

# Water & Wastewater Solutions



**MBH**<sup>®</sup>  
**PUMPS**



# Water & Wastewater Handling is simple for us

Since 1969, MBH Pumps owned by Kamania family, manufactures and develops centrifugal pumps for submersible and surface installations. Over the years the Company has diversified its activity from the production of pumps for Agricultural applications to Domestic, Industrial, Municipal waste water, Slurry, Water Intake and various other applications.

MBH Pumps is the right partner of every Company around the world because it is able to respond quickly and efficiently to the rapid market trends. The wide range of centrifugal pumps, the well-established experience and the continuous production quality improvement, has earned MBH pumps a well reputed name in the Competitive Market.

All pumps are manufactured according to international standards and technical specifications of the customer to successfully satisfy many application areas. Technologically innovative products that provide maximum performance with minimum energy consumption, able to provide the highest safety level, maintenance-free and ease of use conditions.

## Right Solution for every step of water transfer

With products as diverse as submersible pumps for raw water intake, water treatment and boosters for water distribution, MBH really can supply almost everything you need. For water collection and disposal we offer a variety of wastewater pumping Solutions.

Installed in a variety of  
Industries such as

**Municipal**  
**Mining**  
**Power**  
**Large Industries**  
**Irrigation**  
**Marine**  
& more



# Municipal & Industrial Solutions



## H<sub>2</sub>O Series Horizontal Split Casing Pumps

### Technical Specifications :

Head : upto 100 meters  
Capacity : 1500 m<sup>3</sup>/hr  
RPM : 1450 / 1750 / 2900 / 3550  
Drive : Motor, I.C. Engines or  
Steam Turbines  
Shaft Seal : Gland / Mechanical Seal  
Frequency : 50 / 60 Hz

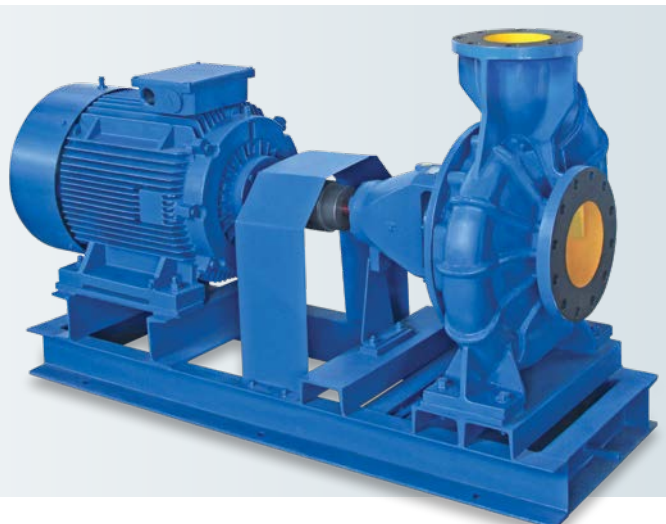
**Applications** • Water Supply Schemes  
• Irrigation • Industrial Water Supply  
• Fire Fighting • HVAC • Cooling Tower

## H<sub>2</sub>O Series Centrifugal Endsuction Pumps

### Technical Specifications :

Head : upto 102 meters  
Capacity : upto 550 m<sup>3</sup>/hr  
RPM : 1450 / 2900 / 3500  
Drive : Electric / Engine  
Seal : Gland / Mechanical Seal  
MOC : Cast iron, Cast steel,  
Stainless steel, Bronze

**Applications** • Water Transfer  
• Fire Fighting Systems • HVAC • Cooling Tower



We, at MBH Pumps, have a profound understanding of different concepts used for Water Handling. Water management forms an essential part of any infrastructure and our pumps help ensure cost effective, continuous operations which are always focused on concept of high quality and safety.

