

# Complete Product Range of HET PUMP



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*Satisfying Demands With Excellence*

**AN ISO 9001 : 2015**

# HET PUMP PROFILE

**HET PUMP** is delighted to present ourselves as a pioneering company **founded in 2008**, led by a team of promoters, with **Women Directors holding a significant 59% stake in the organization.**

**HET PUMP** initially focused on the distribution of various pumps and engineering goods. **In 2014**, a strategic decision was made to transition towards the manufacturing and supply of domestic pumps. Subsequently, **HET** commenced supplying original equipment manufacturer (OEM) pumps for various raw water applications. Currently, our product portfolio serves a wide spectrum of sectors, encompassing both private and government entities, OEM partners, and industrial clients, among others. Within a remarkably brief time-frame, we have honed our expertise in pump manufacturing across diverse industries and challenging applications. What sets us apart from other manufacturers in the market is our ability to custom design and supply pumps tailored to the specific needs and requirements of our users and applications.

- Established in **2008** under the name "**S.G. Enterprise**" as sole proprietorship, primarily involved in the trade of engineering goods.
- **2014**: The company underwent a name alteration, becoming "**HET ENGINEERING & PUMPS INDUSTRIES**" as a partnership firm.
- **2018**: A new corporate entity was introduced, "**HET ENGINEERING & PUMPS INDUSTRIES PVT. LTD.**" marking the transition to a private limited company.

**“Our Moto is to provide one-stop solution for raw water and industrial water pumping.”**

**HET PUMP** boasts a team of seasoned engineers who excel in designing pumps to address the most intricate pumping requirements. Through the collective dedication of our entire team, we have successfully created and delivered pumps tailored for demanding and challenging operating conditions. As a result, we have garnered approvals from diverse government agencies and earned the trust and confidence of our esteemed clientele. In a relatively brief period, we positioned ourselves as formidable competitors in the market, even among well-established, long-standing brands.



## MISSION & VISION

To establish Indian-made quality products in the global market by providing best-in-class fluid management solutions Worldwide with the power of our dedicated team and R&D experts, we are able to provide user-based solutions with **Commitment, Reliability and Innovation**.

We are thanking you in anticipation and looking forward to a mutually fruitful association on a long-term basis.



**Quality Assurance**

**Cost-Effective Price**



**Timely Delivery**

**Efficient & Prompt Service**





























































Furthermore, we view ourselves as providers of comprehensive pumping solutions for industries, going beyond merely supplying equipment. Our array of services includes:






1. Careful **product selection** to **optimize performance** and **cost-effectiveness**.
2. **Precise installation** and **commissioning** of our products to attain desired outcomes.
3. **Ongoing maintenance** to ensure our products operate at **peak efficiency**.
4. **Swift and efficient repair services** in case of product failures.

## MAKE IN INDIA

'HET PUMP' is dedicated to participating in a significant national initiative of India, spearheaded by our esteemed Prime Minister, known as **Atmanirbhar Bharat**. The majority of our components are manufactured in-house, and our remaining suppliers also originate from India. As an Indian manufacturer, it is our moral obligation to establish a presence for high-quality Indian-made products in both the domestic and global markets.

## An Extensive Product Selection by *Liquid Handling Solutions*

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-  *Clear Liquid* : S.G. Up to 1.0 g/cm<sup>3</sup>
-  *Raw Liquid* : S.G. Up to 1.1 g/cm<sup>3</sup>
-  *Sewage Liquid* : S.G. Up to 1.4 g/cm<sup>3</sup>
-  *Process Liquid* : S.G. Up to 1.2 g/cm<sup>3</sup>
-  *Slurry Liquid* : S.G. Up to 2.8 g/cm<sup>3</sup>

# ECO PORTABLE SUBMERSIBLE DRAINAGE PUMP

## "2PED" SERIES



### Description About "2PED" Series

The "2PED" Series revolutionizes submersible drainage pumps with a versatile design featuring dual/single mechanical seals and a reliable lip seal. Equipped with a semi-open/close type impeller, it ensures smooth fluid transfer and robust solids handling. It comes with customized material construction as per your application, offering excellence and adaptability in submersible pump technology.

