

LIFTING CAPACITY (Free on wheels)	12 Tonnes	ELECTRICAL SYSTEM	12V. Negative earth with 35 Amp. alternator and 88 Amp hr. battery.
ENGINE	SIMPSON'S S433, 4 cylinder, water cooled diesel engine or suitable engine.	TELESCOPIC BOOM	Two part boom with hydraulically operated extension of 2300 mm stroke.
Rated Power	59 BHP (44 kw) at 2300 RPM.	Telescoping Time	13 Seconds.
TRANSMISSION	Heavy duty, sliding mesh with 6/8 forward and 2 reverse speeds with high low range selector.	BOOM LUFFING	
Clutch	Heavy duty, single, dry friction, wire woven clutch plate with diaphragm type pressure plate.	Range	-5° to +60°
Top Speed	28 KMPH without load.	Time	21 Seconds.
STEERING	Hydraulically operated with 55° articulation on either side and turning radius of 6.5 Mtrs. (approx) on outer rear wheels.	HOIST	Winch is driven by hydraulic motor employing 4 falls of 13 mm dia rope.
BRAKES	Pneumatically assisted hydraulic brakes. Front and rear brakes are actuated through a single pedal. Parking brake is Provided.	Hoist Speed	50 Mtrs./Min. (Line speed)
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. 	TYRES	Front 11.00 x 20 - 16 PR (4 Nos.) Rear 13.00 x 24 - 12 PR (2 Nos.)
		SAFETY	<ul style="list-style-type: none"> ● Audio overload indication. ● Hose failure protection. ● Audio over hoisting indication. ● Safety brakes on hoist. ● Cylinder guards.
		FLUID CAPACITIES	
		Air Cleaner	0.75 Ltrs.
		Engine	8.00 Ltrs.
		Fuel Tank	65.00 Ltrs.
		Hydraulic Tank	125.00 Ltrs.
		Transmission	38.00 Ltrs.
		STANDARD EQUIPMENT	<ul style="list-style-type: none"> ● ROPS fully enclosed wide view cabin with rotomould canopy. ● Front tyre protector. ● Front and rear work lights. ● Reflectors & rear view mirror. ● 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 - 2.75 Mtrs. box section type with rope travel attachment. ● Fly jib - 4 Mtrs. lattice type. ● Hydrostatic steering. ● Magnet attachment. ● Spark arrester. ● Heavy Duty 14.00 x 25 rear tyres ● Hydraulic extension of 3000mm stroke. ● 3 part boom with 2 hydraulic extensions.
		OPERATING WEIGHT	9800 kgs.

