

ACE 20XW

Hydraulic Mobile Crane

20 Tonnes Capacity
Rough Terrain and Rugged
Articulated Pick n Carry Crane.

ACE INDIA'S NO. 1
CRANE BRAND

CEV
STAGE V



- 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	Tata Motors, (CEV V), 4 Cylinder Water Cooled Diesel Engine, Model 497 TC 59
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
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	3 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 13 mm 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.
- Digital Cluster with display indications for:
 - 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)

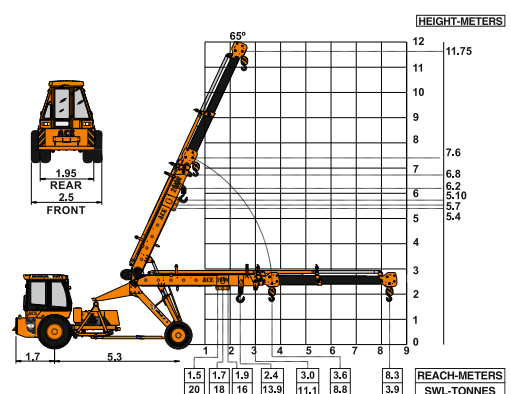
OPTIONAL EQUIPMENT

- Fly Jib : 2.75 mtrs., 1.25 Tonnes capacity
- Fire Extinguisher
- 4 Part Boom - 20 mtrs. height
- 5 Part Boom - 24.6 mtrs. height
- Over Hoist Hydraulic Cutoff
- Safe Load Indicator / LMI
- Man Carrying Basket

OPERATING WEIGHT

15970 Kgs.

ACE 20XW 3-Part Boom (11.75 mtrs. height)



Specifications

20XW



ROPS CABIN
Wide view ROPS cabin for better visibility.



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



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



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



ELECTRONIC CLUSTER
Digital Electronic Cluster with advanced features.



LIFT CYLINDERS
Heavy duty lift cylinders ensure better lifting capacities.

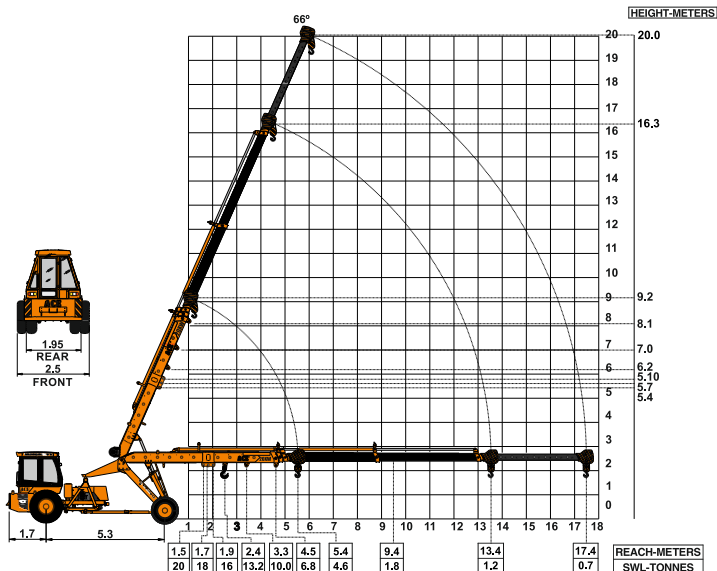


MAIN FRAME
Heavy duty & robust construction.

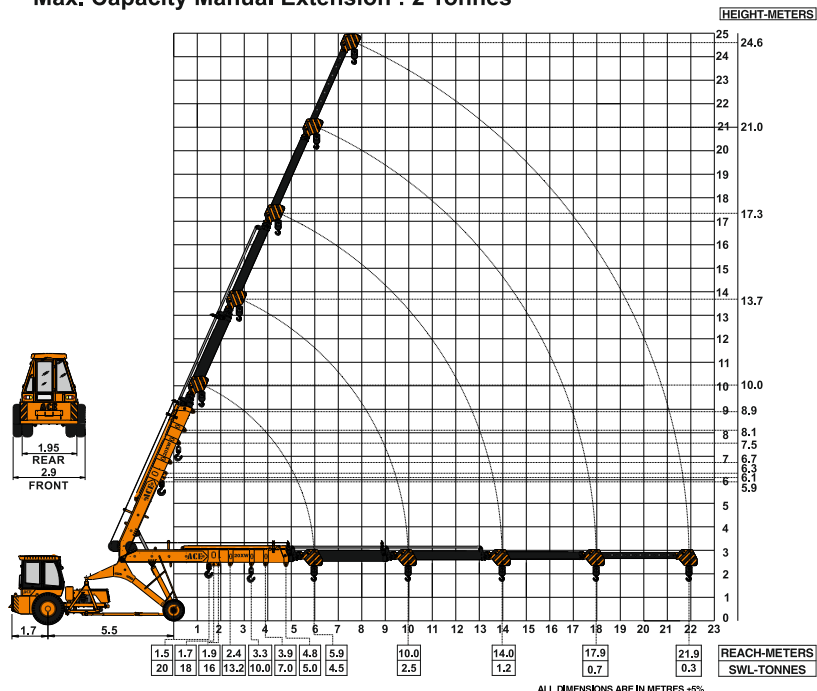


AIR BRAKES
Fully air operated S CAM dual brakes on front wheels

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



ACE 20XW 5-Part Boom (24.6 mtrs. height)
Max. Capacity Manual Extension : 2 Tonnes