#### Specifications

Discharge Range: **Up to 60 M<sup>3</sup>/Hr**  
 Head Range: **Up to 30 Mtr.**  
 Power Rating: **0.5 to 3.0 HP**  
 Speed: **2900 rpm**  
 Supply: **1Ø/3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 35 mm**

#### Special Features

- **Plug and play**
- **Inbuilt Capacitor**
- **TOP – Thermal Overload Protector**
- **Automatic on –Off in 1Ø Pump**
- **Hydraulics Design available in both Radial & Vortex Application**

#### Material of Construction

Standard Material : **Cast Iron/ Sg. Cast Iron**  
 Special Material : **S.S.304 / S.S.316 / Customize Options Available**

#### Applications

- Removing Water from Basement/Underground Parking's/Garages.
- Draining Accumulated Storm Water during Monsoon.
- Emptying Water Tanks and Pits for Construction Site & Cleaning.
- Removing Surplus Water from Sumps.

#### Industries

- Construction Site / ETP / Manhole
- Steel Plant/ Power Plant
- Basement / Rain Water / Dewatering
- Domestic Waste Water Lift
- Septic tank / Tank Cleaning
- Gardening / Open Pond / Cable Trench.

# PORTABLE SUBMERSIBLE DRAINAGE PUMP

## "2PDSEW" SERIES

### Description About "2PDSEW" Series

The "2PDSEW" Series offers industrial-grade portable sludge/sewage pumps. These pumps feature a dual mechanical seal and can be equipped with semi-open/close/vortex impellers design as per site application. Single-phase models are available with or without a float switch and an external capacitor, while three-phase models are supplied without a control panel.

#### Specifications

Discharge Range: **Up to 150 M<sup>3</sup>/Hr**  
 Head Range: **Up to 40 Mtr.**  
 Power Rating: **0.5 to 7.5 HP**  
 Speed: **1450, 2900 rpm**  
 Supply: **1Ø/3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 50 mm**

#### Special Features

- **Agitator (cutter) provided**
- **TOP – Thermal Overload Protector**
- **Automatic on –Off in 1Ø Pump**
- **Hydraulics Design available in both Radial & Vortex Application**

#### Material of Construction

Standard Material : **Cast Iron/ Sg. Cast Iron**  
 Special Material : **S.S.304 / S.S.316 / Customize Options Available**

#### Applications

- Pumping out basement and underground parking water.
- Draining excess monsoon storm water accumulation.
- Emptying construction site tanks and pits.
- Extracting surplus water from sumps.

#### Industries

- Construction Site / ETP / Manhole
- Steel Plant/ Power Plant
- Basement / Rain Water / Dewatering
- Domestic Waste Water Lift
- Septic Tank / Tank Cleaning
- Gardening / Open Pond / Cable Trench.



## ECO SUBMERSIBLE DEWATERING PUMP "DEWL" SERIES

### Description About "DEWL" Series

The "DEWL" Series is purposefully designed for construction and remote sites, addressing the need for PVC bore well winding. It offers a convenient bottom suction and top centerline discharge pump, suitable for standard hose pipe fittings, and is notably lightweight compared to typical dewatering pumps. The submersible-type motor, with PVC winding and oil cooled Motor, ensures user-friendly operation and easy maintenance.

### Specifications

Discharge Range: **Up to 600 M<sup>3</sup>/Hr**  
 Head Range: **Up to 110 Mtr.**  
 Power Rating: **3.0 to 100.0 HP**  
 Speed: **2900 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 30 mm**

### Special Features

- **Light weight & light duty Pump**
- **PVC Copper wound motor**
- **Low maintenance & cost effective**
- **Easy service & repairs on site**
- **Portable Installation**

### Material of Construction

Standard Material : **Cast Iron/ Sg. Cast Iron / M.S.**

Special Material : **S.S.304 / S.S.316 / Aluminium / Customize Options Available**

### Applications

- Dewatering in ponds and rivers.
- Draining Accumulated Storm Water during Monsoon.
- Emptying Water Tanks and Pits for Construction Site & Cleaning.

### Industries

- Construction Site / Irrigation / River Site
- Steel Plant / Power Plant / Filtration
- Basement / Rain Water / Dewatering
- Domestic Waste Water Lift
- Septic Tank / Tank Cleaning
- Gardening / Open Pond / Cable Trench.



## SUBMERSIBLE DEWATERING PUMP "DEW" SERIES



### Description About "DEW" Series

The "DEW" Series features a lightweight and portable pump design, equipped with a dry copper-wound "F/H class motor, Dual Mechanical Seal, Bottom Suction Top Discharge submersible hose type delivery, and a semi-open/close impeller. Customized construction materials are available based on the application. Additionally, Thermistor Sensor can be included upon request. Single-phase pumps are offered with the option of Float or Without Float switches.

