Corporate Profile

INDRA HYDRO TECH PUMPS PVT. LTD.
Bangalore, India
pumps for life ...
Indra Hydro Tech Pumps Pvt. Ltd., is one of the leading manufacturers of industrial, domestic, agricultural pumps and motors. Apart from the Manufacturing Division, the Company also has an OEM Division and Project Management Division. The Company is located in one of the prime industrial areas in Bangalore, India which is well connected by road, rail and air. The factory is just an hour drive from the Bangalore International Airport, one of the busiest airports in South India having direct flights to places around the globe.
The Manufacturing Division of Indra Hydro Tech Pumps Pvt. Ltd. manufactures pumps and motors such as Sludge Pumps, Sewage Pumps, Waste Water Pumps, Engine-driven / Electrical-driven Pumps, Centrifugal Pumps and Borehole Pumps from 0.37kW to 22kW. The Company also manufactures energy saving electrical motors up to 22kW as per IE2 and IE3 standards. The Company has the state-of-the-art R&D, in-house quality testing facility, assembly line, re-generative torque testing facility, hydraulic pump test facility and NPSH facility.

Looking at the future, we at IHP have been investing our resources on Heavy Duty Trash Pumps / Sewage / Utility Trash pumps, Solid Handling Diesel and Electric Dry prime Diaphragm / Compressor assisted pumps and Diesel / Electric Clear water high pressure pumps up to 18" Delivery and Hydraulic Submersible pumps upto 12" Delivery and Canopy enclosures to reduce the pumps operation sound levels by 25+ dBA.

Indra Hydro Tech Pumps Pvt. Ltd. extends its state-of-the-art facility to other manufacturers around the globe to utilize this facility to manufacture their customized products at a competitive manufacturing cost.

The Project Management Division of Indra Hydro Tech Pumps Pvt. Ltd. has designed and developed state-of-the-art, series of equipment for re-generative torque testing for rotating, Hydraulic pump testing facility, net positive suction head testing, fully automatic coil winding test bench, fully automatic post assembly electrical motor and pump testing facility. These equipment are offered to other manufacturers at a very competitive price. These equipment help the manufacturers improve the quality of their products.
OVERVIEW

- Product Design & Development
- Engineering Design process
- Tools for creative concept generation
- 3D Modeling of concepts
- CAD / CAE / CFD
- Virtual Prototyping/Virtual Reality
- Rapid Prototyping, Tooling and Manufacture
- Reverse Engineering