BUILT TO PERFORM

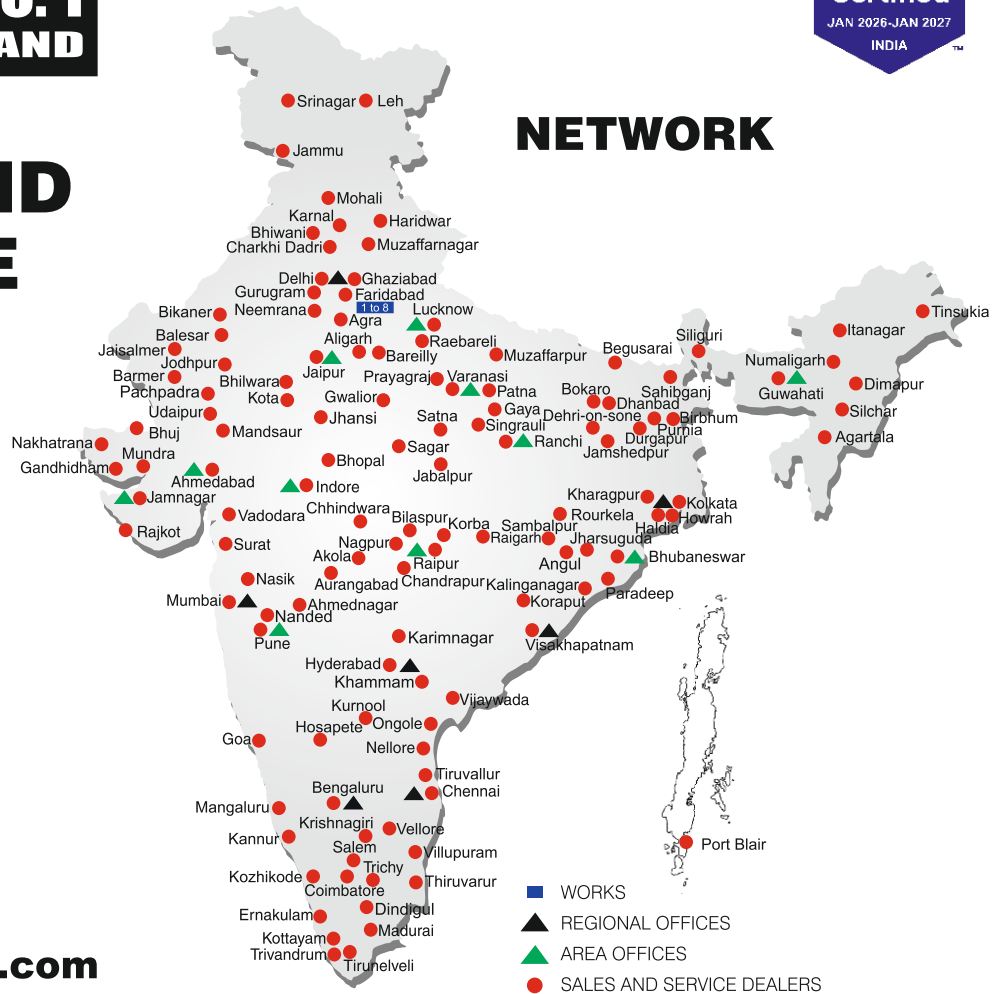


ACE INDIA'S NO. 1
CRANE BRAND

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

**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



Toll Free Help Line
1800 1800 004

www.ace-cranes.com

MARKETING H.Q.

4th Floor, Pinnacle
Surajkund, NCR-121009
Ph.: +91-129-4550000
E-mail: marketing@ace-cranes.com

REGISTERED OFFICE

Dudhola Link Road, Dudhola
Palwal-121102, Haryana
Ph.: +91-1275-280111
CIN : L74899HR1995PLC053860

MUMBAI OFFICE

31, "Kalpataru Court"
Chembur, Mumbai - 400074
Ph.: +91-22-25206846, 25207070
E-mail: acemumbai@ace-cranes.com

KOLKATA OFFICE

84A, AJC Bose Road, Fomra Tower -
2nd Floor, Kolkata-700014
Ph.: +91-9038070630
E-mail: acekolkata@ace-cranes.com

CHENNAI OFFICE

1st Floor, "Alsa Regency", 165
Eldams Road, Alwar Pet
Chennai - 600018
Ph.: +91-44-24314253
E-mail: acechennai@ace-cranes.com

HERE TO SERVE YOU.



20XW



Product Range



ACE Live

ACE

Action Construction Equipment Ltd.

Follow us on



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.