

ACE 18XW

Hydraulic Mobile Crane

18 Tonnes Capacity
Rough terrain and rugged
articulated pick n move crane.



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

Specifications

18XW

LIFTING CAPACITY (Free on wheels)	18 Tonnes
ENGINE	Simpson (CEV BSIV), 4 cylinder water cooled diesel engine Model SIV436-F23
Rated Power	74 HP (54 KW) 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
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
STEERING	Lever operated with 55° articulation on either side and turning radius of 6.5 Mtrs. (approx) on outer rear wheels

TELESCOPIC BOOM	Three part boom with hydraulically operated extensions
Telescoping Time	18 Sec.
BOOM LUFFING	
Range	-3° to + 66°
Time	20 Sec.
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.
HOIST	Winch is driven by hydraulic motor and fitted with hook block employing 6 falls of 13mm dia. Rope.
Hoist Speed	50 Mtrs./Min. (Line speed)



1 ROPS CABIN
Wide view ROPS cabin for better visibility.



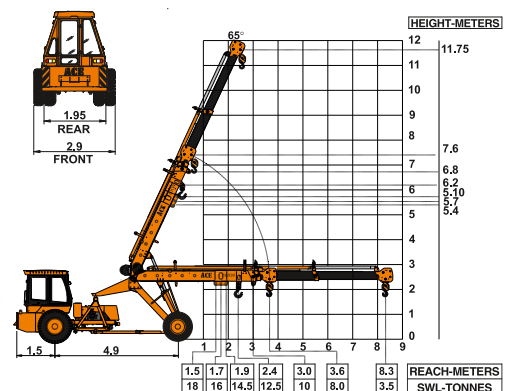
2 GROUND CLEARANCE
High ground clearance of 400mm for easier rough terrain operation.



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



ACE 18XW 3-Part Boom
(11.75 Mtrs. Height)



ALL DIMENSIONS ARE IN METRES ±5%

Specifications

18XW

ELECTRICAL SYSTEM	12V, Negative earth with 35 Amp. alternator and 100 Amp hr. battery	STANDARD EQUIPMENT	● ROPS fully enclosed wide view cabin with rotomoulded canopy.
TYRES	Front: 12.00 x 20 – 18 PR (4 Nos.) Rear: 14.00 x 25 – 20 PR (2 Nos.)		● Front tyre protector. ● 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
FLUID CAPACITIES	Engine: 9.5 Ltrs. Fuel Tank: 76.00 Ltrs. Hydraulic Tank: 125.00 Ltrs. Transmission: 48.00 Ltrs.	OPTIONAL EQUIPMENT	● Fly jib : 2.75 Mtrs., 1.25 Tonnes Capacity ● Steering Wheel in lieu of lever type steering ● Spark arrestor ● Fire Extinguisher ● 4 part boom - 20 Mtrs. height ● 5 part boom - 22 Mtrs. height ● Over Hoist hydraulic cutoff ● Safe load indicator / LMI
SAFETY	● Audio overload indication. ● Hose failure protection. ● Audio over hoisting indication ● Safety brakes on hoist. ● Cylinder guards		OPERATING WEIGHT

ACE advantages



- 4 LIFT CYLINDERS**
Heavy duty lift cylinders ensure better lifting capacities.

