

100%
Swadeshi

ACE 14XW

Hydraulic Mobile Crane

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

- Best in Class Stability
- Better Creep Speed
- Heavy Duty and Robust Construction
- Ergonomically Designed Cabin

ACE INDIA'S NO. 1
CRANE BRAND

CEV
STAGE V

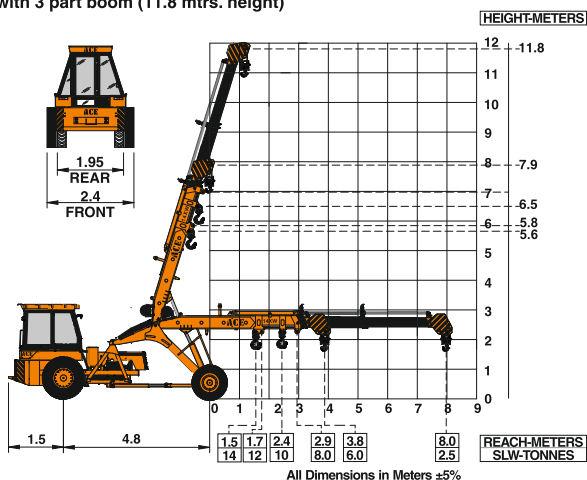


Specifications

14XW

LIFTING CAPACITY (Free on wheels)	14 Tonnes
ENGINE	Simpson CEV V, 4 Cylinder, Water Cooled Diesel Engine Model SJV 435-F26
Rated Power	49 HP (36 kW) at 2200 RPM
TRANSMISSION	Heavy duty with 8 forward and 2 reverse speeds and high low range selector.
Clutch	Heavy duty, single, dry friction, cerametallic clutch plate with diaphragm type pressure plate.
Top Speed	28 KMPH without load.
HYDRAULIC SYSTEM	● Gear/Intra vane type main pump. ● Four spools control 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 one double acting extension cylinder.
POWER STEERING	Articulation through two hydraulic cylinders with 55° articulation on either side and turning radius of 6.5 mtrs. (approx) on outer rear wheels.
BRAKES	Pneumatically assisted hydraulic brakes. Front and Rear Brakes are actuated through a single pedal. Parking brake is Provided.
TELESCOPIC BOOM	3 part boom with hydraulically operated extensions (11.8 mtrs. height)
Telescoping Time	14 Seconds.
BOOM LUFFING Time	20 ± 3 Seconds.

ACE 14 XW Model Crane fitted
with 3 part boom (11.8 mtrs. height)



NOTE: • All above specifications are pertaining to 14XW model fitted with 3 part boom
• Rated loads are on the basis of operation on firm and level surface.

HOIST

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

Hoist Speed

50 mtrs./min. (Line speed)

FLUID CAPACITIES

Engine

8.00 Ltrs.

Fuel Tank

45.00 Ltrs.

Hydraulic Tank

125.00 Ltrs.

Transmission

48.00 Ltrs.

ELECTRICAL SYSTEM

12V. Negative earth with 35 Amp.
alternator and 100 AH hr. battery.

TYRES

Front

11.00 x 20 - 16 PR (4 Nos.)

Rear

13.00 x 24 - 12 PR (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.
- Front and Rear Work Lights.
- Reflectors & Rear View Mirror.
- Tool Kit.
- Digital Cluster with Display Indications
for Guages :
 - Fuel Level
 - Low Fuel
 - Engine Oil Pressure
 - Air Pressure
 - Low Air Pressure
 - Parking Brake
 - Engine RPM
 - Engine Working Recorder
 - Coolant Temperature
 - Battery Charging
 - Regeneration Switch
 - Fault Detector Codes (P code)

OPTIONAL EQUIPMENT

- Fly Jib. (1.25 Tonnes max. capacity)
- Steering Wheel
- Air Brakes
- Fire Extinguisher
- 3 Part Slotted Boom with self adjusting
Hook Block (fully hydraulic-12.9 mtrs.
height)
- 4 Part Slotted Boom with self adjusting
Hook Block (one manual extension-
15.5 mtrs. height)
- 4 Part Boom - 3 Part fully hydraulic &
4th Part power extended (16.30 and
17.40 mtrs.)
- Over Hoisting Hydraulic Cutoff
- Safe Load Indicator
- City type double driving cabin
- 14.00 x 25 Rear Tyres

OPERATING WEIGHT

11700 kgs.