### Specifications

Discharge Range: **Up to 1500 M<sup>3</sup>/Hr**  
 Head Range: **Up to 130 Mtr.**  
 Power Rating: **1.0 to 150.0 HP**  
 Speed: **1450, 2900 rpm**  
 Supply: **1Ø/3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 35 mm**

### Special Features

- **TOP – Thermal Overload Protector (\*On Request)**
- **Automatic on –Off in 1Ø Pump**
- **Portable Installation**
- **More Solid size handling (\*On request)**

### Material of Construction

Standard Material : **Cast Iron/ Sg. Cast Iron / S.S. / W.C.B.**

Special Material : **S.S.304 / S.S.316 / Customize Options Available**

### Applications

- Removing Water from Basement/Underground Parking's/Garages.
- Draining Accumulated Storm Water during Monsoon.
- Emptying Water Tanks and Pits for Construction Site & Cleaning.
- Removing Surplus Water from Sumps.

### Industries

- Construction Site / Irrigation / River site / Mines.
- Steel Plant / Power Plant / Filtration
- Basement / Rain Water / Dewatering
- Domestic Waste Water Lift
- Septic Tank / Tank Cleaning
- Gardening / Open Pond / Cable Trench.

# FLANGE END NON-CLOG SUBMERSIBLE DEWATERING PUMP "ALDEW" SERIES



## Description About "ALDEW" Series

The "ALDEW" Series features a flange-ended pump design equipped with two types of winding options, a dry copper wound "F/H class motor" or a PVC Copper Wound Oil filled Oil cooled Motor. It includes a dual mechanical seal, bottom suction, top center discharge, and a semi-open/close impeller designed to handle sludge and chemical process water, making it ideal for mining applications.

### Specifications

Discharge Range: **Up to 1500 M<sup>3</sup>/Hr**  
 Head Range: **Up to 200 Mtr.**  
 Power Rating: **5.0 to 150.0 HP**  
 Speed: **1450, 2900 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 40 mm**

### Special Features

- **Flange end connection**
- **TOP – Thermal Overload Protector (\*On request)**
- **Easy Installation in small sump size**
- **High head application**

### Material of Construction

Standard Material : **Cast Iron/ Sg. Cast Iron / M.S. / S.S.**  
 Special Material : **S.S.304 / S.S.316 / Customize Options Available**

### Applications

- Drain water in coal mining / stone mining / Sludge Handling.
- Sugar plants & Paper Plants process applications.
- Draining Accumulated Storm Water during Monsoon.
- Emptying Water Tanks and Pits for Construction Site & Cleaning.
- Removing Surplus Water from Sumps.

### Industries

- Construction Site / Process Water
- Mines / Ponds / River Sites / Sea Water
- Steel Plant/ Power Plant
- Basement / Rain Water / Dewatering
- Domestic Waste Water Lift
- Septic Tank / Tank Cleaning / Cooling Purpose

# HORIZONTAL CENTRIFUGAL END SUCTION BARE SHAFT PUMP "HCP/HSC" SERIES

## Description About "HCP/HSC" Series

The "HCP / HSC" Series comprises horizontal centrifugal surface pumps with a back-pull-out configuration. These pumps are engineered for industrial applications, specifically designed to handle various fluids, including chemicals, clean or slightly contaminated liquids, sewage and dirty water. Their back-pull-out design allows for easy inspection and maintenance without the need to disconnect piping. These pumps are highly dependable, featuring high-quality impellers that generate substantial centrifugal force, facilitating efficient liquid transport through pipelines.

### Specifications

Discharge Range: **Up to 2000 M<sup>3</sup>/Hr**  
 Head Range: **Up to 250 Mtr.**  
 Discharge Size: **25 to 350 mm**  
 Speed: **Up to 3550 rpm**  
 Temp: **Up to 180 Deg. Celsius**

### Special Features

- **Simple & Robust Design**
- **Special Hydraulic Design (\*On request)**
- **Handling Slurry Application**
- **Top centerline Foot mounted volute casing discharge**
- **Easy maintenance on Site**

### Material of Construction

Standard Material : **Cast Iron/ Sg. Cast Iron / Gland Packing seal**  
 Special Material : **S.S.304 / S.S.316 / Mech. seal type / Customize Options Available**



### Applications

- Removing Water from Domestic area / Sewerage area.
- Draining Accumulated Storm Water during Monsoon.
- Emptying Water Tanks and Pits for Construction Site & Cleaning.
- Sugar plants and Paper plants for process water.

