



# Non-Clog Submersible Pumps



## JDS SERIES



Vortex Impeller

### Submersible Vortex Sewage Pump

#### ● Features

- Non-clog VORTEX Impeller
- Minimized Abrasive wear
- Large Impeller Clearance
- Double Mechanical Seal
- Low Maintenance
- Single Phase Pump available with water level Sensor

#### ● Applications

- Medium Concentration Wastewater
- Sewage Water Transfer

#### ● Technical Data

- Flow Range : 100 ~ 1900 LPM
- Maximum Head : 36 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Body, Impeller & Stainless Steel 304 housing
- Spherical Clearance : Upto 50 mm

## JDSK SERIES



Tungsten Edge Cutter Impeller

### Submersible Cutter Pump

#### ● Features

- Special Tungsten Edge Impeller
- Double Mechanical Seal
- Low Maintenance
- Single Phase Pump available with water level Sensor

#### ● Applications

- Transfer of Water with Soft Solids
- Hotel/Kitchen Wastewater
- Hospital, School, Building...etc.
- Sewage Treatment

#### ● Technical Data

- Flow Range : 100 ~ 1100 LPM
- Maximum Head : 25 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Body, Impeller & Stainless Steel 304 housing
- Spherical Clearance : Upto 28 mm

## JSV SERIES



ABS + Glass Fiber Impeller

### Submersible Vortex Sewage Pump

#### ● Features

- Vortex Impeller/Non-Clogging
- Minimized Abrasive Wear
- Maintenance Free
- Double Mechanical Seal
- Low Maintenance
- Single Phase Pump available with water level Sensor

#### ● Applications

- Medium Concentration Wastewater
- Sewage Water Transfer

#### ● Technical Data

- Flow Range : 20 ~ 230 LPM
- Maximum Head : 08 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Body, Impeller & Stainless Steel 304
- Spherical Clearance : Upto 25 mm

## JSB SERIES



Vortex Impeller  
316 Stainless Steel

### 316 Stainless Steel Submersible Vortex Sewage Pump

#### ● Features

- Vortex Impeller / Non-Clogging
- Minimized Abrasive Wear
- Large Impeller Clearance
- Double Mechanical Seal
- Low Maintenance
- Investing Casting in Stainless Steel 316

#### ● Applications

- Medium Concentration Wastewater
- Chemical Wastewater
- Sea Water

#### ● Technical Data

- Flow Range : 100 ~ 1100 LPM
- Maximum Head : 28.8 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Stainless Steel 316
- Spherical Clearance : Upto 45 mm

## JSG SERIES

### Submersible Grinder Pump



Semi-open Impeller  
high efficiency

#### ● Features

- Robust Construction
- Superior Heat dissipation
- Double Mechanical Seals in Sic/Sic
- Vortex Impeller design prevents clogging by cutting up objects
- Radial Cutter & Cutter Ring in SUS440C : Corrosion resistant material, hardened to 55-60 Rockwell C.
- Specific Single phase design for starting Torque, Torque is five stronger than capacitor pump.

#### ● Technical Data

- Flow Range : 100 ~ 300 LPM
- Maximum Head : 45 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Pump Casing, Cutter SUS440C Shaft Stainless Steel 410

#### ● Grinder Ability



Food



Diaper



Condom



Cotton Gloves

## JKS SERIES

### Submersible Effluent Pump



High Efficiency  
Impeller

#### ● Features

- Double mechanical seal with oil chamber
- Quick coupling foot is optional
- Compact design/ light weight
- High efficiency impeller can pump effluent with solids upto 5.5mm

#### ● Applications

- Suitable for pumping Waste in light duty
- Particularly suitable for basement drainage, residential and accumulated water drainage
- Crystallizing liquids, liquids containing suspended solids, industrial clear effluent

#### ● Technical Data

- Flow Range : 100 ~ 1100 LPM
- Maximum Head : 26.5 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Body, Impeller & Stainless Steel 304 housing
- Spherical Clearance : Upto 5.5 mm

