



TEGH INDIA



**PUMPWALA**  
*Pumping solutions since 1986!*



# ABOUT US

Dear Valued Client,

We at TEGH INDIA extend our heartfelt gratitude for your continuous patronage and support in choosing **POLYCAB Cables and Wires** for your electrical needs. Your trust in our brand has enabled us to strive towards excellence in providing you with the best products and services.

We are delighted to inform you that we have expanded our product range and are now **manufacturing a comprehensive range of PUMPS** under the '**PUMPWALA**' brand banner specializing in pumps and valves for various applications, including but not limited to **Chemical Transfer, Oil and Gas (LPG Transfer & Bottling), Solvent Transfer, Boiler Feed, DAF equipment, Waste-water treatment, Fire fighting, Utilities, and Water Supply.**

Our extensive range of pumps includes:

- ❖ SELF PRIMING SIDE CHANNEL MULTISTAGE PUMPS
- ❖ VERTICAL INLINE CENTRIFUGAL MULTISTAGE PUMPS
- ❖ VOLUTE CASING INLINE HIGH FLOW PUMPS
- ❖ CENTRIFUGAL HORIZONTAL END SUCTION BACK PULL-OUT PUMPS (API & NON API)
- ❖ CENTRIFUGAL HORIZONTAL SPLIT CASE PUMPS (API & NON API)
- ❖ MONOBLOCK PUMPS

With our in-house foundry and casting facility, we can supply pumps in various materials of construction, including:

- ❖ DUCTILE IRON
- ❖ STAINLESS STEEL
- ❖ HT-BRONZE
- ❖ DUPLEX STAINLESS STEEL
- ❖ HASTE ALLOY
- ❖ Polypropylene
- ❖ PVDF
- ❖ Teflon & more.



Our team of experts provides consultancy services to all our clients to help them select the correct pump and valve for their application in the correct material of construction.

We are also authorized channel partners for pumps of KIRLOSKAR & CRI make.

We would be pleased to receive your inquiries for pumps and valves and provide you with our most competitive rates.

Thank you again for your continued trust in our brand, and we look forward to serving you with our new range of products.



# CENTRIFUGAL HIGH PRESSURE MULTI STAGE PUMPS

## Operating Data:



**JRKB SERIES**

Capacity	: Up to 80M3/hr.
Head	: Up to 300Mtr.
Discharge Size:	32mm to 100mm
Temperature	: Up to 120°C
Speed	: Up to 3500rpm
Pressure	: Up to 30kg/cm
M.O.C.	: Cast Iron, Bronze, Steel, etc.

## Applications:

- Condensate water transfer.
- Sprinkler irrigation or water supply in hilly area.
- Fire-fighting system.
- Water supply to high rise.
- Buildings, Mine dewatering.
- Boiler feed.
- Reverse osmosis.
- Condensate extraction.
- Booster plants.
- Hot & cooling water circulating.
- High pressure for hydraulic pressure.
- Filter press.
- Washing power plant



# SELF PRIMMING MULTI STAGE HIGH PRESSURE / HIGH HEAD PUMP

## Operating Data:



**A/AO SERIES**

Capacity	: Up to 22M3/hr.
Head	: Up to 288 Mtr.
Discharge Size:	25mm to 50mm
Temperature	: 105°C
Suction	: lift up to 7mtr
Speed	: Up to 1500 mm
Pressure	: Up to 28.8kg/cm°
M.O.C.	: Cast Iron, Bronze, Steel, etc.

## Applications:

- Transfer to liquid containing vapour air or gas.
- Boiler feed, marine, refrigeration, fuel oil.
- High pressure testing.
- Power plant.
- Water supply to multi storied building.
- Hilly area village.
- Sprinkler irrigation.
- Industrial clear water.
- Condensate water transfer.

# SELF PRIMING CENTRIPETAL PUMPS

## Operating Data:



Capacity : Up to 8M3/hr.  
Head : Up to 60Mtr.  
Discharge Size: 25mm to 40mm  
Temperature : 110°C  
Speed : Up to 1440rpm  
M.O.C. : C.I., C.S., SS-304, SS316, Bronze, Alloy-20, CD 4MCU, etc.

## Applications:

- Loading and unloading of small and big drums.
- Borrels.
- Small tankers.
- Large use rolling mills for picking and solvent plant.
- Pharmaceutical
- Laminates

**JSP SERIES**

# VERTICAL LONG SHAFT SUMP PUMPS

## Operating Data:



Capacity : Up to 325 M3/hr.  
Head : Up to 60Mtr.  
Discharge Size: 25mm to 125mm  
Temperature : 60°C  
Pump Length : Up to 4mtr  
Speed : Up to 3500rpm  
Pressure : Up to 6kg/cm<sup>2</sup>  
M.O.C. : C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast Alloy B & C, etc.

## Applications:

- Sulphuric acid application, acid transfer, aquariums, Chemical processing, Chlor-alkali, General processing Industry, Light slurries, Organic chemicals, Polymers, Petrochemical processing, Slurries, Waste processing.

**JVSP SERIES**

# SINGLE STAGE, END SUCTION BACK PULL OUT TYPE CENTRIFUGAL PROCESSING PUMPS

## Operating Data:



**JDB/JPD**

Capacity	: Up to 2200M3/hr.
Head	: Up to 150 Mtr.
Discharge Size	: 25mm to 300mm
Size	: 300°C
Temperature	: Up to 3500 rpm
Speed	: Up to 15 Kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast Alloy B & C, etc.

