



AKASH ENGINEERING WORKS

Stationary Crane



We are delighted to provide you with detailed information about Electro Hydraulic Stationary Crane along with certain accessories. Currently, we build four different models of Electro Hydraulic Stationary Cranes.

1. AE - L20 - 15
2. AE - L20 - 13
3. AE - L13 - 11
4. AE - L13 - 09

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:**

Model	AE - L13 - 09	AE - L13 - 11	AE - L20 - 13	AE - L20 - 15
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	13 m	15 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
Control Panel	65kW AC Drive Panel	65kW AC Drive Panel	110kW AC Drive Panel	110kW AC Drive Panel
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°

- **Design:**

The newly designed cabin is highly rigid and has excellent sound absorption ability.

Thorough improvement of noise source reduction and use of low noise, hydraulic equipment, allows this machine to generate a low level of noise.

- Low Cabin Noise
- Wide Newly Designed Cabin
- Low Vibration with Cabin Damper Mounting

Stationary Crane uses viscous damper mounting for the cabin that incorporates longer stroke and the addition of a spring.

The new cabin damper mounting combined with high rigidity deck aids vibration reduction at operator seat.

- **Comfort:**

- Newly-designed wide spacious cabin includes a seat with a reclining backrest.
- You can set the appropriate operational posture of the armrest together with the console.

- **Reliability:**

- **High Rigidity Work Equipment:**

Boom and Arms 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)
AE-600	300	600

- **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: No of Cylinders

Boom: 2

Arm: 1

Grab: 5



Our Products



Stationary Crane



ElectroHydraulic Orange Peel Grab



Hydraulic Scrap Poker