

LIFTING CAPACITY (Free on wheels)	11 Tonnes
ENGINE	SIMPSON'S S433, 4 cylinder, water cooled diesel engine.
Rated Power	49 BHP (36.5 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	28 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"> ● 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	24 Mtrs./Min. (Line speed)
ELECTRICAL SYSTEM	12V. Negative earth with 35 Amp. alternator and 88 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	65.00 Ltrs.
Hydraulic Tank	100.00 Ltrs.
Transmission	38.00 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) Ammeter. d) RPM meter cum hour recorder
OPTIONAL EQUIPMENT	<ul style="list-style-type: none"> ● Fly jib. ● Hydrostatic steering. ● Magnet attachment. ● Spark arrester. ● Hydraulic grab attachment. ● Slotted boom ● City type double driving cabin
VARIANT MODELS	<ul style="list-style-type: none"> ● Rhino 110 (2300mm extension stroke + planetary winch). ● Rhino 110 T (without winch).
OPERATING WEIGHT	8600 kgs.

