

ACE

Rhino 110C

Hydraulic Mobile Crane

Rough terrain and rugged
articulated pick n move crane

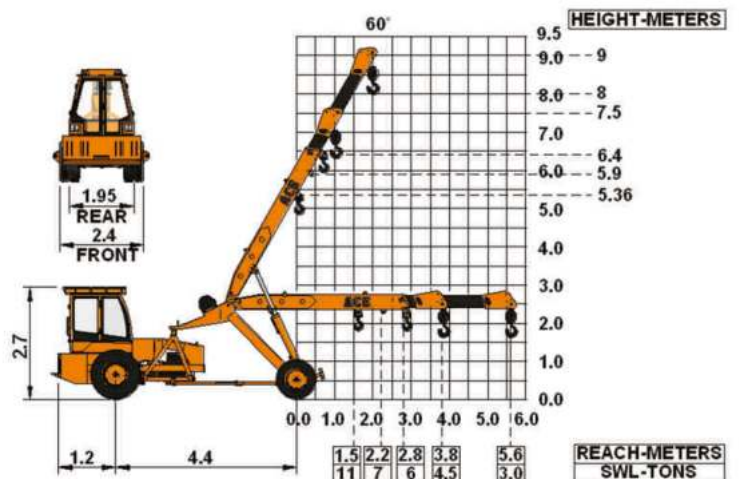


Specifications

Rhino 110 C

LIFTING CAPACITY (Free on wheels)	11 Tonnes
ENGINE	Mahindra 4485 IAE (BS III CEV) 4 cylinder, water cooled diesel engine OR suitable equivalent engine
Rated Power	47.5 HP (34.9 KW) 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	<ul style="list-style-type: none"> ● 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 slotted 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	48.00 Ltrs.

SAFETY	<ul style="list-style-type: none"> ● Audio overload indication. ● Hose failure protection. ● Audio over hoisting indication. ● Safety brakes on hoist. ● Cylinder guards.
STANDARD EQUIPMENT	<ul style="list-style-type: none"> ● ROPS fully enclosed wide view cabin. ● Front tyre protector. ● Front and rear work lights. ● Reflectors. ● Tool kit. ● Gauges :- <ul style="list-style-type: none"> a) Water Temperature. b) Engine oil pressure. c) RPM meter cum hour recorder d) Air Pressure
OPTIONAL EQUIPMENT	<ul style="list-style-type: none"> ● Fly jib. (1.25 tonnes max. capacity) ● Steering wheel. ● Slotted boom. ● Spark arrester. ● Over hoisting hydraulic cut off. ● Safe load indicator / LMI. ● City type double driving cabin.
VARIANT MODELS	<ul style="list-style-type: none"> ● Rhino 110 (2300mm extension stroke). ● Rhino 110 T (without winch).
OPERATING WEIGHT	8150 kgs.



ACE



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



- ② **LIFTING HEIGHT**
Higher lifting height of 9 mtrs.



- ③ **TRAVEL SPEED**
Travel speed of 29 kmph provides faster intersite movements.



100%
Swadeshi



- ④ **GROUND CLEARANCE**
High ground clearance of 400mm for easier rough terrain operation.



- ⑤ **MAIN FRAME**
Heavy duty & robust construction.



- ⑥ **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.

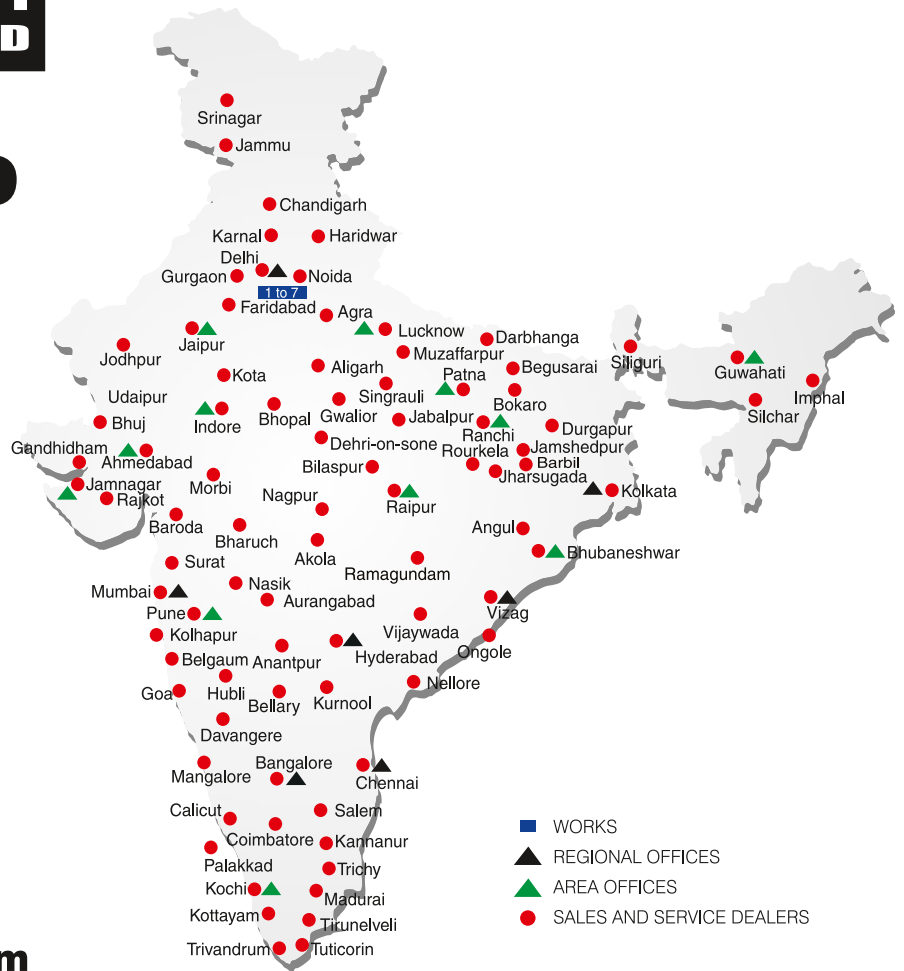
ACE advantages

BUILT TO PERFORM



**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



**Toll Free Help Line
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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.