



ACE 16 XW

Hydraulic Mobile Crane

16 Tonnes Capacity
Rough terrain and rugged
articulated Pick n Carry Crane.

ACE INDIA'S NO. 1
CRANE BRAND



- Best in Class Stability
- Better Creep Speed
- Heavy Duty & Robust Construction
- Ergonomically Designed Cabin
- Fail Safe Air Brakes

Specifications

16XW

| | |
|---|--|
| LIFTING CAPACITY (Free on wheels) | 16 Tonnes |
| ENGINE | ACE-A50 (CEV BS-III) 4 cylinder, water cooled diesel engine |
| Rated Power | 49.5 HP at 2200 RPM |
| TRANSMISSION | Heavy duty, sliding mesh with 6 forward and 2 reverse speeds with high low range selector. |
| Clutch | Heavy duty, single, dry friction cerametallic clutch plate with diaphragm type pressure plate. |
| Top Speed | 28 KMPH Without load |
| STEERING | Lever operated with 55° articulation on either side and turning radius of 6.5 Mtrs. (approx) on outer rear wheels |
| BRAKES | Air operated S Cam dual brakes on front wheels and air operated disc brakes on rear wheels. Rear wheels brakes are actuated through a single pedal Parking brake is pneumatically operated fail safe type |

| | |
|-------------------------|--|
| HYDRAULIC SYSTEM | <ul style="list-style-type: none"> ● Gear / Intra Vane type Main Pump. ● Four spools control valve with built in Relief valve (heavy duty) ● Suction line has 100 mesh size Strainer while return line is fitted with 25 micron full flow filter ● Two double acting lift cylinders, two double acting steering cylinders and two double acting extension cylinders. |
| TELESCOPIC BOOM | Three part boom with hydraulically operated extensions |
| Telescoping Time | 18 Sec. |
| BOOM LUFFING | |
| Time | 20 Sec. |
| HOIST | Winch is driven by hydraulic motor and fitted with hook block employing 4 falls of 13mm dia. Rope. |
| Hoist Speed | 50 Mtrs./Min. (Line speed) |

ACE advantages



ROPS CABIN
Wide view ROPS cabin for better visibility.

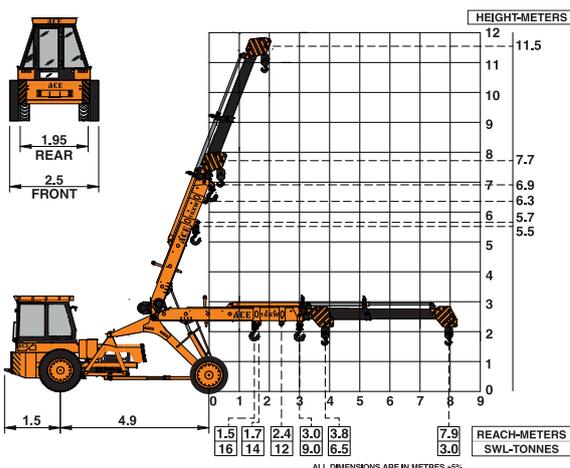


GROUND CLEARANCE
High ground clearance of 400mm for easier rough terrain operation.

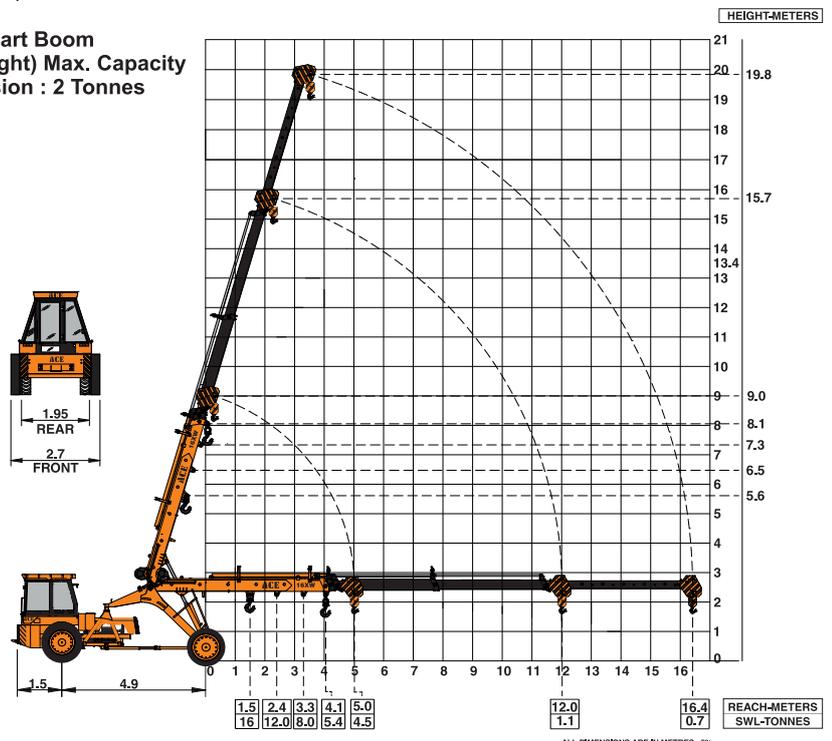


MAIN FRAME
Heavy duty & robust construction.

