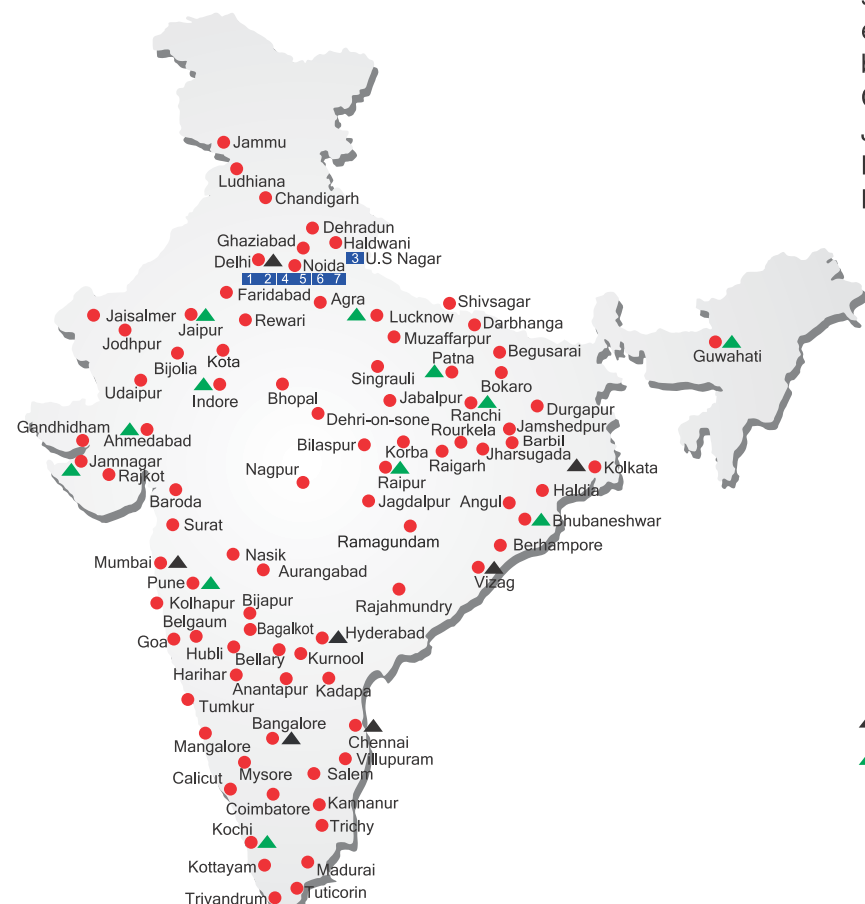


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ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by ± 5%. Accessories if shown are not part of the Standard Equipment.

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Rhino90C

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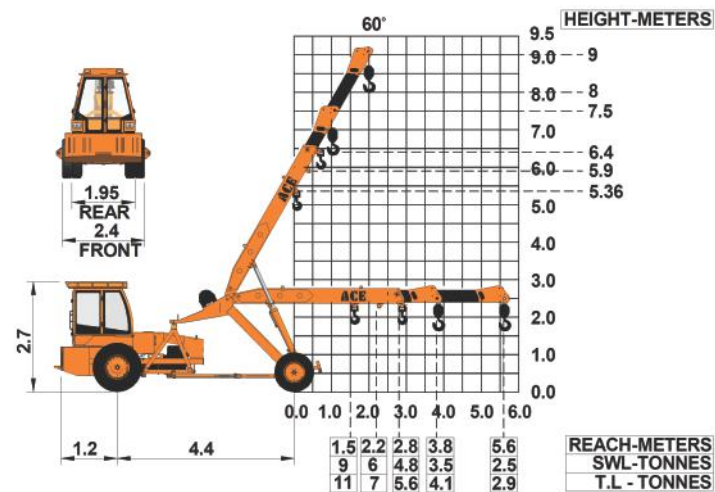


Specifications

Rhino 90 C

LIFTING CAPACITY (Free on wheels)	9 Tonnes - SWL 11 Tonnes - TL
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.
HYDRAULIC SYSTEM	<ul style="list-style-type: none">● Gear/Intra vane type main pump.● Four spool 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.
BRAKES	Pneumatically assisted hydraulic brakes. Front and rear brakes are actuated through a single pedal. Parking brake is Provided.
STEERING	Hydraulically operated with 55° articulation on either side and turning radius of 5.5 Mtrs. (approx) on outer rear wheels.
ELECTRICAL SYSTEM	12V. Negative earth with 35 Amp. alternator and 75 Amp hr. battery.
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	
Hoist Speed	Winch is driven by hydraulic motor employing 4 falls of 13 mm dia rope. 50 Mtrs./Min. (Line speed)
TYRES	
Front	10.00 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.

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
SAFETY	<ul style="list-style-type: none">● Audio overload indication.● Hose failure protection.● Audio over hoisting indication.● Safety brakes on hoist.● Cylinder guards.
OPTIONAL EQUIPMENT	<ul style="list-style-type: none">● Fly jib.● Steering wheel.● Slotted boom.● Spark arrester.● Over hoisting hydraulic cut off.● Safe load indicator / LMI.
VARIANT MODELS	<ul style="list-style-type: none">● Rhino 90 (2300mm extension stroke)● Rhino 90 T (without winch).
OPERATING WEIGHT	7750 kgs.



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



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



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



- 7 LIFTING CAPACITY**
Higher lifting capacity of 9 Tonne SWL/ 11 Tonne TL.



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



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



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



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



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



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

Advantages

ACE