## Applications:

- Hot & cold water circulation, cooling water circulation.
- Drip irrigation, water supply, and building services.
- Thermic fluid, jet dyeing, volatile fluids.
- Condensate handling, fire fighting system, environmental.
- Engineering, marine, refrigeration, and cooling tower installation, etc.
- Chemicals, petrochemicals, refineries, sugar, paper, laminates, industries, rubber, handling of hydrocarbons, organic and inorganic chemicals, condensate, d.m.water, food industries, salt, textiles industries, power stations & industries such as pulp, fertilizer, etc.
- Corrosive & abrasive process chemicals like acids, alkalis, solvents, slurries, hydrocarbons, crystallizing liquids, nitric ammonia, phosphate chemical effulents, etc.

# CENTRIFUGAL PROCESS PUMPS (ANSI) IN INVESTMENT CASTING



**JAP SERIES**

## Operating Data:

Capacity	: Up to 1590M3/hr.
Head	: Up to 275 Mtr.
Discharge Size	: 25mm to 300mm
Size	: Max 260°C
Temperature	: Up to 3500 rpm
Speed	: 30 Kg/cm
M.O.C.	: Ductile iron, CF8M(316) SS, CD4MCUN & Alloy 20 material available

## Applications:

- \* Oil & gas
- \* Chemical
- \* Petrochemical
- \* Water Treatment
- \* Pulp & Paper
- \* Breweries
- \* Grain processing
- \* Food Processing
- \* Poultry
- \* Processing
- \* Automotive
- \* Textile
- \* Pharmaceutical
- \* Steel
- \* Semiconductor
- \* Power generation

## Advantages:

- Magnetic drain plug
- Extra-large capacity epoxy-coated Oil sump
- Registered alignment between frame & adapter
- Standard & low-flow models available
- Heavy duty power frames
- Fully open impellers with readjustment capability
- Wide variety of mechanical seal options
- Dynamically balanced impellers
- Factory certified, high quality genuine parts
- Part-for-part interchangeable with other centrifugal pumps

# SINGLE STAGE, END SUCTION BACK PULL OUT TYPE CENTRIFUGAL PROCESS PUMPS PULP & PAPER MILL INDUSTRIES PUMPS

## Operating Data:



**JCC SERIES**

Capacity	: Up to 1200 M3/hr.
Head	: Up to 55Mtr.
Discharge Size:	25mm to 300mm
Temperature	: Up to 250°C
Speed	: Up to 1500rpm
Pressure	: Up to 5.5kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast Alloy B & C, etc.
Impellers	: Open & Semi Open type
Consistency	: Up to 7%

## Applications:

- Chest pump
- Refiners pump
- Fan pump
- Centri Cleaner pump
- Back water pump
- Separator pump
- Turbo feed pump, etc.



# CENTRIFUGAL PROCESS PUMPS (ANSI) IN INVESTMENT CASTING

## Operating Data:



**JPD-QF SERIES**

Capacity	: Up to 40 M3/hr.
Head	: Up to 48 Mtr.
Discharge Size:	25mm to 50mm
Temperature	: 250°C
Speed	: Up to 3500rpm
Pressure	: Up to 4.8kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast alloy B & C, etc.

## Applications:

- Organic/inorganic chemicals, volatile liquids, corrosive chemicals, caustic process, effluent, filter press, slurry application
- Pharmaceutical, dyes, textiles, kerosene, diesel and other solvents
- ETP, STP, & waste water treatment plant fertilizers, cement and steel industries
- For pumping chemicals, with solids in suspension polluted liquids.
- Widely used for public and civil engineering.
- Paper & pulp industries

# CORROSION RESISTANT POLYPROPYLENE CENTRIFUGAL PUMPS

## Operating Data:



**JPP SERIES**

Capacity	: Up to 50 M3/hr.
Head	: Up to 45Mtr.
Discharge Size:	25mm to 50mm
Temperature	: 80°C
Speed	: Up to 3500rpm
Pressure	: Up to 4.5kg/cm
M.O.C.	: PP, UHMWPE

## Applications:

- Water treatment plant, effluent treatment plant, electro plating, and picking & steel rolling mills.
- Excellent for transfer & loading-unloading like HCL, Sulphuric Acid/Alkali, Caustic liquid.
- Scrubbing of corrosive gases like NH, CO, SO, I, F, BR, Cl, etc.
- For handling liquids in various industries like textile paper, cellulose, sugar, steel, food, having temperature range, materials, etc.
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for picking line & scrubber in steel plants.
- High capacity transfer pumps, filter press for dyes & chemicals, descaling oil and others fuels.

# CORROSION RESISTANT POLYPROPYLENE CENTRIFUGAL PUMPS

## Operating Data:



**JPPL SERIES**

Capacity	: Up to 300 M3/hr.
Head	: Up to 65Mtr.
Discharge Size:	50mm to 100mm
Temperature	: 80°C
Speed	: Up to 3500rpm
Pressure	: Up to 6.5kg/cm
M.O.C.	: PP, UHMWPE

## Applications:

- Water treatment plant, effluent treatment plant, electro plating, and picking & steel rolling mills.
- Excellent for transfer & loading-unloading like HCL, Sulphuric Acid/Alkali, Caustic liquid.
- Scrubbing of corrosive gases like NH, CO, SO, I, F, BR, Cl, etc.
- For handling liquids in various industries like textile paper, cellulose, sugar, steel, food, having temperature range, materials, etc.
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for picking line & scrubber in steel plants.
- High capacity transfer pumps, filter press for dyes & chemicals, descaling oil and others fuels