### Industries

- Sugar Plant / Paper Industries / Filtrations Plants
- Steel Plants / Power Plants / Process Plants
- Fire Fighting / Domestic & Industrial Applications
- River Site / Dam Site / Mining Area
- Water Supply / Municipal Water Application
- Chemical Plants / Dye Process / Textile Industries

## NON CLOG SUBMERSIBLE SEWAGE PUMP "SEW" SERIES

### Description About "SEW" Series

The "SEW" Series pumps are non-clog, single-shaft, single-stage submersible pumps with dual mechanical seals. They offer a range of impeller options, including open, semi-open, close, free flow, vortex, single vane, two vane, and multi-vane, making them suitable for sewage and sludge applications with minimal risk of clogging. These pumps excel in sewage scenarios where solid sizes exceed standard limits, efficiently handling larger particles while consuming minimum power to ensure maximum efficiency.

#### Specifications

Discharge Range: **Up to 2000 M<sup>3</sup>/Hr**  
 Head Range: **Up to 150 Mtr.**  
 Power Rating: **2.0 to 250.0 HP**  
 Speed: **960, 1450, 2900 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 125 mm**

#### Special Features

- **Large solid handling**
- **Special hydraulic design (\*On request)**
- **Low maintenance & cost effective**
- **Suitable for waste management**
- **Pump integrated with a Single High-Performance Shaft-Motor Design**



### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron / S.S. 316 / S.S. 304**  
 Special Material : **NI-HARD / HI-CROME / CAST-ALLOY / CD4MCuN / Customize**  
 Options Available

### Main Applications

- Contaminated effluents, Industrial waste water
- Storm water, Trench and tunnel water, Drain water
- Saline water, Drainage water, Sewage water

### Industries

- Municipal Corporations
- Industries / Water Treatment Plants / ETP / STP.
- Manhole / Septic Tank
- Domestic Sludge Handling
- Various Industries / Jetty Site
- Construction Projects / Slurry Handling.

## NON CLOG SUBMERSIBLE MANHOLE SEWAGE PUMP "MSEW" SERIES



### Description About "MSEW" Series

The "MSEW" Series of non-clog manhole sewage pumps is the optimal choice for efficiently managing wastewater within manholes. These pumps feature a volute casing with bottom suction and side top discharge, ensuring easy discharge and compatibility with manholes. Their well-designed dimensions make them highly suitable for this application, capable of effectively handling both sludge and large waste materials.

#### Specifications

Discharge Range: **Up to 360 M<sup>3</sup>/Hr**  
 Head Range: **Up to 35 Mtr.**  
 Power Rating: **3 to 35 HP**  
 Speed: **960, 1450, 2900 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 100 mm**

#### Special Features

- **Easy handling for manhole sites**
- **Light weight**
- **Portable Installation**
- **Effortlessly Employ Any Drainage System**

### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron / S.S. 316 / S.S. 304**  
 Special Material : **NI-HARD / HI-CROME / CAST-ALLOY / CD4MCuN / Customize**  
 Options Available

### Main Applications

- Utilize for Drainage Systems
- Efficient Manhole Emptying Solution
- Managing Sewage Water in Urban Areas
- Effortless Cleaning and Dewatering of Clogged Drainage Chambers

### Industries

- Municipal Corporations
- Industries / Water Treatment Plants / ETP / STP.
- Manhole / Septic Tank
- Domestic Sludge Handling.
- Construction Projects



# NON-CLOG SUBMERSIBLE HIGH-DISCHARGE SEWAGE PUMP "HDSEW" SERIES



## Description About "HDSEW" Series

The "HDSEW" Series Pumps are powerful high-discharge submersible pumps designed to handle large volumes of sewage and sludge effectively. It comes with 8 inch to larger outlet, enabling them to discharge more water than other pumps with lower motor ratings. These pumps come with various impeller options, a dual mechanical seal, and include a Thermistor and Moisture Sensor for added functionality.

### Specifications

Discharge Range: **Up to 2500 M<sup>3</sup>/Hr**  
 Head Range: **Up to 75 Mtr.**  
 Power Rating: **30 to 250.0 HP**  
 Speed: **750, 960, 1450 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 150 mm**

### Special Features

- **Outlet size from 8" to 16"**
- **Large solid Handling**
- **Special hydraulic design (\*On request)**

### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron / S.S. 316 / S.S. 304**  
 Special Material : **CAST-ALLOY / S.S. Special grades / CD4MCuN / Customize Options Available**

### Main Applications

- Draining water from tanks and pits on construction sites.
- Quickly removing excess water from sumps.
- Efficiently managing storm water during heavy rains.
- Handling large water lifting tasks effectively.