## WSC Series Submerged Centrifugal Pumps

### Technical Specifications :

Head : 110 meters  
Capacity : upto 2500 m<sup>3</sup>/hr  
RPM : 960 / 1450 / 1750 / 2900 / 3550  
HP : 2 to 250  
Frequency : 50 / 60 Hz

**Applications** • Irrigation & Pumping Stations  
• Clean Water Circulation • Cooling Tower  
• Industrial Jack Wells • Municipal Overhead Water Tank • Heavy Duty Dewatering



## Submersible Polder Pumps

### Technical Specifications :

Head : upto 110 meters  
Capacity : upto 1500 m<sup>3</sup>/hr  
Lubrication : Water  
HP : 1 to 250  
RPM : 2900 / 1450 / 1750 / 3550  
Bearing : Bush bearing, Thrust bearing  
Seal : Mechanical Seal  
Frequency : 50 / 60 Hz

**Applications** • Irrigation & Pumping Stations  
• Raw & Clean Water Handling for Power Plants & Industries



## NS Series Submersible Sewage Pumps

### Technical Specifications :

Head : upto 65 meters  
Capacity : upto 2500 m<sup>3</sup>/hr  
HP : 0.5 to 250  
Solid Size : upto 150 mm  
RPM : 960 / 1450 / 1750 / 2900 / 3550  
Frequency : 50 / 60 Hz

**Applications** • Handling of Industrial Abrasive & Aggressive Slurry • Untreated Sewage Containing Solid Particles • ETP • Municipal Sewage Plant



# Heavy Duty Industrial Solutions



## Pro-Prime Series Autoprime Pumps

### Technical Specifications :

Flow : upto 2500 m<sup>3</sup>/h  
Head : upto 200 meters with single stage impeller  
Solids handling : upto 125 mm  
Mechanical seal fitted pumps

**Applications** • Municipal • Mining and Quarrying  
• Industrial • Construction and Tunneling  
• Oil and Gas • Marine

## HD Series Tough Pumps Dewatering

### Technical Specifications :

Head : upto 210 meters  
Capacity : upto 550 m<sup>3</sup>/hr  
HP : 120  
Solid Size : upto 15 mm  
MOC : Cast Iron  
Frequency : 50 / 60 Hz

**Applications** • Mining Source Water  
• Tunneling Face & Stage Dewatering  
• Open Pit - Underground Mine Dewatering





## DC Series Submersible Dewatering Pumps

### Technical Specifications :

Head : upto 100 meters  
Capacity : upto 1000 m<sup>3</sup>/hr  
HP : 1 to 85  
Solid Size : upto 15 mm  
MOC : Aluminium with stainless steel  
Frequency : 50 / 60 Hz

**Applications** • Cooling Tower • Jack Well Installation  
• Removing Dirty Water • Dewatering Pits  
• Open Cast Mining • Barge Mounted Dewatering



## Ni-HARD Series Submersible Slurry Pumps

### Technical Specifications :

Head : upto 50 meters  
Flow : 420 m<sup>3</sup>/hr  
Solid content by weight : 65%  
Specific gravity : 2.8 kg/l  
Particle size : 40 mm  
RPM : 1750 / 3550  
Frequency : 50 / 60 Hz

**Applications** • Fly Ash, Dredging & Thick Mud  
• Coke Pits • Sand and Gravels Excavation • Silt Removal  
• Ocean Sand Mining • Mill Scale • Coal Washery



## CP Series Submersible Contractor Pumps

### Technical Specifications :

Head : upto 50 meters  
Capacity : upto 450 m<sup>3</sup>/hr  
HP : upto 60  
Solid Size : 40 mm  
MOC : 27% high chrome impeller, 2% Ni. Cl volute  
Frequency : 50 / 60 Hz

**Applications** • Construction Slurry • Dewatering



## DS Series Duplex Steel Submersible Pumps

### Technical Specifications :

Head : upto 65 meters  
Capacity : upto 4000 m<sup>3</sup>/hr  
HP : upto 250  
Solid Size : 100 mm  
MOC : Duplex Stainless Steel  
Frequency : 50 / 60 Hz

**Applications** • Seawater Dewatering  
• Desalination Plants • Ports and Dockyards  
• Seawater Intake for Power Plants • Coastal Projects

# Commercial & Light Industrial Solutions



## PST Series Submersible Portable Pumps

### Technical Specifications :

Head : 32 meters  
Capacity : 170 m<sup>3</sup>/hr  
HP : 0.5 to 10  
RPM : 2900 / 3550  
MOC : Cast iron, Aluminum,  
Stainless steel  
Frequency : 50 / 60 Hz