# POLYPROPYLENE MONOBLOCK PUMPS

## Operating Data:



**JPP M SERIES**

Capacity	: Up to 50 M3/hr.
Head	: Up to 45Mtr.
Discharge Size:	25mm to 50mm
Temperature	: 80°C
Speed	: Up to 3500rpm
Pressure	: Up to 4.5kg/cm
M.O.C.	: PP, UHMWPE

## Applications:

- Water treatment plant, effluent treatment plant, electro plating, and picking & steel rolling mills.
- Excellent for transfer & loading-unloading like HCL, Sulphuric Acid/Alkali, Caustic liquid.
- Scrubbing of corrosive gases like NH, CO, SO, I, F, BR, Cl, etc.
- For handling liquids in various industries like textile paper, cellulose, sugar, steel, food, having temperature range, materials, etc.
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for picking line & scrubber in steel plants.
- High capacity transfer pumps, filter press for dyes & chemicals, descaling oil and others fuels

# VERTICAL SEAL / GLAND LESS PUMPS

## Operating Data:



**JVPP SERIES**

Capacity	: Up to 500 M3/hr.
Head	: Up to 45Mtr.
Discharge Size:	25mm to 50mm
Temperature	: 80°C
Speed	: Up to 3500rpm
Pressure	: Up to 4.5kg/cm
M.O.C.	: PP, UHMWPE

## Advantages:

- No. 1 choice for effluent treatment plants since there are no mechanical seals / glands.
- Can run dry due to absence of shaft seals.
- Few parts facilities maintenance.

## Applications:

- Water treatment plant, effluent treatment plant, electro plating, and picking & steel rolling mills.
- Excellent for transfer & loading-unloading like HCL, Sulphuric Acid/Alkali, Caustic liquid.
- Scrubbing of corrosive gases like NH, CO, SO, I, F, BR, Cl, etc.
- For handling liquids in various industries like textile paper, cellulose, sugar, steel, food, having temperature range, materials, etc.
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for picking line & scrubber in steel plants.
- High capacity transfer pumps, filter press for dyes & chemicals, descaling oil and others fuels



## PVDF CENTRIFUGAL PROCESS PUMPS



**JPF SERIES**

### Operating Data:

Capacity	: Up to 250 M3/hr.
Head	: Up to 90Mtr.
Discharge Size	: 25mm to 100mm
Temperature	: Max 120°C
Speed	: Up to 3500rpm
Pressure	: Up to 9 kg/cm
M.O.C.	: PVDF

### Applications:

- Water treatment plant, effluent treatment plant, electro plating, and picking & steel rolling mills.
- Excellent for transfer & loading-unloading like HCL, Sulphuric Acid/Alkali, Caustic liquid.
- Scrubbing of corrosive gases like NH, CO, SO, I, F, BR, Cl, etc.
- For handling liquids in various industries like textile paper, cellulose, sugar, steel, food, having temperature range, materials, etc.
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for picking line & scrubber in steel plants.
- High capacity transfer pumps, filter press for dyes & chemicals, descaling oil and others fuels
- Pesticide/Insecticides Plants, Chlorine Plants.
- Pharmaceutical & bulk Drug plants.

## TEFLON LINED CENTRIFUGAL PROCESS PUMPS



**JTF SERIES**

### Operating Data:

Capacity	: Up to 250 M3/hr.
Head	: Up to 90Mtr.
Discharge Size	: 25mm to 100mm
Temperature	: Max 200°C
Speed	: Up to 3500rpm
Pressure	: Up to 9 kg/cm
M.O.C.	: PFA/ FEP

### Applications:

- Water treatment plant, effluent treatment plant, electro plating, and picking & steel rolling mills.
- Excellent for transfer & loading-unloading like HCL, Sulphuric Acid/Alkali, Caustic liquid.
- Scrubbing of corrosive gases like NH, CO, SO, I, F, BR, Cl, etc.
- For handling liquids in various industries like textile paper, cellulose, sugar, steel, food, having temperature range, materials, etc.
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for picking line & scrubber in steel plants.
- High capacity transfer pumps, filter press for dyes & chemicals, descaling oil and others fuels
- Pesticide/Insecticides Plants, Chlorine Plants.
- Pharmaceutical & bulk Drug plants.

# CENTRIFUGAL AIR COOLED HOT OIL PUMPS



**JYP SERIES**

## Operating Data:

Capacity	: Up to 180 M3/hr.
Head	: Up to 80Mtr.
Discharge Size	: 32mm to 80mm
Temperature	: Up to 350°C
Speed	: Up to 3500rpm
Pressure	: Up to 8 kg/cm
M.O.C.	: Grey Cast Iron, Cast Steel, Alloy Cast Steel

## Scope of Application:

- \* Oil Industries
- \* Petro-Chemical industries
- \* Synthetic-fibre industries
- \* Textile, dying, printing, food industries
- \* Plastic & rubber
- \* Paper making industries
- \* Timber processing industries
- \* Construction Industries

## Design Future:

Horizontal, single stage, single suction volute type, air-cooled centrifugal pumps with closed impeller; pump shaft is supported by two heavy duty ball bearings; seal resistance mechanical seal, suction flange is on the front and axial, discharge flange is at top and radial. The above fields the pump are also proper in machinery manufacturing food processing medicine making and the circulation system for all supplying of the hot oil boiler, the circulation system for the heating installation.