### Industries

- Quarry / Aquatic Reservoirs / Riverbanks / Coastal Regions
- Metallurgy Site / Electricity Generation Facility
- Below Ground Spaces / Precipitation Handling / Liquid Extraction
- Onsite Sewage System / Container Cleaning / Temperature Regulation / Reservoirs / Flood Control

# NON-CLOG SUBMERSIBLE HIGH-HEAD SEWAGE PUMP "HSEW" SERIES

## Description About "HSEW" Series

The "HSEW" Series Pumps are high-efficiency sewage and sludge pumps designed for high-head water discharge. These pumps feature a single-stage high-head hydraulic design, offering low maintenance compared to other high-head pumps. They efficiently lift water to great heights while consuming less power than standard centrifugal pumps. Additionally, they come with cooling jackets for external water cooling. These pumps are equipped with a dual mechanical seal, various impeller options, a Thermistor, and a Moisture Sensor & non-pressurized seal Options available.

### Specifications

Discharge Range: **Up to 1000 M<sup>3</sup>/Hr**  
 Head Range: **Up to 250 Mtr.**  
 Power Rating: **12.5 to 200.0 HP**  
 Speed: **1450, 2900 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 40 mm**

### Special Features

- **Single stage pump**
- **Simple & robust Design**
- **Special hydraulic design (\*On request)**
- **Outlet size up to 8" for high head application**

### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron / S.S. 316 / S.S. 304**  
 Special Material : **NI-HARD / HI-CROME / CAST-ALLOY / CD4MCuN / Customize Options Available**

### Main Applications

- Perfect for supplying water to elevated locations, ensuring reliable access to essential resources.
- Tailored for use in hydro power plants and dam construction, delivering water efficiently to high terrains.
- Essential for keep mining operations dry, enhancing safety, and maintaining productivity in challenging environments.

### Industries

- Excavation Sites / Water Reservoirs / Riverside Areas / Coastal Zones
- Subterranean Areas / Rainwater Management / Fluid Removal / Plant / Power Generation Complex
- Onsite Sewerage Solution / Container Cleaning / Climate Control



## CENTRIFUGAL SUBMERSIBLE PUMP "SC" SERIES

### Description About "SC" Series

The "SC" Series represents a centrifugal submersible pump featuring a single shaft design. On the suction side, it includes a compatible strainer for efficiently handling clear raw water while consuming minimal power. Installation options include both vertical and horizontal configurations, with the horizontal option featuring a single base frame suitable for both portable and fixed placements. Additionally, the pump is equipped with moisture and temperature sensors to provide protection.

#### Specifications

Discharge Range: **Up to 2000 M<sup>3</sup>/Hr**  
 Head Range: **Up to 150 Mtr.**  
 Power Rating: **2.0 to 250.0 HP**  
 Speed: **960, 1450, 2900 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 40mm**

#### Special Features

- **Horizontal Installation**
- **Special hydraulic design (\*On request)**
- **Easy handling**
- **Best for high lift & high discharge in clear water**



### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron / S.S. 316 / S.S. 304**  
 Special Material : **NI-HARD / HI-CROME / CAST-ALLOY / CD4MCuN / Customize**  
 Options Available

### Main Applications

- Remove excess water from excavation sites.
- Used to circulate and aerate water .
- Efficiently handle raw water for agricultural purposes.
- Deliver clear water for Homes and Industries.

### Industries

- Temperature Regulation / Reservoirs / Flooding Control
- Hydro Plants / Power Plants
- Cooling Towers / Drain Water Sites
- Construction Sites / Power House / Sea Water Sites
- Nitrogen Plants / Chemical Plants

## ABBRASIVE/AERATOR SLURRY SUBMERSIBLE PUMP "SASEW" SERIES

### Description About "SASEW" Series

The "SASEW" Series – an innovative single-stage submersible slurry pump. Engineered with precision, it features an advanced Agitator and Aerator System, setting it apart as a non-clog pump. It effortlessly handles heavy solids, up to 40mm in diameter, and excels even when the slurry becomes richer in solids. With our system in action, solids are seamlessly transformed into liquids, ensuring efficient discharge to desired destination.



