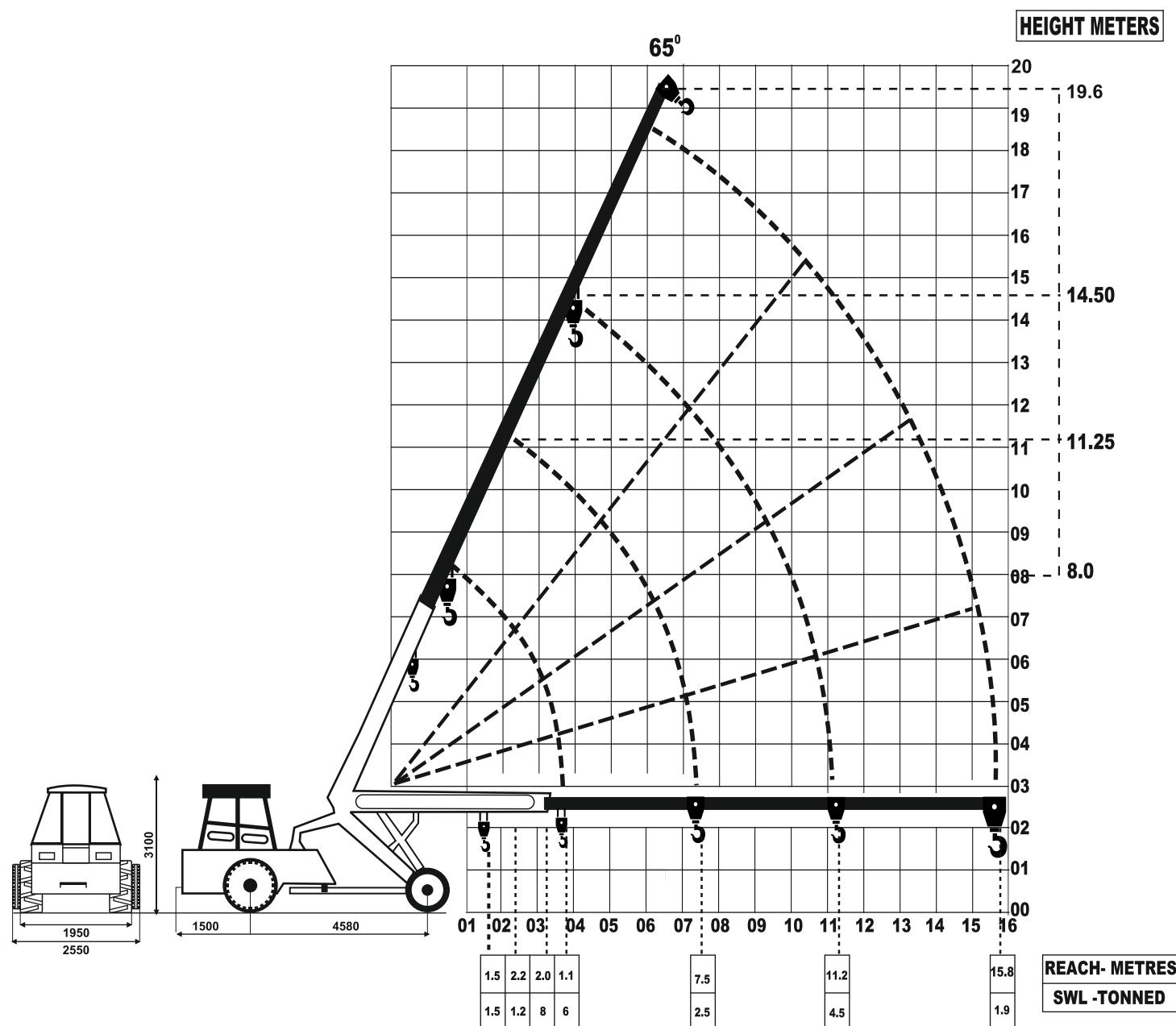


**SCE-15T 65FT****HYDRAULIC MOBILE CRANE****SCE Load Chart**

**SCE-15**  
HYDRAULIC MOBILE CRANE



15T 65FT Pick & Carry Crane  
Front Safety Jack with Head Lights  
Low Maintenance Service Cost  
Rugged Structure  
Efficient in Fuel