# HORIZONTALLY AXIALLY SPLIT CASING PUMPS



**JVP SERIES**

## Operating Data:

Capacity	: Up to 5000 M3/hr.
Head	: Up to 140 Mtr.
Discharge Size	: 50mm to 500mm
Temperature	: Up to 100°C
Speed	: Up to 3500rpm
Pressure	: Up to 14kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hastaloooy alloy B & C, etc.

## Applications:

- Suitable for fire-fighting.
- Primary & Secondary HVAC
- Water Supply.
- Paper Plant.
- Application. High pressure boosting.
- Petroleum refineries.
- Sugar & Steel plant.
- Dewatering in mines.
- Cooling Tower.
- Recirculation.
- Industrial utility water application.
- Air conditioning & Refrigeration system.
- Irrigation.
- Desalination.
- Power plant.

## HORIZONTAL SINGLE STAGE SIDE SUCTION PUMPS

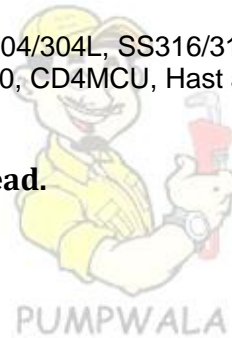
### Operating Data:

Capacity	: Up to 200 M3/hr.
Head	: Up to 100 Mtr.
Discharge Size:	40mm to 100mm
Temperature	: Up to 130°C
Speed	: Up to 3500rpm
Pressure	: Up to 10kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast alloy B & C, etc.

**Note: Only for positive suction head.**

### Application:

- Filter press feeding.
- Effluent treatment plant.
- Dyes & intermediates.
- Steel rolling mills.
- All type of industrial application.
- Slurry transfer.
- Ceramic, ETP & STP.
- Paper & pulp, Sugar & food.
- Eva-operator, scrubber application.



**JFPP SERIES**

## SINGLE STAGE HORIZONTAL, NON-CLOG SELF PRIMING, MUD / SEWAGE PUMPS

### Operating Data:

Capacity	: Up to 640 M3/hr.
Head	: Up to 55 Mtr.
Discharge Size:	50mm to 500mm
Suc. Head	: Up to 5mtr
Temperature	: Up to 110°C
Speed	: Up to 3500rpm
Pressure	: Up to 5.5kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast alloy B & C, etc.

### Applications:

- 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 & pits
- Filter press feeding, ETP, STP, waste water treatment plant.
- Mobile-machinery-cooling water for marine engines & shovels.
- Public utilities-sewage pumping
- Pier, excavations, pits, pot-holes, etc., gram panchayats, municipalities public health departments, large housing colonies, industries like chemical, pharmaceuticals, food, cement, paper, sugar, salt, steel another for liquid cargo from freighter, barges



**JSP SERIES**

## SINGLE STAGE HORIZONTAL, NON-CLOG SELF PRIMING, MUD / SEWAGE PUMPS (MECHANICAL SEAL TYPE)



**JSPMS SERIES**

### Operating Data:

Capacity	: Up to 75 M3/hr.
Head	: Up to 58 Mtr.
Discharge Size	: 32mm to 80mm
Solid size	: Up to 25mm
Temperature	: Up to 110°C
Speed	: Up to 3500rpm
Pressure	: Up to 5.8kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast alloy B & C, etc.



### Mechanical Seal Option:

- STV ( Carbon Vs. Ceramic / TC With NBR Elastomer )
- CCV ( Carbon Vs. Ceramic / TC With Viton Elastomer )
- CCT ( Carbon Vs. Ceramic / TC With PTFE Elastomer )

### Applications:

- 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 & pits
- Filter press feeding, ETP, STP, waste water treatment plant.
- Mobile-machinery-cooling water for marine engines & shovels.
- Public utilities-sewage pumping

## SINGLE STAGE HORIZONTAL, NON-CLOG SELF PRIMING, MUD / SEWAGE MONOBLOCK PUMPS



**JSPM SERIES**

### Operating Data:

Capacity	: Up to 75 M3/hr.
Head	: Up to 48 Mtr.
Discharge Size	: 40mm to 80mm
Suc. Head	: Up to 5mtr
Temperature	: Up to 110°C
Speed	: Up to 3500rpm
Pressure	: Up to 4.8kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast alloy B & C, etc.

### Applications:

- 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 & pits
- Filter press feeding, ETP, STP, waste water treatment plant.
- Mobile-machinery-cooling water for marine engines & shovels.
- Public utilities-sewage pumping
- Pier, excavations, pits, pot-holes, etc., gram panchayats, municipalities public health departments, large housing colonies, industries.

# MULTIPURPOSE ROTARY GEAR PUMPS WITH DOUBLE HELICAL GEARS



**JHG SERIES**

## Operating Data:

Capacity	: Up to 200 M3/hr.
Head	: Up to 120 Mtr.
Discharge Size:	12mm to 200mm
Temperature	: Up to 250°C
Speed	: Up to 1500rpm
Pressure	: Up to 12kg/cm
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast alloy B & C, etc.

## Applications:

- To deliver a variety of light and viscous liquid such as oil, fats, coal tar, paint molasses.
- Highly viscous or semi viscous liquids like ammonia, bleaches, coal tar, dyes fruits juice, gasoline, glycerine, glue, grease.
- Paints, soap solution etc.

