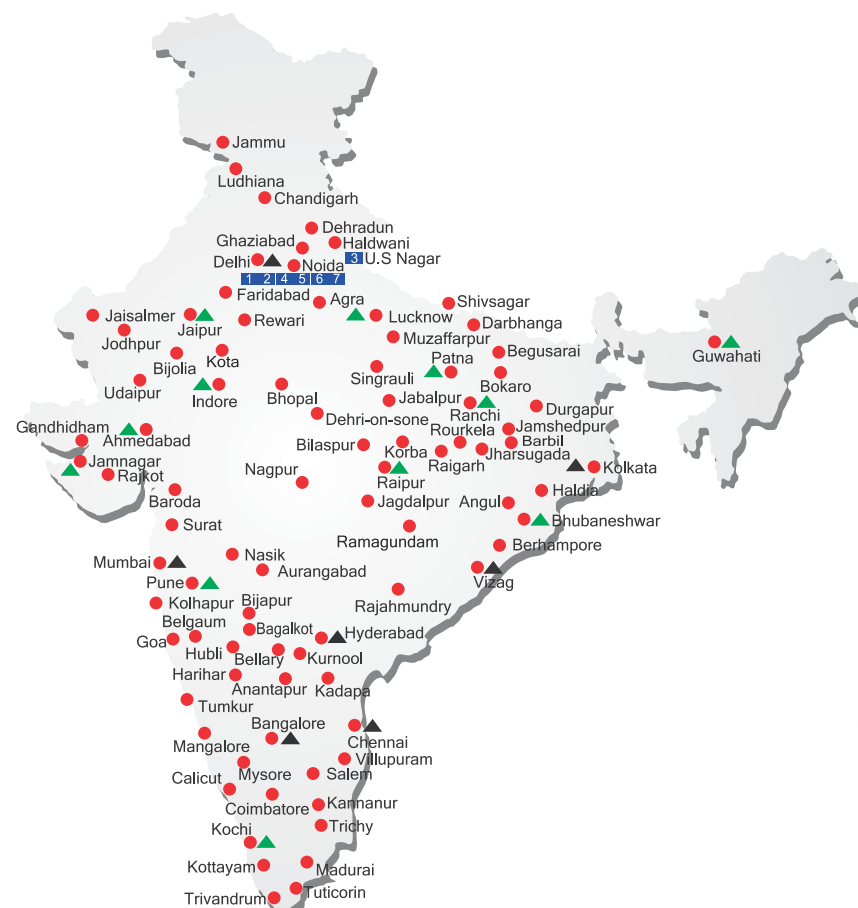


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Contact:



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.



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ACE

Rhino 1100C

Hydraulic Mobile Crane

Rough terrain and rugged articulated pick n move crane

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MOBILE & TOWER CRANE CO.



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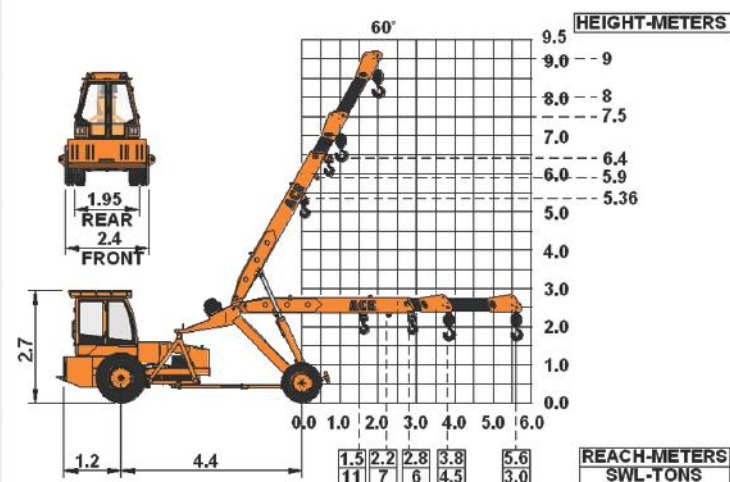


Specifications

Rhino 110 C

LIFTING CAPACITY (Free on wheels)	11 Tonnes
ENGINE	Simpson's S433(I) F1 (CEV BS-III), 4 cylinder, water cooled diesel engine OR suitable equivalent engine
Rated Power	48 BHP (36KW) at 2200 RPM
TRANSMISSION	Sliding mesh with 6 forward and 2 reverse speeds and high low range selector.
Clutch	Single, dry friction clutch plate.
Top Speed	29 KMPH without load.
STEERING	Hydraulically operated with 55° articulation on either side and turning radius of 5.5 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.
HYDRAULIC SYSTEM	● Gear/Intra vane type main pump. ● Four spools control valve. ● 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.
TELESCOPIC BOOM	Two part boom with hydraulically operated extension of 1800 mm stroke.
Telescoping Time	10 Seconds.
BOOM LUFFING	
Range	-5° to + 60°
Time	20 Seconds.
HOIST	Winch is driven by hydraulic motor employing 4 falls of 13 mm dia rope.
Hoist Speed	50 Mtrs./Min. (Line speed)
ELECTRICAL SYSTEM	12V. Negative earth with 35 Amp. alternator and 75 Amp hr. battery.
TYRES	
Front	11.00 x 20 - 16PR (4 Nos.)
Rear	13.00 x 24 - 12PR (2 Nos.)
FLUID CAPACITIES	
Air Cleaner	0.75 Ltrs.
Engine	8.00 Ltrs.
Fuel Tank	45.00 Ltrs.
Hydraulic Tank	100.00 Ltrs.
Transmission	37.00 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. ● Front tyre protector. ● Front and rear work lights. ● Reflectors. ● Tool kit. ● Gauges :- a) Water Temperature. b) Engine oil pressure. c) RPM meter cum hour recorder
OPTIONAL EQUIPMENT	● Fly jib. ● Steering wheel. ● Slotted boom. ● Spark arrester. ● Over hoisting hydraulic cut off. ● Safe load indicator / LMI. ● City type double driving cabin. ● Front mounted cabin.
VARIANT MODELS	● Rhino 110 (2300mm extension stroke). ● Rhino 110 T (without winch).
OPERATING WEIGHT	8150 kgs.



1

CONTROL PANEL
Well laid out and ergonomically placed
controls and instrument cluster ensure
ease of operation.



4

TRAVEL SPEED
Travel speed of 29 kmph provides
faster intersite movements.

2

ROPS CABIN
Wide view ROPS cabin with curved
windscreen for better visibility.



3

LIFTING HEIGHT
Higher lifting height of 9 mtrs.



5

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



6

MAIN FRAME
Heavy duty & robust construction.



7

LIFTING CAPACITY
Higher lifting capacity of 11 Tonne.



8

TURNING RADIUS
Lower turning radius of 5.5 mtrs.
facilitates better maneuverability and
movement in confined spaces.



9

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



10

FULL LENGTH CHASSIS
Provides better support to the power
train leading to increased stability.



Series 110 C