



## "MPS" SERIES

## BACK PULLOUT PUMPS (PULP APPLICATION)

### APPLICATION

"MPS" Type pumps are used in paper & pulp industry, food industry, sugar industry, efficient plants, sea water desalination plants, chemical & petrochemicals industry, power stations and absorption plants in environmental engineering & etc. Handling of pulp & paper stocks up to 5% consistency heavily contaminated liquids, raw sewage, chlorinated water & etc

### DESIGN

Horizontal Back Pull Out Design Pumps.  
Closed and Semi Open Impeller Construction with taper roller bearing on both end and designed in accordance with ANSI B 16.5.

### SAILENT FEATURES

- Back pull out design
- Steady flow
- Energy Efficient
- Sturdy Construction
- Low NPSH
- Noise & Maintenance Free
- Environment Friendly
- Shaft Defection Below 0.055 mm
- Simple External axial Adjustment for impeller wear & tear
- To pump the pulp as Like water

### OPERATING RANGE

<b>Capacity</b>	: Up to 600 M <sup>3</sup> /Hr
<b>Head</b>	: Up to 180 Mtrs (590 Feet)
<b>Capacity</b>	: Up to 2500 M <sup>3</sup> /Hr
<b>Head</b>	: Up to 80 Mtrs (262 Feet)
<b>Temperature</b>	: Up to 140 C (284 F)
<b>Casing Pressure</b>	: Up to 22 Kg / cm <sup>2</sup>
<b>Pump size ( Delivery bore)</b>	: 65 mm to 400 mm
<b>Speed</b>	: Up to 1480 rpm
<b>Direction of rotation</b>	: Clockwise from drive end

### MATERIAL OF CONSTRUCTION

Graded CAST IRON, WCB, CFB, Cf8,  
CF8M, CD4MCu, SS 2324.  
ALLOY 20 & ETC.