# STAINLESS STEEL ROTARY GEAR PUMPS



**JHGSS SERIES**

## Operating Data:

Capacity	: Up to 80 M3/hr.
Head	: Up to 100 Mtr.
Discharge Size:	Up to 65mm
Temperature	: Up to 200°C
Speed	: Up to 1440rpm
Pressure	: 10kg/cm
M.O.C.	: SS-304, SS316

## Applications:

- Food product like ghee, butter, pulp, vegetable sauce
- Pharmaceutical ingredients
- Cosmetic industries
- Dyes & resins, printing houses
- Chemical industries

# WATER SEPERATOR PUMPS FOR PAPER INDUSTRIES

## Operating Data:



**JWSP SERIES**

Capacity	: Up to 250 M3/hr.
Head	: Up to 26 Mtr.
Discharge Size:	80mm to 125mm
Temperature	: Max 120°C
Pressure	: Up to 2.6kg/cm
HP	: Up to 10HP
RPM	: Up to 1500
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast alloy B & C, etc.



# CENTRIFUGAL HORIZONTAL AXIAL FLOW PUMPS

## Operating Data:



**JHAF SERIES**

Capacity	: Up to 14000 M3/hr.
Head	: Up to 8 Mtr.
Discharge Size:	6" to 36"
Temperature	: 40°C to 200°C
Pressure	: Up to 10bar
Speed	: Up to 3500rpm
RPM	: Up to 1500
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316L, Bronze, Alloy-20, CD4MCU, Hast alloy B & C, etc.

## Advantages:

- Heavy duty thick metal section is provided at elbow, stuffing box & impeller for extended wear life
- Extra-large lubrication oil sump provides better heat transfer for reduced oil temperature. Hence bearing runs cooler & last longer.
- High efficiency impeller available in a wide variety of vane angles.

## Applications:

- To transfer very large quantity of liquid at low head.
- To raise the water level in irrigation canal.
- Dewatering of large pits/lakes, etc.
- To recirculation the liquid in MEE plant.

# MOTORIZED HYDRAULIC TEST PUMPS



**JTPM SERIES**

## Operating Data:

Capacity : Up to 150 LPH.  
Discharge Size: "1" BSP  
Plunger Size : 12mm to 24mm  
Pressure : Up to 700kg/cm<sup>2</sup>  
KW/HP : Up to 3.7 / 5

## Applications:

- Boilers, Pressure vessels
- CI mains, casting
- Gas cylinder, pipelines, etc.

## Standard Accessories:

- Brass foot valve
- G.M. / S.S. check valve
- Brass pressure release cock
- Pressure house with attachment
- Pressure gauge
- M.S. fabricated pall (Optional)



# HAND OPERATED HYDRAULIC TEST PUMP



**JTP SERIES**

## Operating Data:

Pressure : 700 kg/cm max  
Discharge Size: "1" BSP  
Pail Size : 22hr  
Plunger Size : 12mm to 24mm  
CC/Stroke : 5.65 to 15.70

## Applications:

- Boilers, Pressure vessels
- CI mains, casting, gas cylinders, pipelines.
- Tubes pump & other machinery parts subject to hydraulic pressure.

## M.O.C

- Having M.S. body , C.I. handle, fulcrum with standard fitting
- M.S. Fabricated Pail

## Standard Accessories:

- MS / SS check valve
- Pressure house with attachments
- Brass pressure release cock
- Pressure gauge

## HIGH SPEED LIGHT DUTY SEWAGE AND EFFLUENT SUBMERSIBLE PUMPS

### Operating Data:



**JLSP SERIES**

Capacity	: Up to 132m <sup>3</sup> /hr
Head	: Up to 40mtr
Temperature	: 45°C
HP	: 0.75 to 10 ( 1 to 3HP in single door)
RPM	: Up to 2880
Delivery Size	: 32mm to 100mm
Solid size	: 50mm
Connection	: DOL
Voltage & Phase	: 415V, 3 Phase / 215 V, 1 Phase Up to 3hp
Insulation Protection	: 'F' Class / IP 68
Motor	: To poles continue duty dry type squirrel
Cable	: PVC insulated double heated copper
Mechanical Seal	: Bi-directional twin mechanical seal with various face combination looking to the application.
M.O.C.	: C.I., C.S., Bronze, CF8, CF8, CD4MCU
Optional Parts	: Impeller, casing, wear plate with various.

### Applications:

- Muddy water transfer
- Swimming pool
- Dewatering of ponds, basement of huge building
- Power plant
- Effluent transfer, ETP, STP, waste water treatment plant
- Used in hotel, hospitals, railways, dairy, chemical industry, sugar, steel, cement, food beverages, etc.

## LOW SPEED HEAVY DUTY SEWAGE AND EFFLUENT SUBMERSIBLE PUMPS

### Operating Data:



**JHSP SERIES**

Capacity	: Up to 500m <sup>3</sup> /hr
Head	: Up to 45mtr
Temperature	: 45°C
HP	: 2 to 50
RPM	: Up to 1500
Delivery Size	: 65mm to 200mm
Solid size	: 100mm
Connection	: DOL, Star Delta, ATS
Voltage & Phase	: 415V, 3 Phase
Insulation Protection	: 'F' Class / IP 68
Motor	: Four/Six pole continues duty dry type cage induction motor
Cable	: PVC insulated double heated copper conductor flexible cable
Mechanical Seal	: Bi-directional twin mechanical seal with various face combination looking to the application.
M.O.C.	: C.I., C.S., Bronze, CF8, CF8, CD4MCU
Optional Parts	: Impeller, casing, wear plate with various.

