



# SERVICING THE DEWATERING & WASTEWATER MARKETS



ELECTRIC SUBMERSIBLE PUMPS



**Our mission is to produce quality submersible pumps for moving water and wastewater safely and efficiently, at a reasonable price, backed by superior customer service, with a firm commitment to continually improve in meeting the challenges of the ever changing global market environment.**

## **ABOUT MODY PUMPS, INC.**

### **The Initial Start in India...**

The roots of Mody Pumps®, Inc. began in India in 1957, almost 50 years ago by D.N. Mody; a successful businessman in a variety of enterprises. The subcontinent had gone through a tumultuous period, British rule and subsequent partition. There was a lack of basic necessities in almost all areas, water being one of them. Mr. Mody, recognizing the acute shortage of water pumps, began importing submersible and jet pumps from the U.K. Due to high import tariffs and the depreciating value of the local currency, he was forced to begin manufacturing his own pumps and motors. Back in the 60's Mody was the first local manufacturer to produce 4" & 6" submersible turbine pumps, which ultimately led to a full line of submersible dewatering, sludge and wastewater pumps.

### **One of the Fastest Growing Manufacturers Worldwide...**

Mody Pumps®, Inc. is one of the fastest growing submersible pump manufacturers worldwide. We draw from almost half a century of experience in the submersible pump industry to deliver products that embody superior quality, reliability, peerless customer service and solid after-sales support. We serve the dewatering, municipal, industrial, marine, rental and waste management markets by offering a complete range of dewatering pumps and a full line of wastewater and sewage pumps.

### **Established now for Worldwide Distribution...**

Mody Pumps®, Inc. manufacturing and corporate facilities are located in Bakersfield, California USA. The Bakersfield operation started in 1996 by focusing and growing the business through a distribution network. Today, Mody Pumps has a worldwide presence with manufacturing and sales facilities in the USA, India, and Europe. Most important, a Mody network of qualified distributors/service centers has been established throughout the world.

### **Our Vision...**

Mody Pumps®, Inc. has been and always will be a family owned corporation. We treat our distributors like we treat our own family and employees, with trust, honesty, loyalty and above all a commitment to provide on time submersible pumps of the highest quality at reasonable prices.

The aspiration to be the largest submersible pump manufacturer in the world and to acquire the largest share in our pump market segment is NOT at the top of our list. What we DO want, is to preserve, nurture and expand our global distribution team, cultivating long term relationships without sacrificing our integrity or the quality of customer service and aftermarket sales support that are synonymous with the MODY name.



## **MODY SLIM-LINE SERIES - DEWATERING**

The Mody Slim-Line Contractor Dewatering Pumps were specifically developed where the overall diameter of the pump is critical when the pumps are fitted inside a well casings, designed to meet the rugged mine and industrial application requirements. Equipped to handle contaminated fluids at construction sites, mines and power plants. These rugged, heavy duty, class "H" insulation, epoxy-coated, stainless steel-fitted pumps are ideal in any rental fleet. The Slim-line horsepower range is from 1.3 HP (1 kW) to 150HP (110 kW) 60/50 Hz.



## **MODY SIDE DISCHARGE SERIES - DEWATERING**

The Mody Side Discharge Series was developed for compacted low ceiling space areas, but designed to meet the rugged mine and industrial application requirements. Equipped to handle contaminated fluids at construction sites, mines and power plants. These rugged, heavy duty, class "H" insulation, epoxy-coated, stainless steel-fitted pumps are ideal in any rental fleet. The horsepower range for this series is from 5 HP (3.7 KW) to 35 HP (26 KW).



## **MODY SLIM-LINE STAINLESS STEEL SERIES - DEWATERING**

The Mody Slim-Line Dewatering Pumps are also available in stainless steel materials for corrosive and abrasive applications. This pump series is capable of handling contaminated fluids with a 2-10 pH range; typical at most landfills, nuclear power plants, mines, paper & pulp industries. These stainless steel pumps provide an economical alternative to line shaft/vertical thermoplastic/exotic metal pumps. The current horsepower range is from 1.3 HP (1 KW) to 58 HP (43 KW) 60 Hz, 1.3 HP (1 KW) to 50 HP (37 KW) 50 Hz



## **MODY NON-CLOG SLUDGE SERIES - DEWATERING**

The Mody Non-Clog Submersible Pumps address applications where large solid particles are present in the pumping medium. These Stainless Steel Wet End, Vortex-style, recessed-Impeller pumps are ideal for corrosive/abrasive applications in the marine, food screening, concrete and waste water treatment industries. These units have the capabilities to handle 2.5" sphere size solids. Available in complete Stainless Steel construction. This pump series has three units with a max horsepower of 10 HP (7.5 kW) 60/50 Hz.