## JKD SERIES

### Submersible Dredging Pump



Impeller with  
powerful Agitator

#### ● Features

- Double Mechanical Seal with Oil Chamber
- Quick coupling foot is optional
- Compact design/ light weight
- High efficiency impeller can pump effluent with solids upto 5.5mm

#### ● Applications

- Vortex impeller with powerful agitator to prevent clogging operation
- Double mechanical seal provide reliable shaft sealing

#### ● Technical Data

- Flow Range : 100 ~ 1400 LPM
- Maximum Head : 29.5 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Body, Impeller & Stainless Steel 304 housing
- Spherical Clearance : Upto 15 mm

## AHS SERIES

### Light Weight Submersible Drainage Pump



Steel coated with  
thermoplastic  
polyester elastomer  
made with  
**DU PONT  
Hytrel®**

#### ● Features

- Unique high abrasive resistant resin-Vortex Impeller material by DUPOINT
- Lightweight - ideal for transportable pump
- Conversion kit-low suction replace to residue water pump

#### ● Applications

- Civil Engineering
- Homes, Gardens, Courtyard
- Agriculture and Industry

#### ● Technical Data

- Flow Range : 100 ~ 600 LPM
- Maximum Head : 20 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Body, Impeller & Plastic Stainer
- Spherical Clearance : Upto 6 mm

## WQ SERIES



### Submersible Sewage Pump

#### ● Features

- Non-clog semi open Impeller
- Robust Construction
- Heavy duty Application

#### ● Applications

- Effluent Transfer
- Sewage Transfer
- Municipal Transfer

#### ● Technical Data

- Flow Range : 200 ~ 600 LPM
- Maximum Head : 50 meter
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Body, Complete Stainless Steel 316
- Spherical Clearance : Upto 100 mm

## QDC SERIES



### Quick Discharge Connection

#### ● Features

- Avoids faulty installation, Ensures proper and Quick installation
- Easy Lowering and Lifting of pumps during maintenance purpose
- Avoids vibration of pumps during working
- Avoids damages to pump due to mishandling during installation
- Retains pump life and performance
- Maintains proper ground clearance
- Avoids Jamming and Chocking Problems

#### ● Technical Data

- MOC : Cast Iron, Stainless Steel 304, Stainless Steel 316

#### ● Applications

- STP/ETP Plants, Building Basement Pits.

## MA SERIES



### Submersible Mixer

#### ● Features

- Long term & Reliable operation
- Build Leakage Sensor (for above 0.85 kW)
- High Efficiency & Self Cleaning Function
- Helical Gear Speed Reducer

#### ● Applications

- Industrial Sewage Treatment Plant

#### ● Technical Data

- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Stainless Steel 304 & Stainless Steel 316
- Frequency : 50 / 60 Hz
- PH Value : 5 ~ 9
- Density : Not Exceed 1150 kg/m<sup>3</sup>

## LFP SERIES



### Low-Speed Flow Propeller

#### ● Features

- Propeller are made of FRP, which are swepeback shape
- Self-cleaning function
- All the tightening pieces which will contact media employ the Stainless-Steel material; the decelerator employs helical gear speed reducer with high salty coefficient

#### ● Applications

- Industrial Sewage Treatment Plant

#### ● Technical Data

- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Motor Body - Carbon Steel, Propeller - FRP
- Frequency : 50 Hz
- PH Value : 5 ~ 9
- Density : Not Exceed 1150 kg/m<sup>3</sup>



## AR SERIES

### Noiseless Submersible Aerator

#### ● Features

- 360°C aeration with large Convection area
- High OTR due to micro bubble size & infinite number of bubbles
- Effective and efficient aeration along with agitation
- Easy reduction of BOD level from wastewater
- Minimum noise level (less than 40dB)

#### ● Technical Data

- Air Flow Range : 40 ~ 875 m<sup>3</sup>/hr
- OTR (max) : Upto 85 (kg-O<sub>2</sub>)
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- MOC : Cast Iron Pump Casing, Diffuser, Impeller Stainless Steel 410 Shaft Stainless Steel 420

