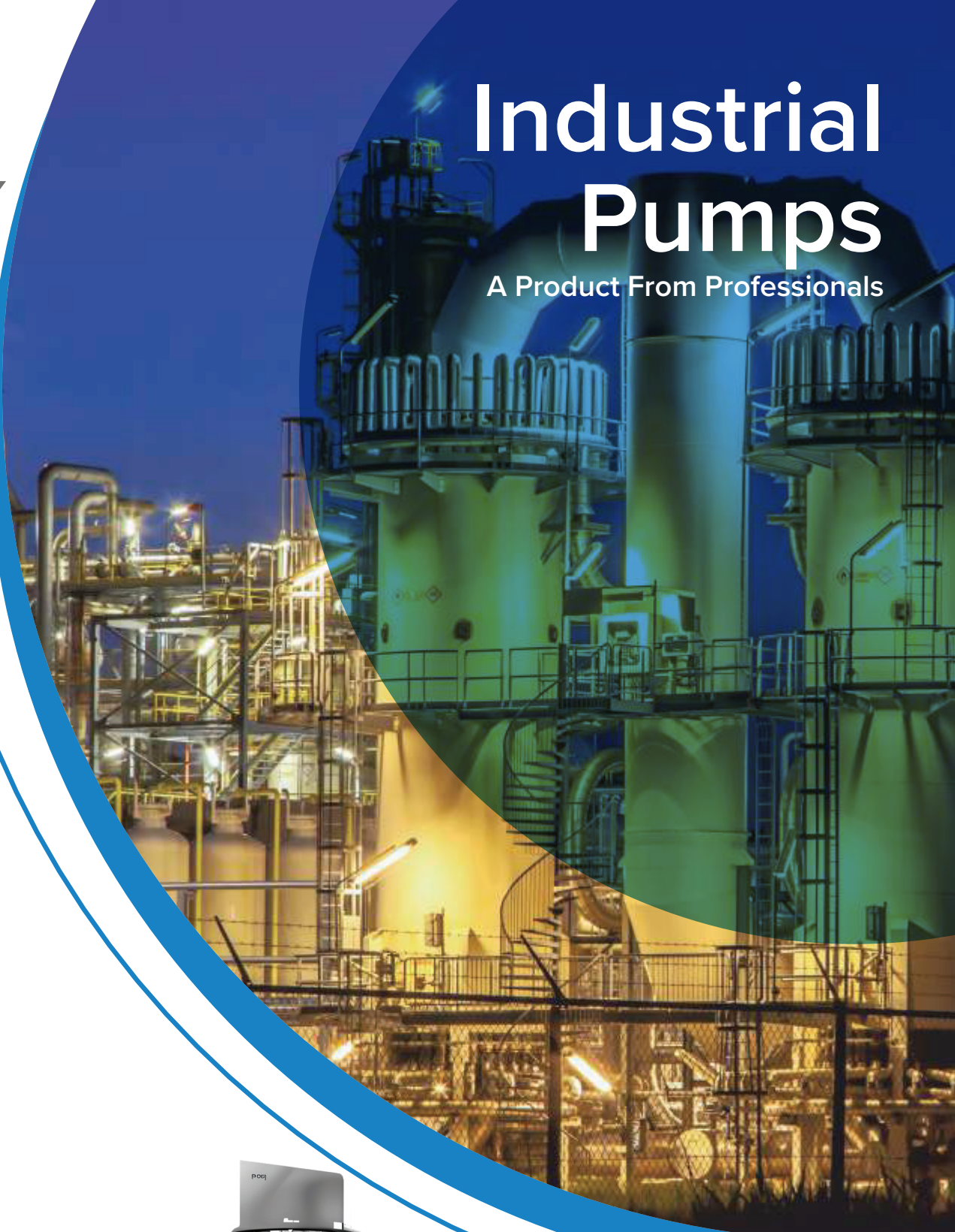




# Industrial Pumps

A Product From Professionals



Submersible Mixer



ISO 9001:2015 Certified Company

# SUBMERSIBLE MIXER



A submersible mixer is engineered to keep particles uniformly suspended in wastewater & sludge, helping to prevent settling & enhance treatment efficiency. We offer a wide selection of submersible mixers—from compact models to high-capacity flow makers—suitable for diverse applications.

General Features	
<b>Power Range:</b>	Available in various power ratings to suit different application needs
<b>Design:</b>	Compact and robust design for easy installation and maintenance
<b>Propeller:</b>	High-performance, self-cleaning propeller made from durable materials
<b>Motor:</b>	High-efficiency submersible motor directly coupled to the propeller
<b>Mixing Efficiency:</b>	Effective homogenization of liquids, preventing sedimentation and ensuring uniform mixing
<b>Durability:</b>	High-quality materials and construction for long-lasting performance in harsh environments
<b>Environmental Impact:</b>	Low noise and vibration levels for a better working environment
<b>Installation:</b>	Easy to install with a dedicated lifting device and manual winch for precise positioning
<b>Maintenance:</b>	Low maintenance requirements with accessible components & self-cleaning propeller

Electrical Features	
<b>Rating:</b>	3.0 HP – 10 HP (2.2kW – 7.5kW)
<b>Speed:</b>	4pole / 6pole / 8pole
<b>Voltage/Phase:</b>	415V / 3PH
<b>Protection:</b>	IP 68
<b>Insulation:</b>	Class 'F'
<b>Duty:</b>	S1
<b>Medium Temp.:</b>	40°C (max.)
<b>Cable length:</b>	10m
<b>Moc:</b>	C.I /SS304 /SS316 / SS316L (All Customize)

Application
<ul style="list-style-type: none"> <li>• Municipal sewage treatment plants</li> <li>• Industrial wastewater treatment plants</li> <li>• Biogas mixing tanks for:                             <ul style="list-style-type: none"> <li>- Homogenization of heavy sludge with solid particles</li> <li>- Nitrification and de-nitrification processes</li> <li>- Phosphorus removal</li> </ul> </li> <li>• Furnace cooling tanks</li> <li>• Mixing of high-viscosity liquid</li> </ul>

## PERFORMANCE CHART

Model	Rating (kW/HP)	Propeller Dia.	Propeller & guard Material	No. of vanes	Speed (RPM)	Push-force (N)
JBSA 3.0	2.2/3.0	300mm	SS 304	3.0	960	580
JBSA 5.0	3.7/5.0	310mm	SS 304	3.0	960	690
JBSA 7.5	5.5/7.5	460mm	SS 304	4.0	750	1000
JBSA 10.0	7.5/10	480mm	SS 304	4.0	750	1200

### Manufacturing Unit - JB PUMPS INDIA PVT LTD

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