



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

- 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

Telescoping Time

Three part boom with hydraulically operated extensions

18 Sec.

BOOM LUFFING

Time

20 Sec.

HOIST

Hoist Speed

Winch is driven by hydraulic motor and fitted with hook block employing 4 falls of 13mm dia. Rope.

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.

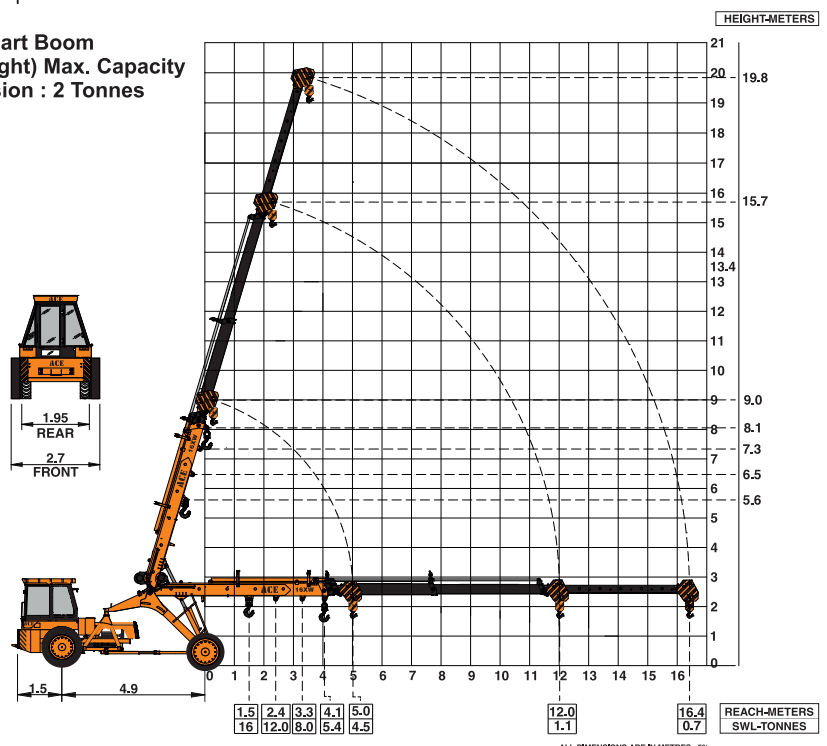
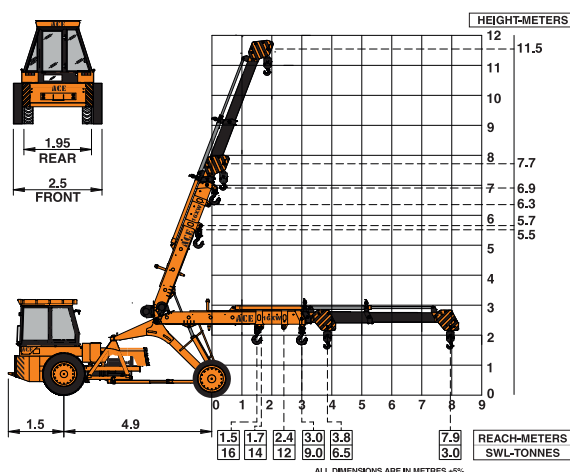


MAIN FRAME

Heavy duty & robust construction.

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

ACE 16XW 3-Part Boom 11.5 Mtrs. Height



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
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.



INCREASED VISIBILITY

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



LIFT CYLINDERS
Heavy duty lift cylinders ensure better lifting capacities.



ELECTRONIC CLUSTER

Digital Electronic Cluster with advanced features



ECU

Electronic control unit for better fuel economy and diagnostic trouble shooting



AIR BRAKES

Fully air operated S CAM dual brakes on front wheels



BUILT TO PERFORM

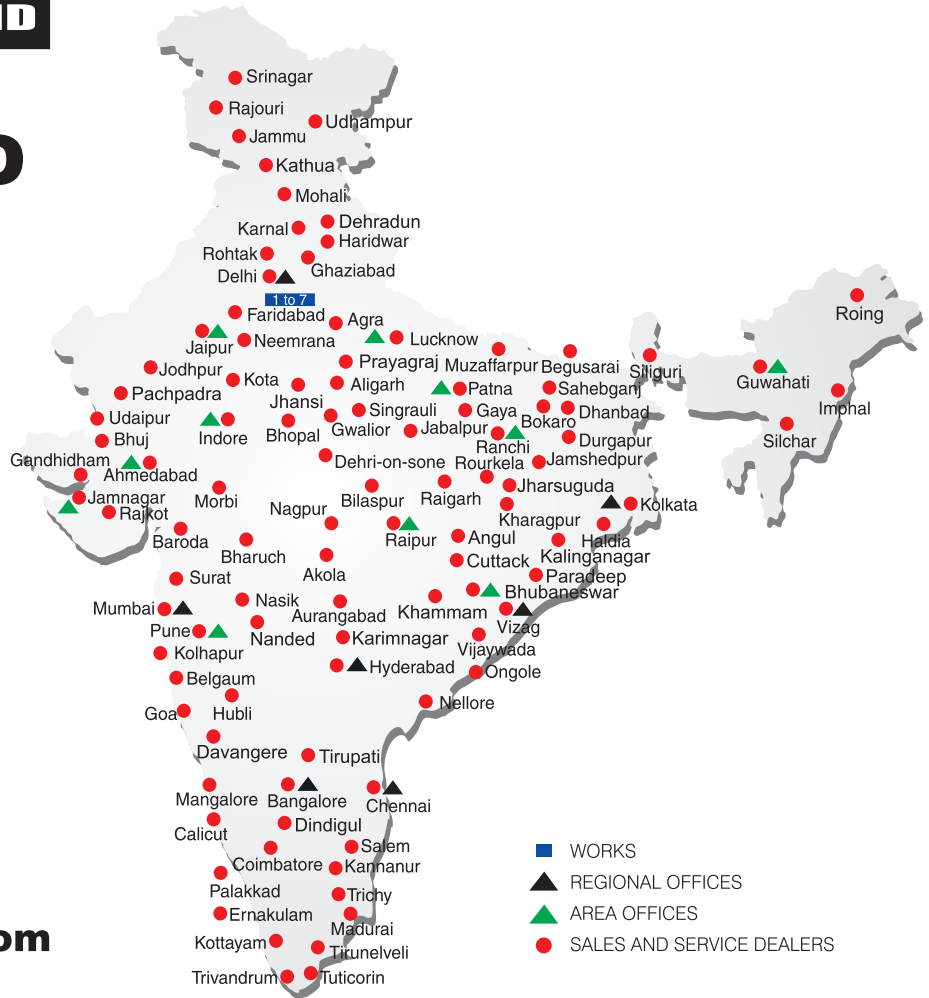


ACE

**INDIA'S NO. 1
CRANE BRAND**

**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



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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 $\pm 5\%$. Accessories if shown are not part of the Standard Equipment.