#### Specifications

Discharge Range: **Up to 1000 M<sup>3</sup>/Hr**  
 Head Range: **Up to 65 Mtr.**  
 Power Rating: **10 to 200 HP**  
 Speed: **750, 960, 1450 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 40 mm**

#### Special Features

- **A jet-pressure aerator efficiently transforms solids into liquids**
- **The agitator effectively blends solids with water**
- **A strainer ensures uniform sizing of solids**

### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron / S.S. 316 / S.S. 304**  
 Special Material : **NI-HARD / HI-CROME / CAST-ALLOY / CD4MCuN / Customize**  
 Options Available

### Main Applications

- Employed in mining operations to manage slurry liquids.
- Utilized in construction sites to remove excess water during the monsoon season.
- Applied in marble and stone industries for processing tasks.
- Employed in sugar industries for the finalization of products from raw materials.

### Industries

- Municipal Corporations
- Industries / Water Treatment Plants / ETP / STP.
- Manhole / Septic Tank
- Domestic Sludge Handling.
- Construction Projects

# HEAVY SLURRY LIFT SUBMERSIBLE PUMP "SSEW" SERIES



## Description About "SSEW" Series

The "SSEW" Series, a truly innovative Non-Clog Submersible Slurry pump, expertly engineered to conquer the toughest slurry challenges. Equipped with Twin Volute and Non-Pressurized single/dual mechanical seals, this pump excels at handling slurry with specific gravity up to 2.8 and solid concentrations of up to 65%. The non-pressurized mechanical seal system safeguards against abrasive slurry, preserving the seal and motor from hydraulic discharge pressure.

### Specifications

Discharge Range: **Up to 1000 M<sup>3</sup>/Hr**  
 Head Range: **Up to 130 Mtr.**  
 Power Rating: **12.5 to 150.0 HP**  
 Speed: **960, 1450 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 40 mm**

### Special Features

- **Specific gravity up to 2.8 g/cm<sup>3</sup>**
- **Solid concentration up to 65%**
- **Cooling jacket**
- **Cutter / Agitator**
- **Non-pressurized mechanical seal**

### Material of Construction

Standard Material : **Cast Iron with Nickle / Sg. Cast Iron / S.S. 316 / S.S. 304**  
 Special Material : **CAST-ALLOY / Hi-Crome / Ni-Hard / S.S. Special grades / Customize Options Available**

### Main Applications

- Well-suited for highly abrasive and corrosive heavy sludge and slurry applications across various industries.
- Effective in the removal of industrial waste materials.

### Industries

- Mill scale, iron ore, dock yards and Steel industries
- Sludge water management, sand removal from dams, rivers, and sea water galleries
- penstock in sugar and other industries Utilized in steel plants, power plants (CHP & AHP), mineral ore processing units slurries in coal mines and jetty areas

# NON PRESSURIES NON-CLOG SUBMERSIBLE SEWAGE PUMP "NSEW" SERIES

## Description About "NSEW" Series

The "NSEW" Series, a Non pressurized nonclog Submersible Slurry/Sewage pump engineered with a unique design that sets it apart. What makes it truly remarkable is its non-pressurized triple mechanical seal assembly. This ingenious feature acts as a shield, preventing abrasive slurry from affecting the seal and motor. By avoiding hydraulic pressure on rotating components during discharge, this pump ensures long-lasting, reliable performance even in the most demanding applications. It's a robust solution you can trust for handling challenging slurry and sewage tasks.

### Specifications

Discharge Range: **Up to 1500 M<sup>3</sup>/Hr**  
 Head Range: **Up to 130 Mtr.**  
 Power Rating: **12.5 to 200.0 HP**  
 Speed: **960, 1450 rpm**  
 Supply: **3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 125 mm**

### Special Features

- **Aerator / Agitator (\*On request)**
- **Strainer for Solid limits**
- **Specific Gravity Up to 2.0 g/cm<sup>3</sup>**
- **Three Mechanical seal arrangement**
- **Cooling Jacket (\*On request)**

### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron / S.S. 316 / S.S. 304**  
 Special Material : **NI-HARD / HI-CROME / CAST-ALLOY / CD4MCU / Customize Options Available**

### Main Applications

- Abrasive & Corrosive Heavy Sludge & Slurry application for all types of industries
- Industrial waste removal
- Slurry Handling up to 2.0 Specific Gravity

### Industries

- Municipal Corporation
- Granite / Marble / Stone Industries
- Steel Plant / Power Plant
- Dam site / Mining Industries
- Nagar-Palika / ETP Plants
- Coal mining



## SUBMERSIBLE BOREWELL PUMP "HS" SERIES

### Description About "HS" Series

The "HS" Series of submersible borewell pumps are available in V4, V5, V6, V7, V8, and V10 variants, designed to meet the demands of clear water with high head and discharge requirements, exceeding typical applications. Featuring PVC winding for convenient on-site repairs and easy handling, these pumps are suitable for borewell applications in farms, construction sites, and areas requiring extreme pressure.

