

ACE 20XW

Hydraulic Mobile Crane

20 Tonnes Capacity
Rough terrain and rugged
articulated pick n move 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
- Wide Front Axle



Specifications

20XW

LIFTING CAPACITY (Free on wheels)	20 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
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.
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.
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)
TYRES	
Front	12.00 x 20 – 18 PR (4 Nos.)
Rear	14.00 x 25 – 20 PR (2 Nos.)
ELECTRICAL SYSTEM	12V, Negative earth with 35 Amp. alternator and 100 Amp hr. battery

FLUID CAPACITIES

Engine	9.5 Ltrs.
Fuel Tank	76.00 Ltrs
Hydraulic Tank	125.00 Ltrs.
Transmission	48.00 Ltrs.

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.
- 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

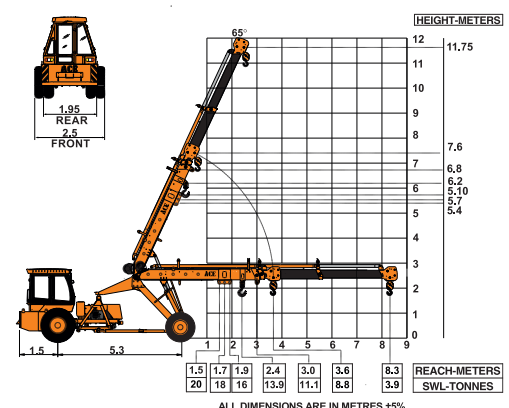
OPTIONAL EQUIPMENT

- 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

OPERATING WEIGHT

15970 Kgs.

**ACE 20XW 3-Part Boom
(11.75 Mtrs. Height)**



Specifications

20XW



- 1 ROPS CABIN**
Wide view ROPS cabin for better visibility.



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



- 3 INCREASED VISIBILITY**
Bigger size front windscreen and re-routing of hoses provide much better front visibility.



