



# MERAJ

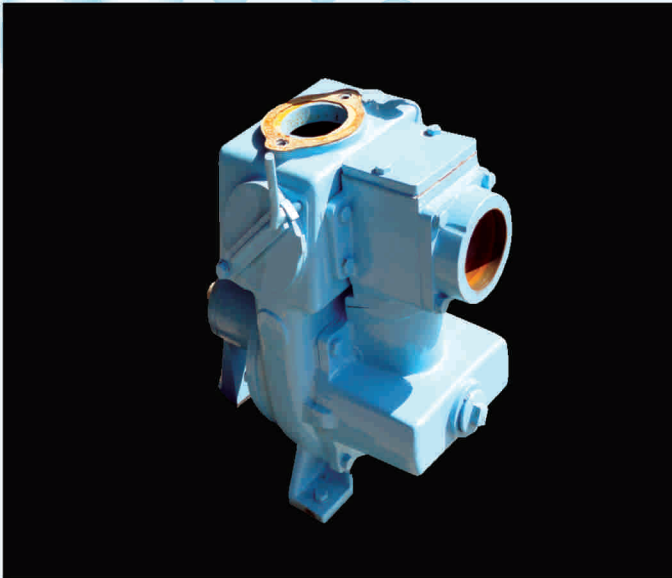
**Self-Priming, Centrifugal Pumps (Non-Clog)**  
 Chemical, Petroleum, Water & Fire Fighting

**MODEL: MT - 4**

**Size: 4"x4"**



Innovative Engineering



<b>Pump Size: 4"x4" (100mmx100mm)</b>	
Pump Casing	Ductile Iron - ASTM A48
Impeller	Open type, two vane, Material - Cast Steel-ASTM A48 Pumps upto 3" (76.2 mm) solids
Impeller Shaft	Stress Proof SAE 1144 Steel
Wear Plate	ASTM A48
Wear Rings	ASTM A48
Cover Plate	Removable type - ductile iron ASTM A48
Flap Valve	Neoprene
Bearing Housing	Ductile Iron ASTM A48
Seal Plate	Ductile Iron ASTM A48
Shaft Sleeve	Ductile Iron ASTM A48
Radial Bearing	Open Single Ball
Thrust Bearing	Open Double Ball
Bearing / Seal - Cavity Lubrication	SAE No. 30 Lubricating Oil
Flanges	Ductile Iron ASTM A48
Gaskets	Buna-N, Compressed Synthetic Rubber
O-Rings	Buna - N, Compressed Synthetic Rubber
Hardware	Steel Grade 5
Air Release Valve	Brass

## BENEFITS

- **Economical**
- **Easy Installation**
- **Dependable**
- **Peak Performance**
- **Easy to Maintain**
- **Saves Space**
- **Long Life**

### **Optional Equipment and Materials:**

Automatic air release valve, 120V/230V casing heater,  
 Sea-Water Application Materials. High pump temperature shutdown kit,  
 Moisture probe gauge kit, ASTM standard suction and discharge flanges.

### **Seal Specifications:**

Mechanical oil-lubricated, double floating, self-aligning seal.  
 Silicon Carbide rotation and stationary faces. Stainless steel  
 metal components. Maximum temperature of liquid pumped  
 180F / 83C.

- **All Weights & Dimensions are on approximate basis.**

