UHMWPE
- RPM: 1440 - 2880 RPM
- Type: Mechanical Seal / Gland Type
**VERTICAL POLYPROPYLENE PUMP**

**GVPP - SERIES**

**Application**:
Treatment plant, electro plating & steel rolling mills, Loading - unloading like HCl, Sulphric acid / Alkali, Caustic liquid Scrubbing of corrosive gasses like CI2, NH2, BR2, etc.; Ideal for circulation of chemical in metalfinishing industry.

**Technical Data**:
- Head: up to 50 mtr.
- Flow: up to 45 m3 / hr
- Temp: up to 70 C
- M.O.C.: PP, UHMWPE
- RPM: 1440 & 2880 RPM
- Pressure: 5 kg / cm2

*Note: Seal Less / Gland Less*

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**POLYPROPYLENE MONOBLOCK PUMP**

**GMPP - SERIES**

**Application**:

**Technical Data**:
- Head: up to 25 Mtr.
- Flow: up to 18 m3 / hr
- Temp: up to 65-70 C
- M.O.C.: PP, UHMWPE, PYDF

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**MONO BLOCK PUMP**

**GMBP - SERIES**

**Application**:
Cooling Tower, Water Supply For Domestic Use In Apartment, Hostels, Swimming Pools, Automobile, Service Station Power Plant, Railway Line

**Technical Data**:
- Head: up to 60 mtr.
- Flow: up to 120 m3 / hr
- M.O.C.: CI, CS, SS 316
- RPM: 2900 RPM
- Power Rating: Single Phase & Three Phase
**ROTARY GEAR PUMP WITH HELICAL GEAR**

**GGP - SERIES**

**Application:**
To deliver variety of light and viscous liquid such as Oil, fats, Coal tar, Paints, Molasses.
Highly viscous materials and liquids paints, Ammonia, Glycerin, Grease etc.

**Technical Data:**
- **Head:** up to 120 mtr.
- **Flow:** up to 200 m³/hr
- **Temp.:** up to 250°C
- **M.O.C.:** Cl, CI / SS, SS 304, SS 316, 316L
- **RPM:** 1440 RPM
- **Type:** Mechanical Seal / Gland Type

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**HORIZONTAL SIDE SUCTION PUMP**

**GSSP - SERIES**

**Application:**
Filter press feeding, Dyes & Intermediates, Slurry transfer.
Cake transfer, ETP Plant. Sugar & Food Industries.

**Technical Data:**
- **Head:** up to 70 mtr.
- **Flow:** up to 110 m³/hr
- **Temp.:** up to 110°C
- **M.O.C.:** Cl, CI / SS, SS 304, SS 316, SS 316L, Bronze, Alloy 20 etc.
- **RPM:** 1440 RPM
- **Type:** Mechanical Seal / Gland Type

**Note:** Only Positive Suction

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**PROGRESSIVE CAVITY SCREW PUMPS**

**GSP - SERIES**

**Technical Data:**
- **Capacity:** up to 150 m³/hr
- **Pressure:** up to 30 kg/cm²
- **Discharge Size:** 25 mm to 150 mm
- **Speed:** up to 720 rpm
- **Temperature:** Max 120°C
- **Viscosity:** up to 1,00,000 CSt
- **Solid Hand Size:** Max. 25 mm
- **M.O.C.:** C.I. WCB, SS-304, SS 304L, SS316, SS 316L, Alloy - 20, CD4MCU, Bronze, SS410, Tool Steel etc...
- **Stator:** Natural, nitrile, Neoprene, EPDM, Hypalon, Viton, Food Grade & Special Quality Rubber.

**Applications:**
- Effluent treatment
- Pulp & paper
- Sugar & Distilleries
- Chemical & Petrochemicals
- Cermics & Insulator
- Starch Industries
- Sweets & Confectionaries
- Dairy
- Paint & Varnishes
- Fruits & Vegetable processing
- Beverage Industry
- Cosmetics & Medicines
**Application:**
Solvents, Slurry transfer, Barrels, Acidic Materials, High Viscous liquid, Abrasive media

**Technical Data:**
- **Head:** up to 50 mtr.
- **Flow:** up to 45 m³ / hr
- **Temp:** up to 120°C
- **M.O.C.:** Investment Casting CFBM (SS-316), Aluminium, PP, PVDF
- **Max. Particle Size:** 6.35 mm
- **Air Pressure:** Max. 7 kg/cm²
- **Air Inlet Size:** 1/4 to 1/2"'
- **Air Exhaust:** 3/4 to
- **Suction Lift:** Dry : 4.57 meter / wet : 7.6 m
- **Teflon:** Dry : 3.05 m / Wet : 6.09 m

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**HIGH PRESSURE MULTI STAGE BOILER FEED PUMP**

**GBFP - SERIES**

**Application:**
Boiler feed, Marine, Fuel oil, Power Plant, Industrial clear Water Condensate Water, Multi Storied building water supply

**Technical Data:**
- **Head:** up to 250 mtr.
- **Flow:** up to 20 m³ / hr
- **Temp:** up to 105°C
- **M.O.C.:** CI, CS, Bronze, CI/SS

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**CENTRIFUGAL AIR COOLED HOT OIL PUMP**

**GTCP - SERIES**

**Technical Data:**
- **Capacity:** up to 180 m³ / hr
- **Head:** up to 80 Mtr
- **Discharge Size:** 32 mm to 80 mm
- **Temperature:** up to 350°C
- **Pressure:** up to 8 kg/cm²
- **Speed:** up to 3500 rpm
- **Cooling Method:** With Air
- **M.O.C.:** Grey Cast Iron, Cast Steel, Alloy Cast Steel

**Scope of Applications:**
- PETROL - CHEMICAL INDUSTRIES
- OIL INDUSTRIES
- SYNTHETIC - FIBRE INDUSTRIES
- TEXTILE, DYEING, PRINTING INDUSTRIES
- PLASTIC AND RUBBER INDUSTRIES
- PAPER MAKING INDUSTRIES
- TIMBER PROCESSING INDUSTRIES
- SUGAR INDUSTRIES
- FOOD INDUSTRIES
- CONSTRUCTION INDUSTRIES
**Application:**
The "Globe" sump pump is suitable for handling thin, clean or slightly contaminated liquids, such as water, cooling water, Effluent, Cleaning products, Chemicals, and hydrocarbons. Sulphuric acid application, Acid transfer, Aquariums, Chemical processing Chloralkali, General Processing industry, Light slurries, Organic chemicals, Polymers, Petrochemical processing, Slurries, Solvents, Waste processing.

**Technical Data:**
- Capacity: up to 325 m³/hr
- Head: up to 60 mtr.
- Discharge Size: 25 mm to 125 mm
- Temperature: up to 60°C
- Pump Length: up to 4 mtr.
- Speed: up to 3600 rpm
- Pressure: up to 6 kg/cm²

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**PULP & PAPER MILL PUMP**

**GPMP - SERIES**

**Application:**
- Pulp and Paper industries
- Chemical & Process Industries
- Pain Oil Mills & Refineries
- Waster Water Treatment
- Suger Mill

**Technical Data:**
- Flow: up to 4000 m³/hr
- Head: up to 140 m
- Pressure: up to 16 bar
- Temp: 140°C
- Speed: 3000 RPM

**Trials and Tested:**
- In the pulp industry for conveying
- Chemical Pulp
- Mechanical Pulp
- Recycled Fibers
- Caustic, Iye
- Fibrous Sludge
- Food industry
- Sweage Water Treatment

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**PUMP SPARES**

- [Image of pump spares]

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*Note: The image contains visual elements that are not translated into text.*