



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	Tata (CEV V) Diesel Engine, Model 497TC59, 4 Cylinder, Water Cooled, Turbo Charged Engine with Electronic Control Unit (ECU)
Rated Power	74 HP (54 kW) at 2200 RPM
TRANSMISSION	Heavy duty, sliding mesh with 8 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)

FLUID CAPACITIES

Engine

9.5 Ltrs.

Fuel Tank

50.00 Ltrs

Hydraulic Tank

140.00 Ltrs.

Transmission

48.00 Ltrs.

ACE advantages



ROPS CABIN

Wide view ROPS cabin for better visibility.



GROUND CLEARANCE

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

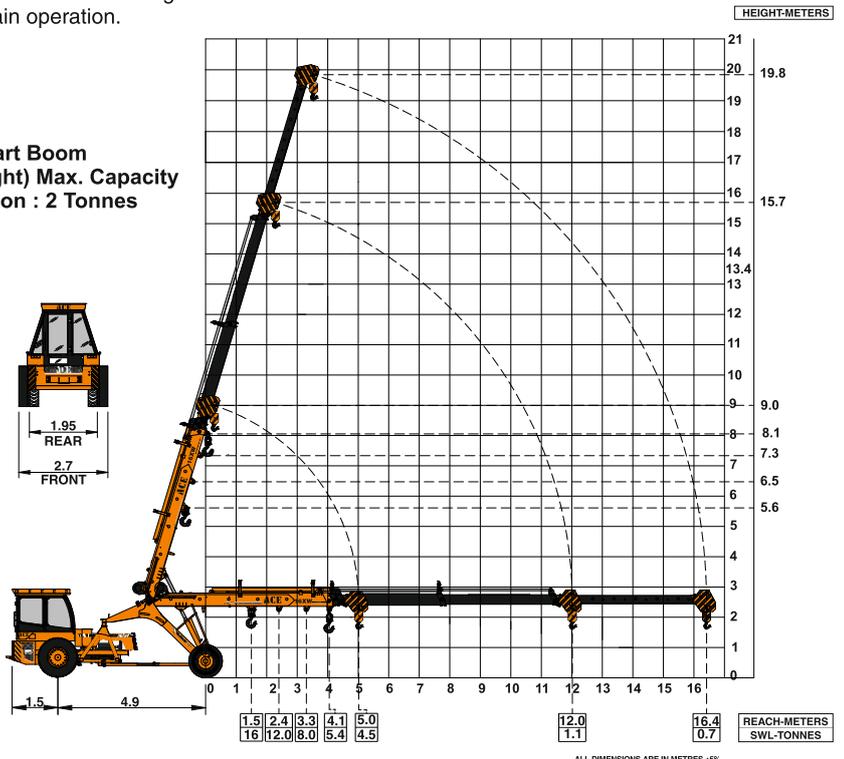
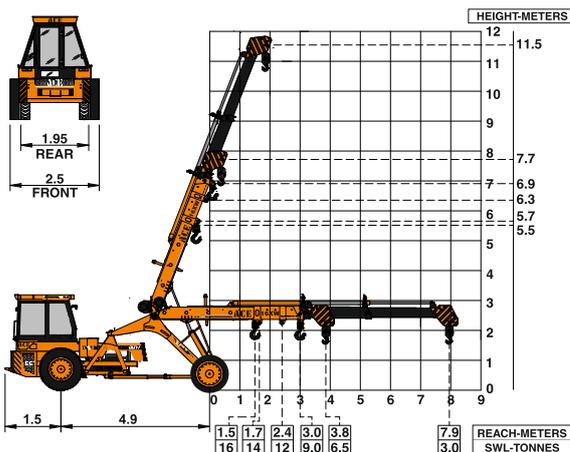


MAIN FRAME

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

ELECTRICAL SYSTEM	12V, Negative earth with 35 Amp. alternator and 100 Amp hr. battery		
TYRES	11.00 x 20 (4 Nos.) 14.00 x 25 (2 Nos.)		
SAFETY	<ul style="list-style-type: none"> ● Audio overload indication. ● Hose failure protection. ● Audio over hoisting indication ● Safety brakes on hoist. ● Cylinder guards 		<ul style="list-style-type: none"> a) Fuel level b) Low fuel c) Engine oil pressure d) Air pressure e) Low air pressure f) Parking brake g) Engine RPM h) Engine working recorder i) Coolant temperature j) Battery charging k) Regeneration switch l) Fault detector codes (p code)
STANDARD EQUIPMENT	<ul style="list-style-type: none"> ● ROPS fully enclosed wide view cabin with rotomould canopy. ● Front tyre protector. ● Front and rear work lights. ● Reflectors & rear view mirror. ● Tool kit. ● Digital cluster display indication for gauges : 		OPTIONAL EQUIPMENT <ul style="list-style-type: none"> ● Simpson 49 HP (36 kW), 4 Cylinder Diesel Engine ● Fly jib : 2.75 Mtrs., 1.25 Tonnes Capacity ● Fire Extinguisher ● 4 part boom, 3 part hydraulically actuated and 4th part power extended (19.8 Mtrs. height) ● Man basket attachment ● Over Hoist hydraulic cutoff ● Safe load indicator / LMI
		OPERATING WEIGHT	14490 Kgs.