ACE



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.



TRAVEL SPEED

Travel speed of 28 KMPH provides faster inter-site movements.



ROPS CABIN

Wide view ROPS cabin with better visibility.



ELECTRONIC CLUSTER

Digital Electronic Cluster with advanced features.



MAIN FRAME

Heavy duty & robust construction.



SELF ADJUSTING HOOK BLOCK (Optional)

Provides for safe boom extension and prevents damage of wire rope.



STEERING CYLINDERS

700 mm stroke cylinders ensure proper steering even in loose, sandy & rocky terrains.



LIFT CYLINDERS

Heavy duty spaced out lift cylinders ensure better stability



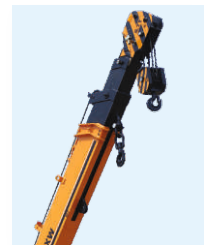
INCREASED VISIBILITY

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



GROUND CLEARANCE

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

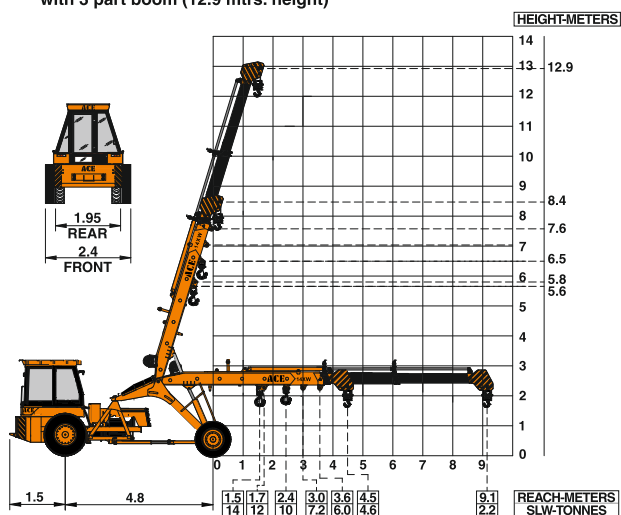


SLOTTED BOOM

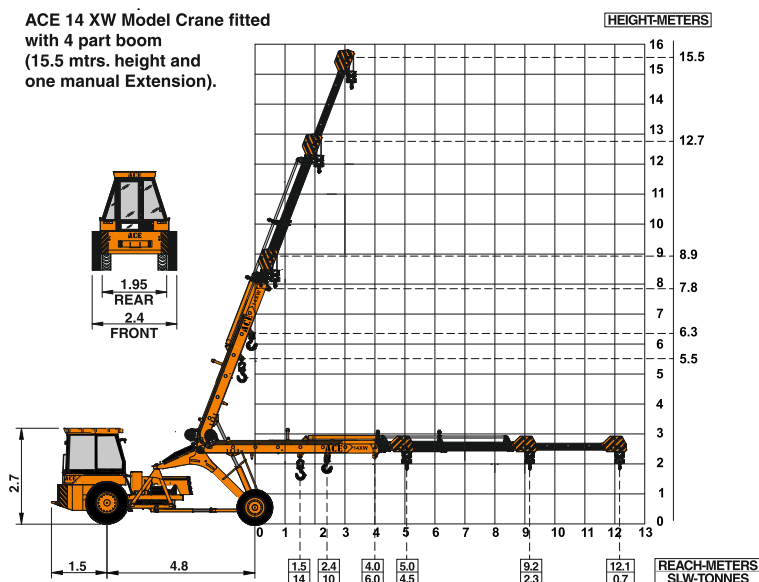
For easier load positioning (Optional)

ACE 14 XW Model Crane fitted with 3 part boom (12.9 mtrs. height)

ACE 14 XW Model Crane fitted with 4 part boom (15.5 mtrs. height and one manual Extension).



All Dimensions in Meters ±5%



All Dimensions in Meters ±5%



JAN 2026-JAN 2027

INDIA

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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.