**SHAKTTI CONSTRUCTIONS EQUIPMENT PVT. LTD.**

- PLOT NO-175,VILLAGE BHAKHRI, BADKHAL-PALI ROAD, FARIDABAD -121001 (HARYANA)
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### SPECIFICATIONS

<b>RATED CAPACITY</b> (Free on Wheel)	15 Tons 65FT.
<b>ENGINE</b>	Simpson, Four Cylinder, Water Cooler Diesel Engine Rated power for crane 49 BHP @ 2200 RPM (max continuous engine rating 58.3 @ 2300 RPM)
<b>TRANSMISSION</b>	Heavy duty, sliding Mesh developed specially for crane application. 4 forward and 2 reverse speeds with high & low selector lever.
Clutch	Heavy duty, single, dry friction, wire woven clutch plate especially designed for crane application.
Top Speed	26 KMPH without load.
<b>HYDRAULIC SYSTEM</b>	
Pump	Vane hydraulic pump.
Control Valve	Precision Control & 6 Spool Valve with pressure relief valve.
Hydraulic Filter	Suction line has a 100 mesh inline strainer while line has 25 micron full flow filter.
<b>STEERING</b>	
Type	2 double acting steering with articulated hydraulically Rams
Articulation	58° articulation through 2 hydraulic cylinders on either side and turning radius of 13Mtrs. (approx) on outer edge of rear wheels.
Turning Radius	Minimum 13mtrs (approx) on outer edge to rear wheels
<b>BRAKES</b>	
Front Wheel	Pneumatically operated dual circuit Air brakes.
Rear Wheel	Pneumatically operated at rear wheels.
Parking	Parking Break is pneumatically operated.
<b>BOOM</b>	Telescoping
	65ft (19.6 mtr.) 4 Part, 2nd & 3rd parts are actuated by hydraulic cylinders and 4th part by hydraulically assisted by rope. Open double acting hydraulic cylinders.
<b>HOIST MECHANISM</b>	Derricking
	6 Falls wire rope with, big drum double bearing SAI winch. Rope dia 13mm.
<b>HOIST</b>	
<b>CAPACITIES</b>	
Air Cleaner	1.00 Ltr.
Engine	10.00 Ltrs.
Fuel Tank	65.00 Ltrs.
Hydraulic Tank	140.00 Ltrs.
Transmission	48.00 Ltrs.
<b>ELECTRICAL SYSTEM</b>	
	12V (88 AH) single battery Negative earth.
<b>TYRES</b>	
Front	11.00x20 - 16PR (4 Nos.)
Rear	14.00x25 - 20 PR (2 Nos.)
<b>SAFETY</b>	
	Audio Overload Indication. Hose Failure protection. Audio over hoisting indication. Safety brakes on hoist. O.C Valve in Lift Cylinder. Cylinder guards.
<b>STANDARD EQUIPMENT</b>	
	Rops Full enclosed with view cabin with rotomould canopy. Cabin Fan. F.M Radio with speaker. Mobile Charger. Front and rear work lights. Reflectors & rear view mirror Tool Box with Tool Kit. Gauges:- A) Water temperature. B) Engine oil Pressure. C) Amp. Meter. D) RPM Meter cum hour Recorder E) Air Pressure.
<b>OPTIONAL EQUIPMENT</b>	
	Fly Jib (1.0 Tones Max. Capacity. Safe load indicator Helper Seat/Slinger Seat Front Out Riggers with hydraulic cylinder Slotted boom. (Fully hydraulic 16.66mtrs. Height) 4 part standard boom Over hoisting hydraulic cutoff Safe load indicator.



ENGINE: Simpson Engine BS-III (CEV compliant) - high on power/torque & low on fuel consumption & maintenance



CABIN: Extra protection with heavy bar of cabin roof.



WINCH: Heavy duty big drum double bearing SAI Winch for precision handling with 6 fall hook block.



CABIN: Ergonomically designed spacious cabin for better front visibility.



HOOK BLOCK: Self Adjusting heavy duty hook block with bearing pulley.



CYLINDER WITH O.C. VALVE: Lift cylinder with O.C. valve for protection of hydraulic handling of load.