#### Specifications

Discharge Range: **Up to 280 M<sup>3</sup>/Hr**  
 Head Range: **Up to 300 Mtr.**  
 Power Rating: **0.5 to 75.0 HP**  
 Size: **75,100,150,200,250 mm & Above.**  
 Supply: **1 $\phi$ /3 $\phi$ , 50Hz/60Hz, A.C.**

#### Special Features

- **Wet type water cooled re-windable motor**
- **Light weight & noise less operation**
- **Low power consumption**
- **Bearings for resilience against substantial axial thrust forces.**

### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron**

Special Material : **S.S. 316 / S.S. 304 / Customize Options Available**

### Applications

- Water Supply scheme for city & village
- Irrigation and Agriculture use
- Drinking Water supply
- Sprinkler Irrigation system
- Hotel & Farms etc



## OPEN WELL SUBMERSIBLE PUMP "VOS / HOS" SERIES



### Description About "VOS/HOS" Series

The "VOS/HOS" Series openwell submersible pump boasts PVC-wound, oil-cooled, and water-cooled motors, guaranteeing hassle-free maintenance and exceptional efficiency, facilitating effortless handling. This versatile pump can be installed either vertically or horizontally, catering to various applications like portable use in open-type sumps, irrigation projects, domestic settings, and power ventures. custom designs can be tailored to accommodate specific site conditions, enhancing ease of use and adaptability.

#### Specifications

Discharge Range: **Up to 160 M<sup>3</sup>/Hr**  
 Head Range: **Up to 140 Mtr.**  
 Power Rating: **UP to 25 HP**  
 Size : **UP to 4" [ 100 mm ]**  
 Supply: **3 $\phi$ , 50Hz/60Hz, A.C.**

#### Special Features

- **Water-cooled rewind motor with wet-type design**
- **Operates quietly with minimal weight**
- **Efficient power usage**
- **Equipped with bearings to withstand significant axial thrust loads.**

### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron**

Special Material : **S.S. 316 / S.S. 304 / Customize Options Available**

### Applications

- Comprehensive water supply system catering to urban and rural areas
- Irrigation in agriculture
- Portable water distribution
- Industrial water provision
- Sprinkler irrigation infrastructure, servicing domestic hotels and farms
- Supporting cooling tower and air conditioning plants
- Fire-fighting capabilities
- Pressure boosting solutions
- The installation of ornamental fountains in gardens and other applications.

# VERTICAL CENTRIFUGAL SUMP PUMP

## “VSE” SERIES



### Description About “VSE” Series

The "VSE" Series, vertical sump pumps engineered for industrial pumping applications. They excel in handling clean or mildly contaminated liquids, fibrous slurries, and fluids with substantial solids from deep sumps. The pumping head in the liquid, while the drive motor remains dry at the top. With separate discharge and support pipe columns and a vertical line shaft with bearings, these pumps accommodate a wide range of hydraulic needs. Ideal for industrial applications involving sump and corrosive liquids and slurries.

#### Specifications

Discharge Range: **Up to 1000 M<sup>3</sup>/Hr**  
 Head Range: **Up to 150 Mtr.**  
 Speed: **Up to 3550 rpm**  
 Supply: **1Ø/3Ø, 50Hz/60Hz, A.C.**  
 Delivery Type: **Flange End**

#### Special Features

- **Simple and robust design**
- **All types of hydraulics available: open, semi-open, closed or vortex impellers**
- **Modular line shaft construction with bearings (up to 6 m / 20 ft. long)**

### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron**

Special Material : **CAST-ALLOY / S.S. Special grades / Customize Options Available**

### Application

- Fertilizers / Chemical Plant / Municipal Clean Water / Pulp Paper & Board / Desalination / Municipal Waste Water
- Industrial Water Treatment / Sugar, Starch, Sweeteners & Other Ind.
- Mining & Metal Industries Bio-fuels / Chemical processing / Domestic and Commercial Waste Water

# SELF-PRIMING MUD PUMP

## “HM” SERIES

### Description About “HM” Series

The "HM" Series, a versatile lineup of horizontal self-priming centrifugal end-suction surface pumps. These pump offering a reliable solution for clearing water-clogged roads. Their standout feature is their self-priming capability, enabling them to swiftly address water accumulation challenges caused by heavy rainfall. Additionally, they boast a non-clog pump design, ensuring uninterrupted performance. With both mono-block and bare pump construction options, these pumps provide flexibility to suit various applications in flood-prone regions, an invaluable asset for flood control and road maintenance.