### Applications:

- Same as above



# LIGHT DUTY SEWAGE AND EFFLUENT SUBMERSIBLE WITH CUTTER PUMP



**JHSP SERIES**

## Operating Data:

Capacity	: Up to 132m <sup>3</sup> /hr
Head	: Up to 40mtr
Temperature	: 45°C
HP	: 0.75 to 10 (1 to 3 HP in single phase)
RPM	: Up to 2880
Delivery Size	: 32 mm to 100 mm
Solid size	: 50 mm
Connection	: DOL
Voltage & Phase	: 415V, 3 Phase / 215V, 1Phase up to 3HP
Insulation Protection	: 'F' Class / IP 68
Motor	: Two pole continues duty dry type Cage induction motor
Cable	: PVC insulated double heated copper Conductor flexible cable
Mechanical Seal	: Bi-directional twin mechanical seal with various face combination looking to the application.
M.O.C.	: C.I., C.S., Bronze, CF8, CD4MCU
Optional Parts	: Impeller, casing, wear plate with various

## Applications:

- Muddy water transfer
- Swimming pool
- Dewatering of ponds, basement of huge building
- Power plant
- Effluent transfer, ETP, STP, waste water treatment plant
- Used in hotel, hospitals, railways, dairy, chemical industry, sugar, steel, cement, food beverages, etc.

# SUBMERSIBLE MONOSET PUMPS



**JOS SERIES**

## Operating Data:

Capacity	: Up to 450m <sup>3</sup> /hr.
Head	: Up to 55 Mtr
Discharge Size:	25mm to 150mm
Power Rating	: 1.0 HP to 50 HP. Three Phase 1.0 HP to 50 HP. Single Phase
Voltage Rating:	300 V to 415 V-Three Phase 200 V to 240 V-Single Phase
Speed	: Up to 2880 rpm
M.O.C.	: C.I., C.S.

## Applications:

- Gardening & irrigation.
- Agriculture, farms, civil application.
- Industries for water handling, cooling tower.
- Water supply for domestic use in apartments, building, commercial complexes, hotels, swimming pools, automobile service stations, hospitals, clubs, hostels.
- Power plant, fire fighting.

# HORIZONTAL CENTRIFUGAL MONOBLOCK PUMPS

## Operating Data:



**JDS SERIES**

Capacity	: Up to 120m <sup>3</sup> /hr.
Head	: Up to 60 Mtr
Discharge Size:	25mm to 100mm
Power Rating	: 1.0 HP to 20 HP-Three Phase 0.5 HP to 2.0HP- Single Phase
Voltage Rating:	380 V to 415 V-Three Phase 200 V to 240 V-Single Phase
Speed	: Up to 2880 rpm
M.O.C.	: C.I., C.S., SS-304, SS-316, Bronze,

## Applications:

- Gardening & irrigation.
- Agriculture, farms, civil application.
- Industries for water handling, cooling tower.
- Water supply for domestic use in apartments, building, commercial complexes, hotels, swimming pools, automobile service stations, hospitals, clubs, hostels.
- Power plant, fire fighting

# AIR OPERATED DOUBLE DIAPHRAGM

## Operating Data:



**JDP SERIES**

Head	: Up to 50 Mtr
Flow	: Up to 45 M <sup>3</sup> /hr.
Temperature	: Up to 1200°C
Material	: Investment Casting CF8M (SS-316), Aluminium, PP, PVDF, Max.
Particle Size	: 6.35 mm
Air Pressure	: Max 7.0 Kg/ cm <sup>2</sup>
Air Inlet Size	: 1/4" to 1/2"
Air Exhaust	: 3/4"
Suction	: Dry: 4.57 Meter / Wet: 7.6m
Teflon	: Alloys-20, CD4MCU, Hard Alloy

## Applications:

- Solvents, Slurry transfer, Barrels, Acidic Materials, High, Viscous Liquids, Abrasive Media.

## VERTICAL INLINE MULTISTAGE PUMPS

### Operating Data:



**RC SERIES**

Capacity	: Up to 1280 M3/hr
Power Range	: 0.37 – 45 KW
Head	: Up to 320 Mtr
Discharge Size	: 32mm to 100mm
Temperature	: 15°C to 120°C
Speed	: Up to 2900rpm
Pressure	: Up to 32 bar
Sealing	: Mechanical seal
Flange Type	: Round flange, PJE Coupling, Oval Flange
M.O.C.	: Cast iron, SS304, SS316

### Applications:

- For thin, non-explosive, not containing solid particles or fibres, non-corrosive liquids are suitable.
- For liquid transfer, circulation & pressure boosting of cold or hot clean water.
- For water supply systems, pressure boosting systems, liquid transfer & irrigation works.



PUMPWALA

## HORIZONTAL MULTI STAGE PUMPS

### Operating Data:



**JH SERIES**

Capacity	: Up to 28 M3/hr.
Head	: Up to 77 Mtr.
Discharge Size	: 25mm to 50mm
Temperature	: Up to 104°C
Pressure	: Up to 7 bar
Speed	: Up to 2900rpm
Power Range	: 0.37 – 7.50KW
Sealing	: Mechanical Seal
M.O.C.	: Cast Iron, SS304, SS316

### Applications:

- The pump shall be designed for liquids which are non-aggressive and non-explosive without solids or fibres.
- Liquid transfer and circulation of liquids within light industry and farming.
- Pressure boosting in single pump & multi pump booster systems.
- Domestic water supply
- Cooling Systems
- Air-conditioning systems Washing & cleaning systems,
- Water treatment

## PRESSURE BOOSTER PUMP

### Operating Team:



**JHBS SERIES**

Capacity	: Up to 16 M <sup>3</sup> /hr.
Head	: Up to 60 Mtr.
Temperature	: Max 40°C
Pressure	: Up to 10 bar
Speed	: Up to 2900 rpm
M.O.C.	: C.I., C.S., SS-304, SS316.