## **MODY MHMXP SLURRY SERIES - DEWATERING - EXPLOSION PROOF**

The Mody MHMXP Pumps are designed for portable and permanent wet pit slurry applications in hazardous locations. The material of construction for the wet end are supplied in 28% Hi-Chrome; as an option the wet end components are also available in cast iron for those application where hard metal components are not required. This series is offered with a variety of voltages; the horsepower range is from 5 to 150 HP (3.7 kW to 110 kW) 60/50 Hz.



## **MODY MSP SERIES - WASTEWATER / SEWAGE & STORM WATER**

The Mody MSP Pumps are designed for variety of installations; portable, wet pit, and fixed dry pit installations. The pumps are equipped with High Efficiency Motors, Class "H" insulation and VFD rated. A unique integral, self-contained maintenance free cooling system is available as an option. This series is available with various motor speeds and voltages. The horsepower range is from 5 to 180 HP (3.7 KW to 135 KW) 60/50Hz.



## **MODY MSPG SERIES - GRINDER-SEWAGE**

The Mody MSPG Pumps are basically designed with the same modules as the MSP Series, except for the 2" (50 mm) discharge flange. Suitable for portable, wet pit and fixed dry pit installations, this pump series features an adjustable Duplex Stainless Steel Grinding Mechanism. The pumps are also equipped with High Efficiency Motors, Class H insulation and VFD rated. This series is available with 2 pole motors and a variety of voltages. The maximum horsepower currently offered with this series is up to 20HP (15 KW) 60Hz, and 13.5 KW 50Hz.



## **MODY MS SERIES - SEWAGE / WASTEWATER**

The Mody MS Series Submersible Non-Clog Sewage Pumps are ideal for portable and permanent applications. The MS-Series pumps are dimensionally interchangeable with other popular pump brands; an excellent series for the replacement market. The series is equipped with High Efficiency Motors, Class H insulation and VFD rated. These units can handle 15 starts/stops per hour. The horsepower range is up to 20HP (60Hz) 15KW (50Hz).



## **MODY MHC SERIES - DEWATERING / SLURRY & SAND**

The Mody MHC Series HI-Chrome Slurry Pump is designed for portable installation to handle highly abrasive particles in suspension. The series features 28% HI-Chrome wet end components with an agitator available as an option. The Hi-Chrome open dual impellers are designed to provide maximum solids handling without sacrificing efficiency. The series is equipped with High Efficiency Motors, Class H insulation and VFD rated. The horsepower range is up to 150HP (60Hz) 112KW (50Hz).



## **MODY MLS SERIES - DEWATERING / SLURRY & SAND**

The Mody MLS Series HI-Chrome Slurry Pumps are designed for portable installation to handle highly abrasive particles in suspension. The series is equipped with High Efficiency Motors, Class H insulation. The units feature 28% Hi-Chrome components with a built-in agitator. The horsepower range is up to 30HP (60Hz) 22KW (50Hz).



# SERVICING THE DEWATERING & WASTEWATER MARKETS

## DEWATERING MARKET

Mody Pumps has been actively involved in the Dewatering Market for close to half a century. There are numerous construction sites where continuous developments are taking place across the globe, such as for shopping centers, industrial parks, residential housing, highway construction and land reclamation. These present a number of growing business opportunities for submersible pumps around the world. Mody Pumps are being used in harsh and demanding applications worldwide including:

- Construction
- Rental fleets
- Marine-Aquaculture
- Tunneling
- Power plants
- Municipalities
- Mining
- Agriculture
- Land-fills



## WASTEWATER / SEWAGE & STORM WATER MARKETS

It is well known that thousands of water and wastewater facilities collectively spend billions of dollars each year for maintenance, improvements and new systems. Over the next 20 years many of these same facilities will be upgraded, requiring trillions of dollars to maintain clean and safe water through the 21st Century. The potential business aspects associated with these facts will present great opportunities in the near future. Mody submersibles are installed in the following areas:

- Building trades
- Pulp and paper
- Food processing
- Rental
- Municipal wastewater
- Airports
- Power plants
- Sewage lift stations
- Pharmaceuticals
- Industrial wastewater
- Marine
- Fishing
- Refineries
- Textile mills