LIFT CYLINDERS
Heavy duty lift cylinders ensure better lifting capacities.



ELECTRONIC CLUSTER
Digital Electronic Cluster with advanced features



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



AIR BRAKES
Fully air operated S CAM dual brakes on front wheels



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



BUILT TO PERFORM

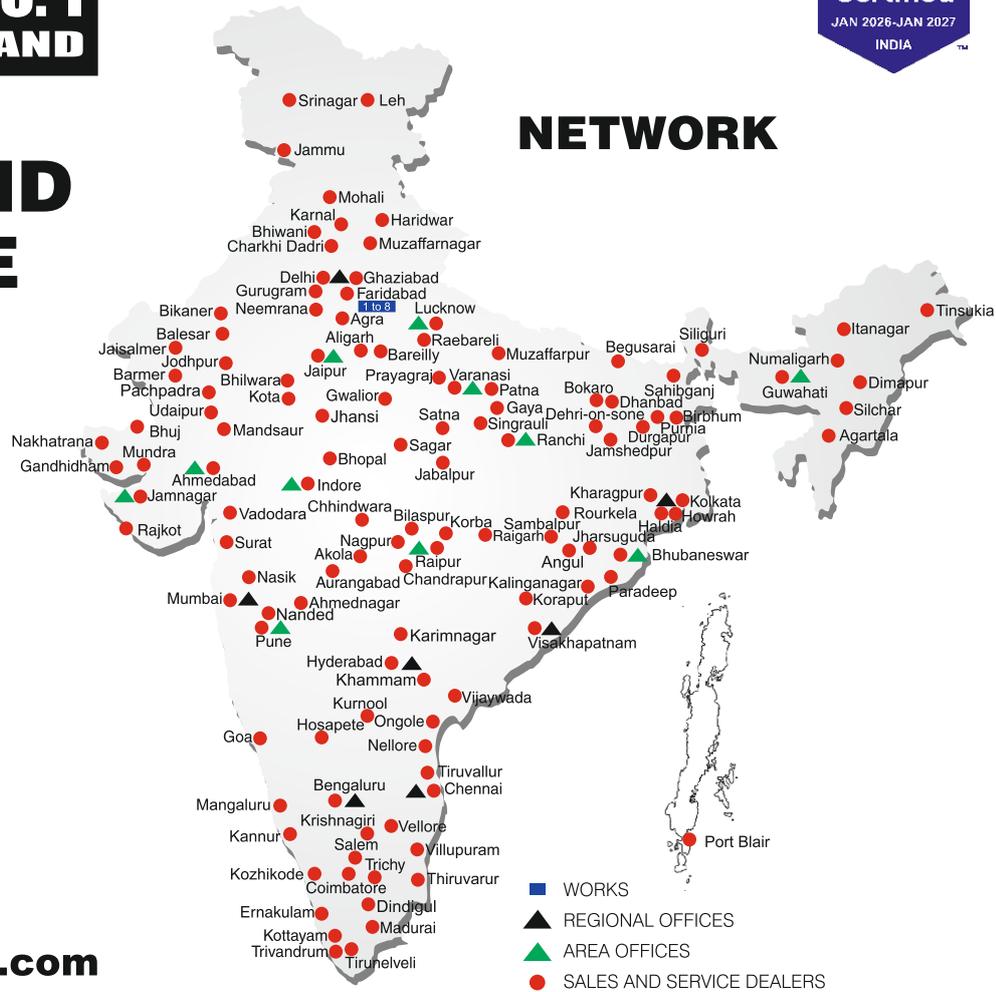


ACE INDIA'S NO. 1 CRANE BRAND

Great Place To Work®
Certified
JAN 2026-JAN 2027
INDIA

RELIABLE AND DEPENDABLE EFFICIENCY

NETWORK



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HERE TO SERVE YOU.



16XW



Product Range



ACE Live

ACE

Action Construction Equipment Ltd.

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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.