### Features:

- Compact design
- Easy to install and operate.
- Reduce energy consumption
- Maintains constant pressure
- Adjustable output pressure settings
- Digital display to monitor the pump speed, pressure, etc.
- Protect from Dry run, over load, unbalanced voltage, short circuit, etc.

### Applications:

- Domestic water supply and pressure boosting
- Small buildings
- Villas, Schools, Gardens, etc.

## PRESSURE BOOSTING HYDRO-PNEUMATIC SYSTEM

### Operating Data:



**HYPN SERIES**

Capacity	: Up to 1200 M <sup>3</sup> /hr.
Head	: Up to 300 Mtr.
Temperature	: Max 70°C
Pressure	: Up to 10 bar
Speed	: Up to 2900 rpm
M.O.C.	: C.I., C.S., SS-304, SS316.

### Applications:

- Constant water supply for hotels
- Apartments, commercial buildings
- Industries, Agriculture
- Other large multi-storey buildings

### Pumped liquids:

- Clean, thin
- Non-aggressive
- Non-explosive
- Solid particles are fibre.
- Clear water without abrasive

# VERTICAL “IN-LINE” SELF-PRIMING LIQUID RING CENTRIPETAL PUMP

## Operating Data:



**JSTP SERIES**

Capacity	: Up to 21 M3/hr.
Head	: Up to 35 Mtr.
Discharge Size:	Up to 65mm
Temperature	: Max 150°C
Pressure	: 3.5Kg/cm <sup>2</sup>
Speed	: Up to 1450 rpm
M.O.C.	: Cast Iron, SS316

## Features:

- High head low capacity pump.
- Excellent for handling solvents from barrels & from tank farms to the charging vessels.
- Seal leakage can easily be detected from window in priming chamber.
- Pump can take negative lift from 3 to 5 meters.
- Maintenance is easier, drain arrangements is standard.
- Compact design – requires less space, No grouting required.
- Note: Since the pump is having close tolerance & always fitted with mechanical seal it is advisable to have a suitable strainer before pump inlet.

## Applications:

- Chemicals, Pharmaceutical
- Solvent transfer handling

# HIGH PRESSURE TRIPLEX PLUNGER PUMP

## Operating Data:



**JWJ SERIES**

Capacity	: Up to 300 M3/hr.
Discharge Size:	Customised
Temperature	: Customised
Pressure	: Up to 1500 Kg/cm <sup>2</sup>
M.O.C.	: Cast Iron, SS316

## Applications:

- Reverse osmosis, Boiler feed
- Spray Dryer, Hydro Testing, Tube Cleaning
- High pressure Homogenizing
- Processes Industries, construction equipment
- Jet cleaning applications
- Food processing, pressure wash
- Drain & Sewer cleaning, high pressure sewage cleaning, road equipment
- Pressure wash, filter press
- Pulp & paper industries, waterier
- High pressure mobile oil field & drilling mud pumps
- High pressure mobile washing truck
- Boiler, Condensers, High Pressure Jetting

## METERING DOSING PUMP



**JWM SERIES**

### Operating Data:

Capacity	: Up to 8 M3/hr.
Discharge Size	: Customised
Temperature	: Customised
Pressure	: 200 Kg/cm <sup>2</sup>
M.O.C.	: SS304, SS316

### Features:

- PUMPWALA make diaphragm gland less pumps.
- Leak free operation.
- Steady state metering accuracy of +/- 1% of pump.
- Output, at single setting of stroke from 10%-100%
- Reproducibility (Repeatability), better than +/- 1.5% of set point
- Inbuilt pressure relief & amp; vacuum valve on the hydraulic Side of safeguard systems
- Can easily handle most of the liquids
- Simplex arrangements of pumps available for universal use
- Heating or cooling jackets for Liquid head available.
- PTEE Diaphragm
- Standards : AISI 304 & AISI 316
- Raw material: Montel, Alloy 20, Hast alloy B, Propylene, Hast alloy C, Titanium, Gift, PP
- PTFE and PVC.

### Applications:

- Chemical detergents, institutes Food & Beverages, Fertilizers water treatment plants, Steel Textiles, Paper, Power plant, Pharmaceuticals & Boilers, etc.

### Operating Data:

Capacity	: Up to 540 M3/Day
Head	: Up to 463 Mtr.
Power Range	: 0.5 HP to 20 HP ( 0.37KW to 15 KW)

### Operating Conditions:

Ambient temperature	: +50°C liquid
Temperature	: 0°C to +80°C
Water pH	: 6.5 – 8
Sand Content	: 25g/m <sup>3</sup>

### Features & Benefits:

- Highly energy efficient submersible solar water pump with energy efficient inverter duty motor.
- High efficiency solar photovoltaic panel with a service life of minimum years.
- Robust design Galvanised steel mounting structure for long lie.
- High technology automatic controller with dynamic MPPT ( maximum power point tracking) control method.
- Highly efficient controller with a conversion efficiency of 99%
- Virtually no maintenance cost.
- Environmentally friendly air & noise pollution free solution.