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



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

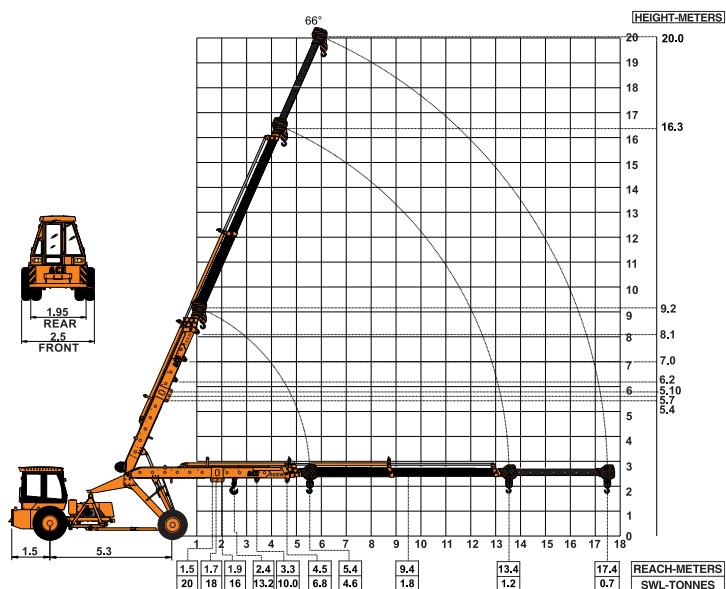


- 6 AIR BRAKES**
Fully air operated S CAM dual brakes on front wheels

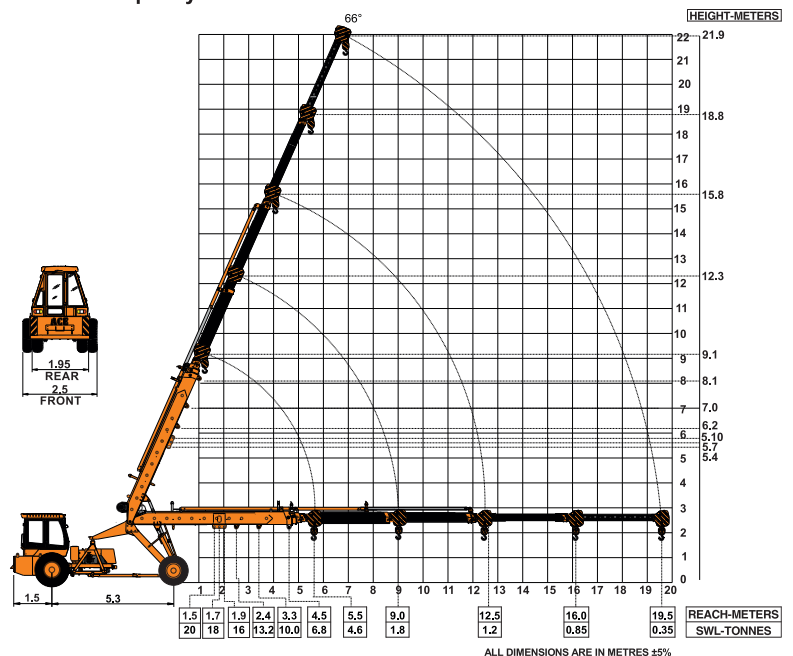


- 7 STEERING WHEEL & CONTROLS**
Steering wheel is provided as an optional feature, which along with ergonomically placed operator console and instrument cluster ensures ease of operation.

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



ACE 20XW 5-Part Boom (22 Mtrs. Height)
Max. Capacity Manual Extension : 2 Tonnes



BUILT TO PERFORM

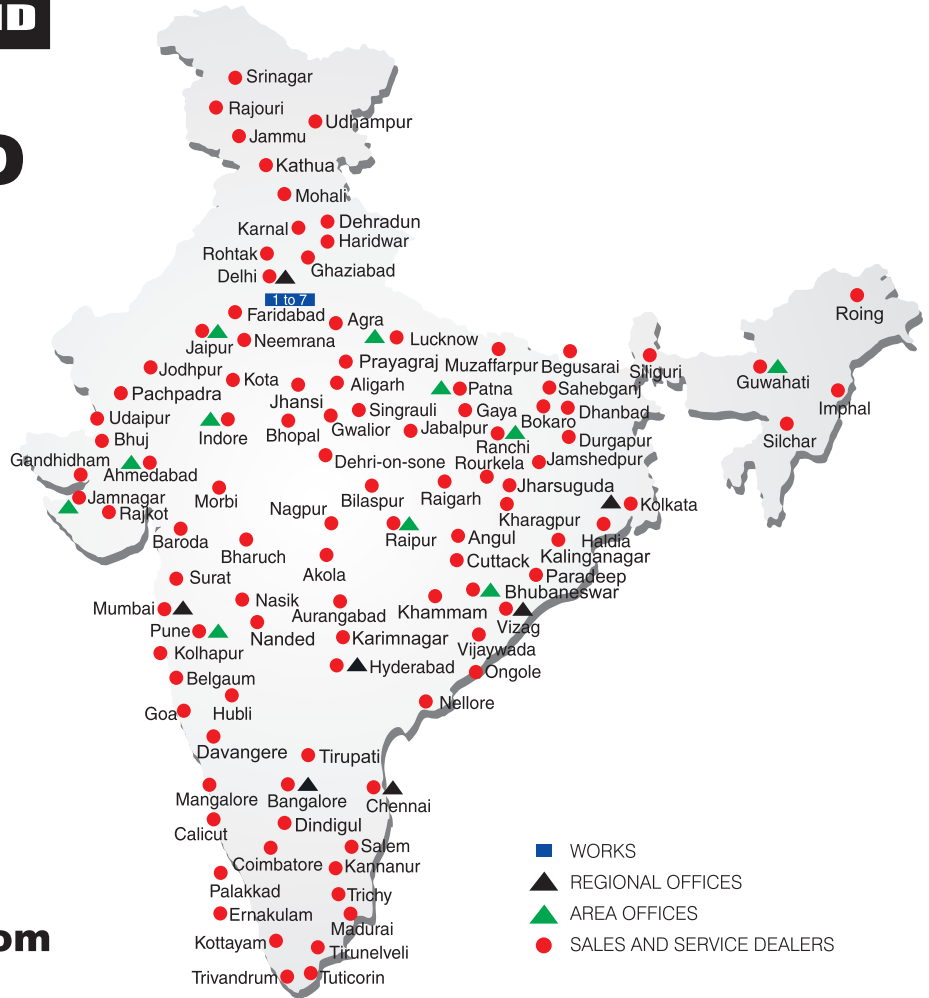


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CRANE BRAND**

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