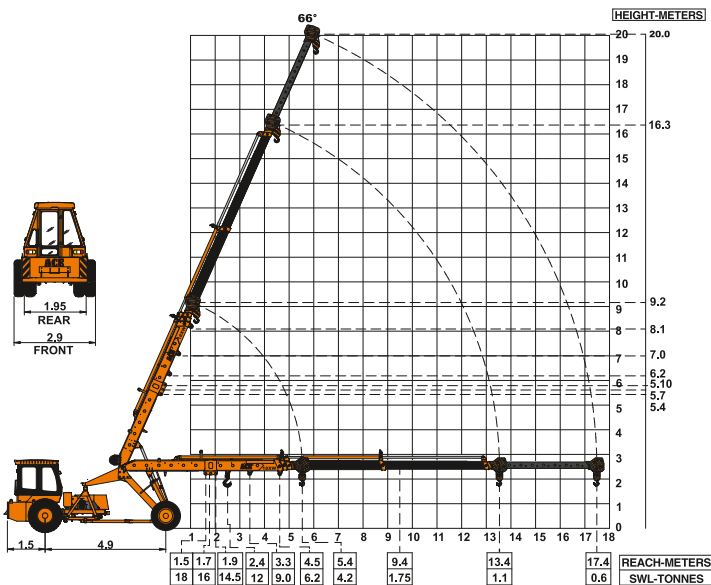


- 5 AIR BRAKES**
Fully air operated S CAM dual brakes on front wheels

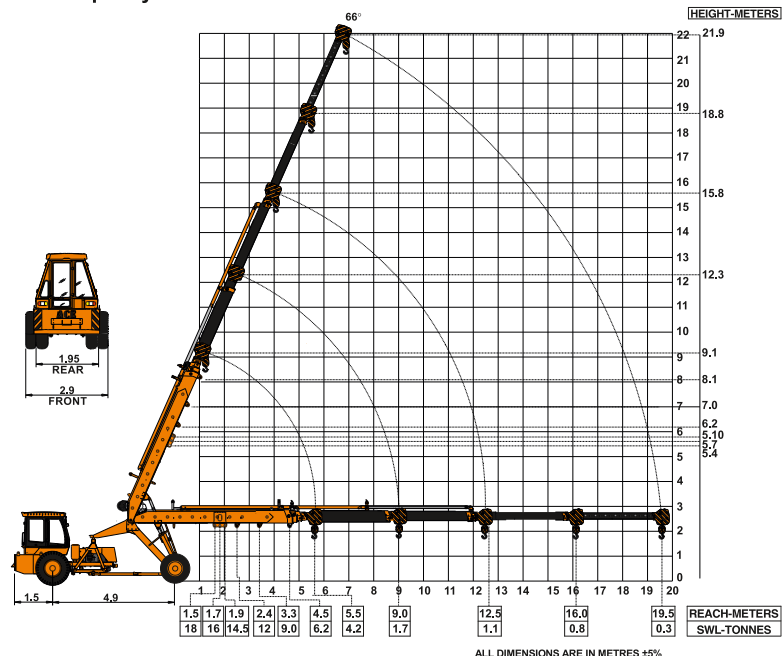


- 6 STEERING WHEEL & CONTROLS**
Steering wheel is provided as an optional feature, which along with ergonomically placed operator console and instrument cluster ensures ease of operation.

ACE 18XW 4-Part Boom (20 Mtrs. Height)
Max. Capacity Manual Extension : 2 Tonnes



ACE 18XW 5-Part Boom (22 Mtrs. Height)
Max. Capacity Manual Extension : 2 Tonnes

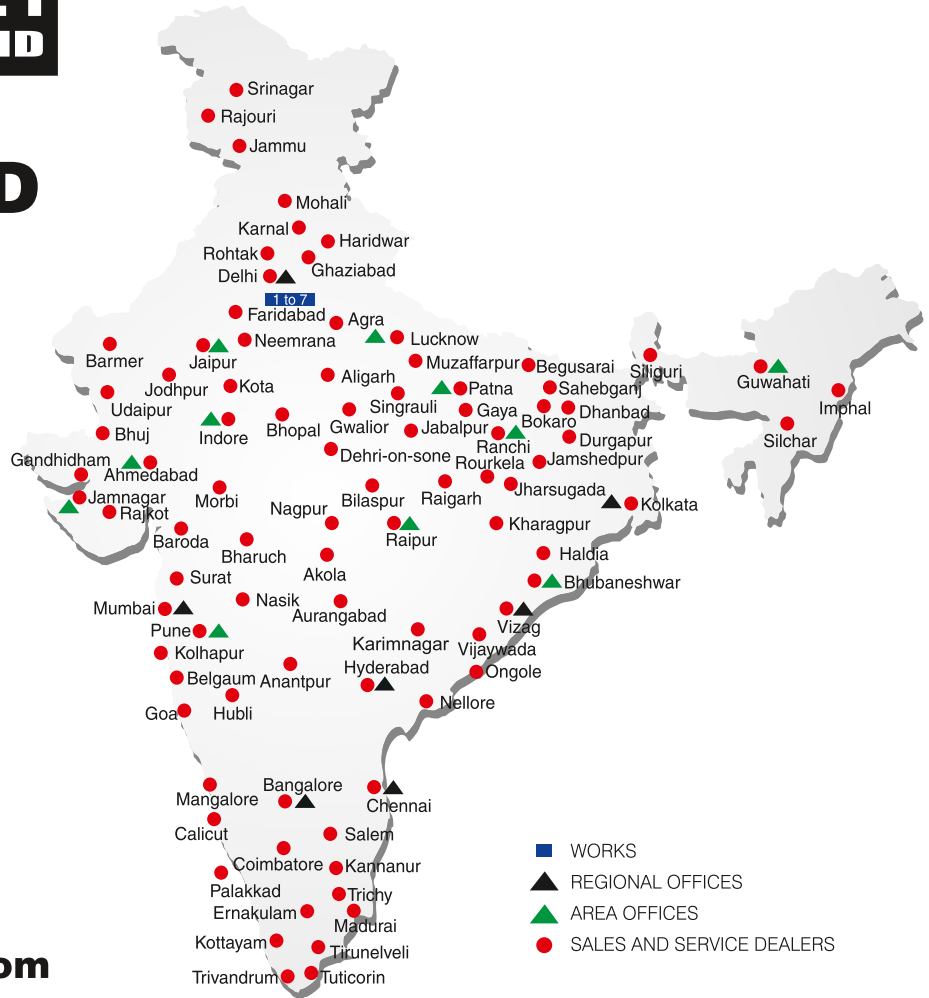


BUILT TO PERFORM



**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



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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.