

INDIA POWERMELT

Steel Industrial Equipment's Manufacturer



INDIA POWERMELT
STEEL INDUSTRIAL EQUIPMENT'S MANUFACTURER



India Power Melt: Your Trusted Partner in Manufacturing High-Performance Industrial Steel Equipment, Combining Precision Engineering, Superior Materials, and Innovative Solutions to Empower Industries with Reliable, Durable, and Efficient Products That Drive Growth and Success Across Every Sector.





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STEEL INDUSTRIAL EQUIPMENT'S MANUFACTURER



- ◆ IT WORKS WITH ELECTRICITY.
- ◆ UP TO 80% ENERGY COST SAVING.
- ◆ UP TO 90% MAINTENANCE COST SAVING.
- ◆ BOOM LENGTH RANGING FROM 8 TO 15 MTRS.
- ◆ SIEMENS ELECTRIC MOTOR.
- ◆ SOFT STARTER / VFD PANEL.

STATIONARY CRANE

- ◆ USED FOR SCRAP LOADING & UNLOADING.
- ◆ FURNACE CHARGING.
- ◆ FEEDING SHREDDING MACHINE.





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STATIONARY CRANE



We are pleased to offer you comprehensive information regarding our Electro Hydraulic Stationary Crane, along with a selection of related accessories. At present, we manufacture four distinct models of the Electro Hydraulic Stationary Crane.

INDIA P
STEEL INDUSTRIAL

1. IPM - L20-14. 2. IPM - L20-12.
3. IPM - L13-11. 4. IPM - L13-09

IPM-L20-14

TECHNICAL SPECIFICATIONS

ECOLOGY & ECONOMY:



- ◆ Low Power Consumption
- ◆ No Emission
- ◆ Low Operation Noise

COMFORT & SAFETY:



- ◆ Large Comfortable Cabin

MAINTENANCE & RELIABILITY:



- ◆ Easy Maintenance
- ◆ High Rigidity Work Equipment

TECHNICAL DATA:



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MODEL	IPM-L13- 09	IPM-L13- 11	IPM-L20- 12	IPM-L20- 14
Power (Motor)	55kW/75HP	55kW/75HP	110kW/150HP	110kW/150HP
Working Pressure	285 kg/cm ²	285 kg/cm ²	295 kg/cm ²	295 kg/cm ²
Grab Capacity	0.6 m ³	0.6 m ³	0.6 m ³	0.6 m ³
Max Reach Radius	9 m	11 m	12 m	14 m
Tail Swing Radius	2.5 m	2.5 m	2.75 m	2.75 m
Swing Speed	10 RPM	10 RPM	10 RPM	10 RPM
Grab Closing & Opening Time	2. Sec	2. Sec	1.5. Sec	1.5. Sec
Boom Up & Down Time	4 Sec	4 Sec	4 Sec	4 Sec
Pump Capacity	230 LPM	230 LPM	439 LPM	439 LPM
Hydraulic Tank Capacity	125 L	125 L	135 L	135 L
Turret Rotation Angle	360°	360°	360°	360°

◆ High Rigidity Work Equipment:

Boom and Arm are constructed of thick plates of high tensile strength steel. In addition, these structures are designed with large cross-sectional areas and generous use of castings. The result is working attachments that exhibit long term durability and high resistance to bending and torsional stress

◆ Sturdy Frame Structure:

The revolving frame and centre frame are designed by using the most advanced three-dimensional CAD and Finite Element Method (FEM) analysis technology

◆ Hydraulic Grab:

Model	Pressure (bar)	Capacity (L)
IPM-600	300	600



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SPECIFICATIONS

◆ **Lubricant Capacity:**

Final Drive (Each Side) 3.6 L

Swing Drive 6.5 L

◆ **Hydraulics:**

Type: Hydraulic MIND (Hydraulic Mechanical Intelligence New Design) system, closed-centre system with load sensing valves and pressure compensated valves

◆ **Main Pump:**

Type: Variable displacement piston type Pumps for: Boom, Arm, Grab and Swing
Supply for control circuit: Self-reducing valve

◆ **Hydraulic Motors:**

Swing: 1 x Axial Piston motor with swing holding brake

◆ **Relief valve setting:**

According to requirement, we can individually set pressure for swing, pilot, boom, arm and grab.

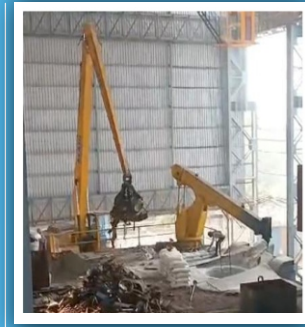
◆ **Hydraulic Cylinders:**

Boom: 2 | Arm: 1 | Grab: 5



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OUR PRODUCTS:



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