**SOLAR PUMP**

# BHARAT BIJLEE, CROMPTON, HINDUSTAN MAKE

## Applications:



INDUCTION MOTOR

Type	: Squirrel Cage Induction Motor – IE2, IE3 & IE4
Power Range	: 0.5HP to 3.0HP, 0.5HP to 425HP
Frame Size	: 63 to 355L
Speed	: 2900 / 1450 / 960 / 740 rpm
Version	: 1ph – CST / CSCR, 3ph-DOL / SD
Insulation Class	: “B” / “F” Class
Protection	: IP 44 / IP 55
Duty	: S1 continuous
Mounting	: Foot (B3) / Flange (B5) / Face (B14) / Foot cum Flange (B35)/Foot cum (B34)
Direction of Rotation	: BI-direction3

## Specifications:



DOL CONTROL PANEL

Metal Box	: CRC / FRP / Galvanized Sheet with Powder coated (We can provide design IP55 / IP54 / IP65 as per customer Requirement)
Contractor	: Schneider / BCH / Chint / ABB (Reputed)
MCB/MCCB	: Schneider / BCH / Teknic / C&S Indo Asian (Reputed)
Digital Ammeter	: (0-30/501/150/450/800 Amps) R-Y-B: Kaizen
Digital Voltmeter	: (0-500 Volt) RY-YB-BR: Kaizen
Over load protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Under load protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Over Voltage Protection	: (300 + 500 Volt) variable with 0 to 60 Sec Time
Under Voltage Protection	: (300 + 500 Volt) variable with 0 to 60 Sec Time
Single Phase Preventer	: With current and voltage sensing
Switch	: Auto-Manual
Power & Control Wiring	: Copper
Output	: Terminals
Indicating Lamp	: R-Y-B (22.5 sq.mm LED Type)
Push Button	: On / OFF (22.5 sq.mm.)

## SPECIFICATIONS:



**TWO PHASE  
MOTOR CONTROL PANEL**

Metal Box Contractor	: CRC Sheet with Powder coated : Schneider / BCH / C&S (Reputed)
MCB/MCCB	: Schneider / BCH / Teknic / C&S Indo Asian (Reputed)
Analog Ammeter	: OA – 30A (as per motor current Rating)
Analog Voltmeter	: 0V – 240V (Single Phase), 0V – 500V (Two Phase)
Starting Capacitor	: As per customer requirement
Running Capacitor	: As per customer requirement
Pick up Voltage	: 190-240 V (Three two phase)
Power & Control Wiring	: Copper
Output	: Terminals
Indicating Lamp	: LED Type
Push Button	: On / OFF

## SPECIFICATIONS:



**SINGLE PHASE SUBMERSIBLE  
MOTOR CONTROL PANEL**

Metal Box Contractor	: CRC Sheet with Powder coated : Schneider / BCH / C&S (Reputed)
MCB/MCCB	: Schneider / BCH / Teknic / C&S Indo Asian (Reputed)
Analog Ammeter	: OA – 30A (as per motor current Rating)
Analog Voltmeter	: 0V – 240V (Single Phase), 0V – 500V (Two Phase)
Starting Capacitor	: As per customer requirement
Running Capacitor	: As per customer requirement
Pick up Voltage	: 120-240 V (Three two phase)
Power & Control Wiring	: Copper
Output	: Terminals
Indicating Lamp	: LED Type
Push Button	: On / OFF



## SPECIFICATIONS:



STAR DELTA  
CONTROL PANEL

Metal Box	: CRC / FRP / Galvanized Sheet with Powder coated (We can provide design IP55 / IP54 / IP65 as per customer Requirement)
Contractor	: Schneider / BCH / Chint / ABB (Reputed)
MCB/MCCB	: Schneider / BCH / Teknic / C&S Indo Asian (Reputed)
Digital Ammeter	: (0-30/50/150/450/800 Amps) R-Y-B: Kaizen
Digital Voltmeter	: (0-500 Volt) RY-YB-BR: Kaizen
Over load protection	: (As per Motor Rating) Variable
Under load protection	: (As per Motor Rating) Variable
Over Voltage Protection	: (300 - 500 Volt) variable with 0 to 60 Sec Time
Under Voltage Protection	: (300 - 500 Volt) variable with 0 to 60 Sec Times
Single Phase Preventer	: With current and voltage sensing
Switch	: Auto-Manual
Power & Control Wiring	: Copper
Output	: Terminals
Indicating Lamp	: R-Y-B (22.5 sq.mm LED Type)
Push Button	: On / OFF (22.5 sq.mm.)

## SPECIFICATION:



AUTO TRANSFORMER  
STARTER (ATS)

Metal Box	: CRC / FRP / Galvanized Sheet with Powder coated (We can provide design IP55 / IP54 / IP65 as per customer Requirement)
Contractor	: Schneider / BCH / Chint / ABB (Reputed)
MCB/MCCB	: Schneider / BCH / Teknic / C&S Indo Asian (Reputed)
Digital Ammeter	: (0-30/50/150/450/800 Amps) R-Y-B: Kaizen
Digital Voltmeter	: (0-500 Volt) RY-YB-BR: Kaizen
Over load protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Under load protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Over Voltage Protection	: (300 - 500 Volt) variable with 0 to 60 Sec Time
Under Voltage Protection	: (300 - 500 Volt) variable with 0 to 60 Sec Times
Single Phase Preventer	: With current and voltage sensing
Switch	: Auto-Manual
Power & Control Wiring	: Copper
Output	: Terminals
Indicating Lamp	: R-Y-B (22.5 sq.mm LED Type)
Push Button	: On / OFF (22.5 sq.mm.)



**TEGH CABLES (INDIA) PVT. LTD.**

**Address: 301/302, Har Krishan Bhavan, Charat Singh Colony, Opp. Dragon Fly Hotel, Near Solitaire Park, Andheri (East), Mumbai - 400 093**