Research and Development

Mitutoyo Surface Roughness Tester

Rockwell Hardness / Brinell Hardness Testing

Quality & Assurance

Digital Weighing Machine

Magnifier

Between Center

Automated Coil Winding Tester

1 x 1 meter Surface Table
### Product Details

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td><strong>SLUDGE PUMPS</strong></td>
<td>3.7 kW / 5 HP to 22 kW / 30 HP - 6 Models</td>
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<tr>
<td><strong>AGITATOR</strong></td>
<td></td>
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<tr>
<td><strong>STAINLESS STEEL SEWAGE PUMPS 4 POLE – SWA SERIES</strong></td>
<td>2.2 kW / 3 HP to 22.5 kW / 30 HP - 10 Models</td>
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<tr>
<td><strong>CSW FG200 SEWAGE WATER PUMPS</strong></td>
<td>CSW 0.37KW / 0.5 HP to 11KW / 15 HP</td>
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<tr>
<td><strong>CWW FG200 WASTE WATER PUMPS</strong></td>
<td>CWW 0.37KW / 0.5 HP to 11KW / 15 HP</td>
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<tr>
<td><strong>Stainless Steel Waste Water Pumps 50Hz 2 Pole – SWW series</strong></td>
<td>0.25 kW / 1/3 HP to 11 kW / 15 HP - 14 Models</td>
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<td><strong>CWW FG200 WASTE WATER PUMPS</strong></td>
<td>CWW 0.37KW / 0.5 HP to 11KW / 15 HP</td>
</tr>
<tr>
<td><strong>Sewage Grinder Pumps - 2 Pole – SWG series</strong></td>
<td>1.5 kW / 2 HP to 7.5 HP / 5.5 kW - 7 Models</td>
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<tr>
<td><strong>Polo Series Pumps – Polo series - 50 HZ - 2 Pole</strong></td>
<td>0.4 kW / 0.5 HP to 3.7 kW / 5 HP - 11 Models</td>
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<tr>
<td><strong>Stainless Steel Waste Water Pumps 50Hz - 2 Pole – SSP series</strong></td>
<td>0.25 kW / 1/3 HP to 1.5 kW / 2 HP - 9 Models</td>
</tr>
<tr>
<td><strong>Deep Blue Series Sewage &amp; Trash Pumps</strong></td>
<td>Flow rate up to 1230 m³/hr, Head up to 45.5m</td>
</tr>
<tr>
<td><strong>Deep Blue Series High Head Sewage &amp; Trash Pump</strong></td>
<td>Flow rate up to 306 m³/hr, Head up to 62 m</td>
</tr>
<tr>
<td><strong>4&quot; STAINLESS STEEL BOREHOLE MOTORS 2 POLE – 50 HZ</strong></td>
<td>0.37 kW / 0.5 HP to 5.5 kW / 7.5 HP - 14 Models</td>
</tr>
<tr>
<td><strong>6&quot; STAINLESS STEEL BOREHOLE MOTORS 2 POLE – 50 HZ</strong></td>
<td>3.0 kW / 4 HP to 18.5 kW / 25 HP - 10 Models</td>
</tr>
<tr>
<td><strong>Stainless Steel Borehole Pumps - BHS / BHSH Series 50Hz</strong></td>
<td>1M³/hr to 50M³/hr - 94 Models</td>
</tr>
<tr>
<td><strong>Borehole Submersible Stainless Steel Pumps With Norel Impellers – BHP series</strong></td>
<td>1M³/hr to 180M³/hr - 70 Models</td>
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</tbody>
</table>

**www.ihpindia.in**
Hydraulic Performance Test Facility

State of the art Hydraulic & Motor Torque Testing
LabVIEW based control system

Regenerative Motor Torque Testing Facility (RMTT - 09)
Fully Automated Hydraulic Performance Test Facility

- Upto 55Kw/75 HP
- 8” Pipeline
- 500 cubic M³/hr
- 100 bar pressure

Yokogawa Pressure Transducer
Automated Actuating Valve - Delivery
Lab view based Control System
Yokogawa Magnetic Flow Meters
Automated Actuating Valve - Suction
**Machining Facilities**

- CNC Turning & Milling
- VMC Milling
- Cam Milling
- CNC Automatic
- Cylindrical Grinding
- Conventional Turning & Milling
- Surface Grinding
- Thread Rolling
- Centerless Grinding
- Broaching
- Induction Hardening & Annealing
- Honing
- Ultrasonic Cleaning
- Resin Impregnation

**Machines**

- 40
- 20
- 15
- 3
- 3
- 2
- 2
- 1
- 1
- 6
- 4
- 35
- 20
- 15
- 3
- 3
- 2
- 2
- 1
- 1
- 6
- 4
- 35

**Shop Floor**

- Semi-automated Rotor Balancing Machine
- Pressure Leak Testing System
- Electrical Safety Analyser (Pre & Post Production Test)
- BHS / BHP Assembly line
IHP PRODUCTS APPLICATIONS

- Harbour construction
- Ash transfer
- Silt removal
- Sand and gravel pumping
- Barge and tank clean-out
- Lime slurry
- Coal runoff sumps
- Food waste
- Wastewater lift station, municipal
- Building wastewater treatment system.
- Piggery excrement, animal & poultry farm.
- School, hospital, community wastewater treatment system.
- Food, paper, textile, leather industry wastewater treatment system.
- Chemical industries, metal industries
- De-watering - mining
- Natural flooding
- Storage tank de-sludging