ACE 16XW 3-Part Boom
11.5 Mtrs. Height



ACE 16XW 4-Part Boom
(19.8 Mtrs. Height) Max. Capacity
Manual Extension : 2 Tonnes



Specifications

16XW

FLUID CAPACITIES

| | |
|----------------|--------------|
| Engine | 8.00 Ltrs. |
| Fuel Tank | 50.00 Ltrs |
| Hydraulic Tank | 140.00 Ltrs. |
| Transmission | 48.00 Ltrs. |

ELECTRICAL SYSTEM

12V, Negative earth with 35 Amp. alternator and 88 Amp hr. battery

TYRES

| | |
|-------|---------------------|
| Front | 11.00 x 20 (4 Nos.) |
| Rear | 14.00 x 25 (2 Nos.) |

SAFETY

- Audio overload indication.
- Hose failure protection.
- Audio over hoisting indication
- Safety brakes on hoist.
- Cylinder guards

STANDARD EQUIPMENT

- ROPS fully enclosed wide view cabin with rotomould canopy.
- Front tyre protector.

OPTIONAL EQUIPMENT

- Front and rear work lights.
- Reflectors & rear view mirror.
- Tool kit.
- Gauges :-
 - a) Water temperature.
 - b) Engine oil pressure.
 - c) RPM meter cum hour recorder
 - d) Air pressure
- Simpson 74HP (54 kw) CEV, BS IV Diesel Engine Model SIV 436-F23, 4 cylinder, water cooled, turbo charged engine with Electronic Control Unit
- Fly jib : 2.75 Mtrs., 1.25 Tonnes Capacity
- Steering Wheel in lieu of lever type steering
- Spark arrestor
- Fire Extinguisher
- 4 part boom, 3 part hydraulically actuated and 4th part power extended (19.8 Mtrs. height)
- Over Hoist hydraulic cutoff
- Safe load indicator / LMI

OPERATING WEIGHT

14230 Kgs.



STEERING CYLINDERS

880 mm stroke cylinders ensure proper steering even in loose, sandy & rocky terrains.



ELECTRONIC CLUSTER

Digital Electronic Cluster with advanced features



AIR BRAKES

Fully air operated S CAM dual brakes on front wheels



INCREASED VISIBILITY

Bigger size front windscreen and re-routing of hoses provide much better front visibility.



ECU

Electronic control unit for better fuel economy and diagnostic trouble shooting



LIFT CYLINDERS

Heavy duty lift cylinders ensure better lifting capacities.



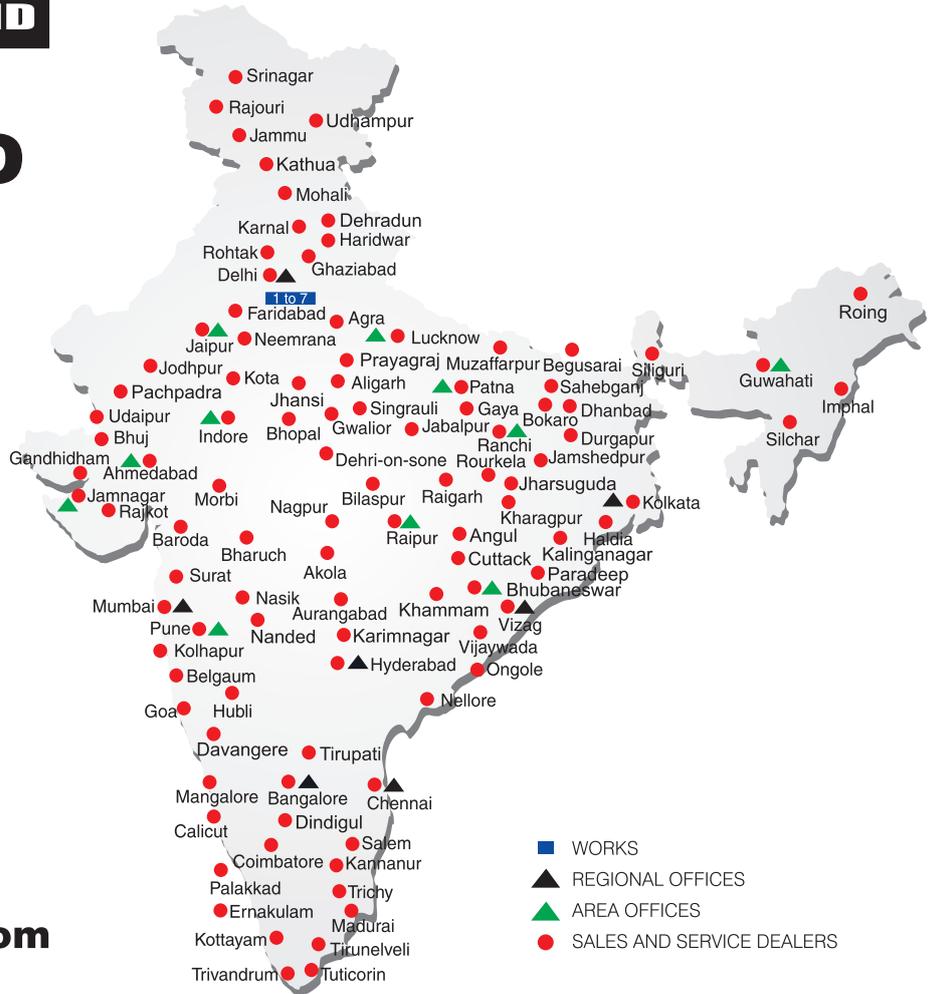
BUILT TO PERFORM



ACE INDIA'S NO. 1
CRANE BRAND

**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



**Toll Free Help Line
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ACE

Action Construction Equipment Ltd.

Contact:



ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by ± 5%. Accessories if shown are not part of the Standard Equipment.