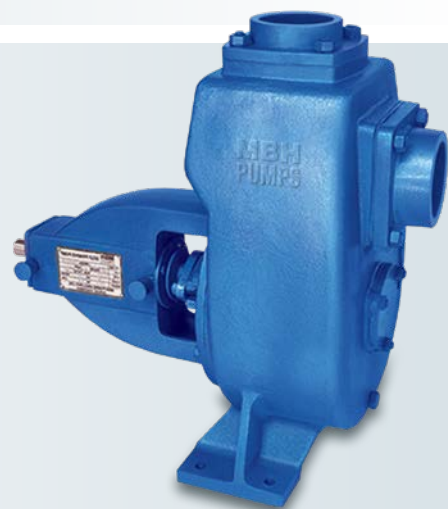
**Applications** • Automatic Dewatering of Pits  
• Yards and Basements subjected to Flood Risk  
• Portable Application

## Centrifugal Self Priming Pumps

### Technical Specifications :

Head : upto 35 meters  
Capacity : upto 266 m<sup>3</sup>/hr  
Solid size : 40 mm  
Drive : Electric / Engine  
MOC : Graded Cast iron, SS  
Seal : Gland / Mechanical seal

**Applications** • Various Industries  
• Restaurants and Hotels  
• Commercial Dewatering





A perfect range of portable pumps for handling water and wastewater with our solid handling pumps. This whole range of pumps are designed keeping in mind variety of applications and their issues, Easy of use and concept of high quality and safety.

### PSNC / PSNCV Series Submersible Vortex Sewage Pumps

**Technical Specifications :**

Head : upto 40 meters  
 Capacity : upto 120 m<sup>3</sup>/hr  
 HP : 1 to 15  
 Solid Size : upto 75 mm  
 MOC : Cast Iron  
 Frequency : 50 / 60 Hz

- Applications** • Sewage Management  
 • Accumulated Water • Septic Tank  
 • Drainage of Wastewater from the Attenuation Tank  
 • Purifying Tank • Sewage Tank in Water Treatment plant



### PSC Series Submersible Cutter Pumps

**Technical Specifications :**

Head : upto 28 meters  
 Capacity : upto 80 m<sup>3</sup>/hr  
 HP : 2 to 5  
 Solid Size : upto 58 mm  
 MOC : Cast Iron with impellers & tungsten cutting tips  
 Frequency : 50 / 60 Hz

- Applications** • Drainage applications at Commercial Sites like Hotels • Hospitals • Railway & Metro stations  
 • Airports • Shopping Malls • Public Parks  
 • Commercial Buildings • Rainwater Dewatering



### PSTGF Series Submersible Grinder Pumps

**Technical Specifications :**

Head : upto 32 meters  
 Capacity : upto 20 m<sup>3</sup>/hr  
 HP : 1 to 5  
 MOC : Cast Iron with Stainless steel impellers  
 Frequency : 50 / 60 Hz

- Applications** • Residential Building  
 • Household Usage  
 • Sanitary Sewer Pumping  
 • Hotels • Hospitals

# Agriculture & Domestic Solutions



## Submersible Borewell Pumps 75 mm to 305 mm (3" to 12")

### Technical Specifications :

Head : upto 400 meters  
Discharge : upto 400 m<sup>3</sup>/hr  
Range : v3, v4, v5, v6, v7, v8, v9, v10, v11, v12  
HP : upto 150  
Frequency : 50 / 60 Hz

**Applications** • Town and Village Water Supply Schemes  
• Cooling Water Circulation • Booster Application  
• Mining, Marine and Construction  
• Domestic • Hotels • Industries • Agriculture

## Submersible Monoset Pumps Three Phase

### Technical Specifications :

Head : 75 meters  
Capacity : 310 m<sup>3</sup>/hr  
HP : upto 50

**Applications** • Agricultural and Minor Irrigation  
• Air-Conditioning and Refrigeration  
• Village Water Supply Schemes  
• Domestic and Construction Purposes  
• Industrial Use • Water Circulation



Extensive Range of MBH wastewater pumps now comes with Optimal cooling solution for various pumping applications. This comprehensive selection of pump options will provide optimal performance and power, while reducing operating costs and simplifying maintenance.

Cooling is a key aspect of submersible pump performance. MBH offers several types of cooling systems, including advanced closed loop cooling, which delivers the ultimate flexibility and reliability.

## Closed-loop cooling system with glycol cooling

MBH closed loop cooling system uses the latest technology to secure industry leading performance. It is suited to all DRY-INSTALLATIONS, as well as wet installations where the motor is not sufficiently submerged. Coolant is circulated between the inner and outer cooling jacket, down to the cooling bottom. The main strength of closed-loop cooling is that it is not sensitive to impurities in the pumped media. The close loop ensures the coolant is never contaminated. The Heat from stator body is transferred to the coolant, and the coolant at the same time is pumped at high speed inside the jacket with the help of specially designed 3D printed Impeller.

