

AN ISO 9001:2015 COMPANY



SCE-12

HYDRAULIC MOBILE CRANE

SCE-12 T - 36', 42'



12T 36FT Pick & Carry Crane

Heavy duty front bumper

Low Maintenance Service Cost

Rugged Structure

Efficient in Fuel



SPECIFICATIONS

RATED CAPACITY (Free on Wheel)	12 Tons 36FT.	STEERING	TYRES
ENGINE	Simpson, Four Cylinder, Water Cooler Diesel Engine Rated power for crane 49 BHP @ 2200 RPM (max continuous engine rating 58.3 @ 2300 RPM)	Type	2 double acting steering with articulated hydraulically Rams
TRANSMISSION	Heavy duty, sliding Mesh developed specially for crane application. 4 forward and 2 reverse speeds with high & low selector lever.	Articulation	58° articulation through 2 hydraulic cylinders on either side and turning radius of 13Mtrs. (approx) on outer edge of rear wheels.
Clutch	Heavy duty, single, dry friction, wire woven clutch plate especially designed for crane application.	Turning Radius	Minimum 13mtrs (approx) on outer edge to rear wheels
Top Speed	26 KMPH without load.	BRAKES	Pneumatically operated dual circuit Air brakes.
HYDRAULIC SYSTEM		Front Wheel	Pneumatically operated at rear wheels.
Pump	Vane hydraulic pump. (Velgon)	Rear Wheel	Parking
Control Valve	Precision Control & 4 Spool Valve with pressure relief valve.	HOIST MECHANISM	Parking Break is pneumatically operated.
Hydraulic Filter	Suction line has a 100 mesh inline strainer while line has 25 micron full flow filter.	HOIST	4 Falls wire rope with, small drum SAI winch. Rope dia 13mm.
BOOM	36ft (10.90mtr.)	CAPACITIES	
Telescoping	3 Part, 1st & 2nd parts are actuated by hydraulic cylinders. Open double acting hydraulic cylinders.	Air Cleaner	1.00 Ltr.
Derricking		Engine	10.00 Ltrs.
		Fuel Tank	60.00 Ltrs.
		Hydraulic Tank	140.00 Ltrs.
		Transmission	48.00 Ltrs.
		ELECTRICAL SYSTEM	12V (88 AH) Single Battery Negative Earth.
			STANDARD EQUIPMENT
			Ropes Full enclosed with view cabin with rotomould canopy. Cabin Fan. Mobile Charger. Front And Rear Work Lights. Reflectors Tape & Rear View Mirror Tool Box With Tool Kit. Gauges Cluster Meter:-
			A) Water temperature. B) Engine oil Pressure. C) Amp. Meter. D) RPM Meter cum hour Recorder E) Air Pressure.
			OPTIONAL EQUIPMENT
			<ul style="list-style-type: none"> • Fly Jib (1.0 Tones Max. Capacity. • Safe load indicator • Helper Seat/ Slinger Seat • Slotted boom. • Fully hydraulic 10.90mtrs. Height • Over hoisting hydraulic cutoff Safe load indicator.