#### ● Applications

- BOD reduction in wastewater
- Aeration & Agitation of wastewater



## SAR SERIES

### Surface Aerator

#### ● Features

- High Speed Aerator
- Spray Pattern
- Oxygen Transfer & Mixing Waste
- Economical & Reliable
- Axial Flow Type Impeller

#### ● Technical Data

- Air Flow Range : 5 ~ 120 m<sup>3</sup>/min
- OTR (Max) : Upto 95 Kg/H
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 Hz
- PH Value : 5 ~ 9
- Density : Cast Iron with Stainless Steel 304 Impeller

#### ● Applications

- BOD reduction in Wastewater
- Aeration & Agitation of Wastewater



## JET AERATOR - JA SERIES

### Unique solution for effective aeration of waste water

#### ● Features

- High Oxygen transfer rate
- Easy reduction of BOD level from Wastewater
- Mixing & Stirring function for Uniform MLSS
- Easy to install
- Minimum noise level (less than 60 dB)

#### ● Technical Data

- Air Flow Range : 5 ~ 100 m<sup>3</sup>/min
- OTR (Max) : Upto 4.8 (Kg-O<sub>2</sub>)
- Liquid Temperature : 5°C ~ 40°C
- Frequency : 50 / 60 Hz
- PH Value : 5 ~ 9
- Density : Cast Iron Pump Casing, Diffuser, Impeller

#### ● Applications

- BOD reduction in Wastewater
- Aeration & Agitation of Wastewater

## THO SERIES

### Centrifugal Openwell Pump



#### ● Features

- Silent & Vibration free Pump
- Easy Installation
- High quality Carbon Bearing on both side of Rotor (Dual Thrust Bearing)
- Dynamically balanced Copper Rotor
- Easy re-windable water filled Motor

#### ● Applications

- Rural & Urban Drinking water supply
- High rise building water supply
- Lawn and Gardening
- Sprinklers and drip irrigation
- Agriculture, Horticulture and Lift Irrigation
- Decorative fountains and waterfalls

#### ● Technical Data

- Flow Range : 126 m<sup>3</sup>/hr
- Maximum Head : Upto 85 meter
- Liquid Temperature : Upto 40°C
- Frequency : 50 Hz
- MOC Upto 2 HP : Motor Body Stainless Steel  
Volute/Impeller : Cast Iron
- 3 HP & Above : Motor Body Stainless Steel  
Volute/Impeller : Cast Iron

## TCM SERIES

### Centrifugal Monoblock Pump



#### ● Features

- Axial Inlet and radial Outlet
- Single stage monoblock design
- Dynamically balanced Rotor & Impeller
- Pumps available with 2880 & 1450 rpm
- Good Quality Bearing

#### ● Applications

- Chillers
- Gardening and Nurseries
- Domestic Water Supply
- High rise Buildings, Hotels & Hospitals
- Agriculture, Irrigation, Drip & Sprinkler Systems

#### ● Technical Data

- Flow Range : Upto 135 m<sup>3</sup>/min
- Maximum Head : Upto 76 meter
- Liquid Temperature : Upto 40°C
- Frequency : 50 Hz
- MOC : Cast Iron

## TSM SERIES

### Self-Priming Non-clog Mud Pump



#### ● Features

- Self - priming Monoblock Pump
- Self - priming Coupled Pump
- Can be coupled with Diesel Engines
- Gland packing and mechanical seal options available
- Reliable and easy to service

#### ● Applications

- Rain water and common sewage
- Sewage treatment plant in the residential area
- Sewage and deposit of water purifying system
- Tannery and slaughter house waste water transfer

#### ● Technical Data

- Flow Range : Upto 250 m<sup>3</sup>/hr
- Maximum Head : 40 meter
- Liquid Temperature : Upto 65°C
- Frequency : 50 Hz
- MOC : Cast Iron, Stainless Steel 304  
Stainless Steel 316
- Spherical Clearance : Upto 25 mm



**FLOW TECH SYSTEMS**  
— WATER TREATMENT PUMPS —  
SINCE 2014

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