The coolant in the closed loop system is a precise mixture of pure distilled water and a special glycol formulation. It has excellent heat transfer and corrosion resistance properties and is freeze-proof upto -45 C.

Now ask for Closed loop jacketed submersible pumps for all variety of MBH submersible waste water pumps as an option.



### NS Series Submersible Sewage Pumps

Technical Specifications :

- Head : upto 65 meters
- Capacity : upto 3000 m<sup>3</sup>/hr
- HP : 10 to 300
- Solid Size : upto 150 mm
- Frequency : 50 / 60 Hz

### Ni-HARD Series Submersible Slurry Pumps

Technical Specifications :

- Head : upto 60 meters
- Capacity : upto 800 m<sup>3</sup>/hr
- Solid content by weight : 65%
- Specific gravity : 2.8 kg/l
- Particle size : 40 mm
- Frequency : 50 / 60 Hz

### CP Series Submersible Contractor Pumps

Technical Specifications :

- Head : upto 50 meters
- Capacity : upto 450 m<sup>3</sup>/hr
- HP : upto 60
- Solid Size : 40 mm
- Frequency : 50 / 60 Hz

\* No need of external water source for cooling. \* Can use a submersible pump as a surface pump.



*Some of our prestigious projects executed catering customers from various segments*

Contractor Name	Number of pumps	HP	Project Name	Application
Mahalasa Construction Private Limited	15	up to 225	MCGM	Dewatering
Adani Infra India Limited	48	up to 200	Prayagraj NMCG	STP Plant
Triveni Enginerring & Industries Limited	53	up to 225	Mathura NMCG	STP Plant
DWP Pumps	6	up to 225	MIDC Boisar	STP Plant
K.G. Marketing	6	up to 225	Essar Steel	Dewatering
Classic Network Private Limited	48	up to 120	Sagbara Dediapada	Water Supply
Reliance Infrastructure Limited	84	up to 20	Kudankulam Nuclear Power Project Unit 3 & 4	Dewatering
Tata Project Limited	78	up to 40	NPCIL Kudankulam SWS package	Dewatering
K.G.N. Lucky Electricals	5	up to 160	KUWSDB	STP Plant
Samrudhhi Techno Design & Services	5	up to 125	KUWSDB	STP Plant
Thermosystems Private Limited	92	up to 60	Nabinagr Power Genration Company	Dewatering
HM Engineers	22	up to 100	Kevadiya Dam Sardar Sarovar Nigam Limited	Dewatering
MEM Enginerring Private Limited	200	up to 20	Chennai Metro Rail	Dewatering
Aqua Engineering Private Limited	20	up to 20	Bangalore International Airport Limited	Dewatering
Western Corporation Limited	7	up to 75	Halefa Refinery	STP Plant
Trelindia Private Limited	8	up to 150	Veraval	Sea Water Dewatering
Megha Enginerring & Infrastructer Limited	18	up to 75	Mahaboobnagar Water Grid	STP Plant
Hindustan Zink Limited	50	up to 120	Mining	Dewatering
Larsen & Turbo Limited	12	up to 50	Kalishindh isp	STP Plant
Larsen & Turbo Limited	12	up to 50	Ranchi Smart City	Water Supply
NTPC Limited	75	up to 35	Thermal Power project	Dewatering
Odisha Lift Irrigation Corporation Limited	4	up to 200	Magarmuhan Canal Project	Water Supply
Phonix Project Private Limited	17	up to 100	Mangoi & Gollav Narmada River Basin	Water Supply
L & T Hydrocrban Enginerring Limited	3	up to 175	Ethane Storage Facility Dahej Project	Water Supply
C.P.N. Industries	4	up to 125	Bangalore Water Supply Project	Water Supply
Gujrat Water Supply & Sewage Board	500	up to 30	Vilage Level Water Supply Project	Water Supply

“ Fresh water is becoming increasingly scarce worldwide.  
That is why we consider it as our responsibility to develop pumps  
and systems that can use to obtain and use this precious resource  
in the most efficient way possible – now and in the future.”

*Specifications and performance are subject to change without prior notice.  
Images used are for illustration purpose only.*



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