#### Specifications

Discharge Range: **Up to 450 M<sup>3</sup>/Hr**  
 Head Range: **Up to 40 Mtr.**  
 Power Rating: **1 to 25 HP**  
 Speed: **1450, 2900 rpm**  
 Supply: **1Ø/3Ø, 50Hz/60Hz, A.C.**  
 Solids Size: **Up to 25 mm**

#### Special Features

- **All types of hydraulics available: open, semi-open, closed or vortex impellers**
- **Both Sealing type design Available. Gland Packing & Mechanical Seal**
- **Accessories Like Starter, Base Frame, Base frame cum trolley, Hose pipe**



### Material of Construction

Standard Material : **Cast Iron / Sg. Cast Iron**

Special Material : **S.S. 316 / S.S. 304 / Customize Options Available**

### Applications

- Municipal Corporation
- River site / Industries
- Steel Plant / Power plan
- Dam Site / Mining Industries
- Water Supply / Filtration
- Rainwater / Dewatering Pit / Trench / Basement
- Drainage & slurry applications
- Mining & Metal Industries
- Ceramic Industries
- Domestic and Commercial Waste Water

# CONTROL PANELS & ACCESSORIES



## CONTROL PANELS

We offer compatible control panels such as DOL, STAR-DELTA, ATS, Soft Starter, Digital Programmable types for both indoor and outdoor use, alongside our pump range. Additionally, we provide various safeguards, including overload protection, single-phase prevention, water level monitoring (dry run), ampere-based dry run prevention, thermistor control, and moisture control in panels. These tailored controls enhance the longevity of our pumps and can be customized to meet specific product and customer needs.

## LIFTING CHAINS

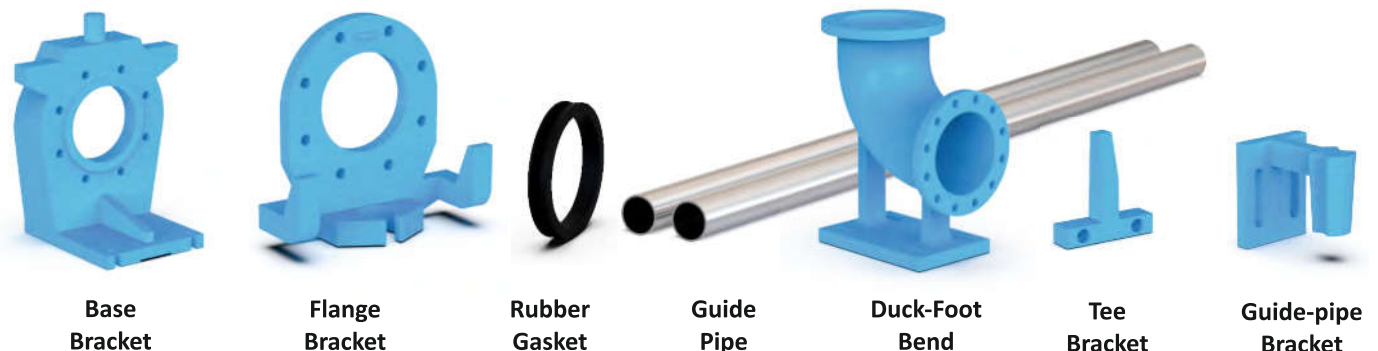
We offer lifting chains equipped with D shackles tailored to suit the pump's size and application, meeting specific customer requirements.



## HOSE

Green Hose / Firehydrant cotton Hose / rubberized Hose / Heavy duty Hose / High Pressure Hose

## PERMANENT INSTALLATION ACCESSORIES & TOOLS FOR SEWAGE PUMP



Base Bracket

Flange Bracket

Rubber Gasket

Guide Pipe

Duck-Foot Bend

Tee Bracket

Guide-pipe Bracket

## PUMP SPARE PARTS



## OUR ACHIEVEMENTS





## OUR CERTIFICATIONS



## APPROVAL OF PRODUCTS BY INSPECTION AGENCIES



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