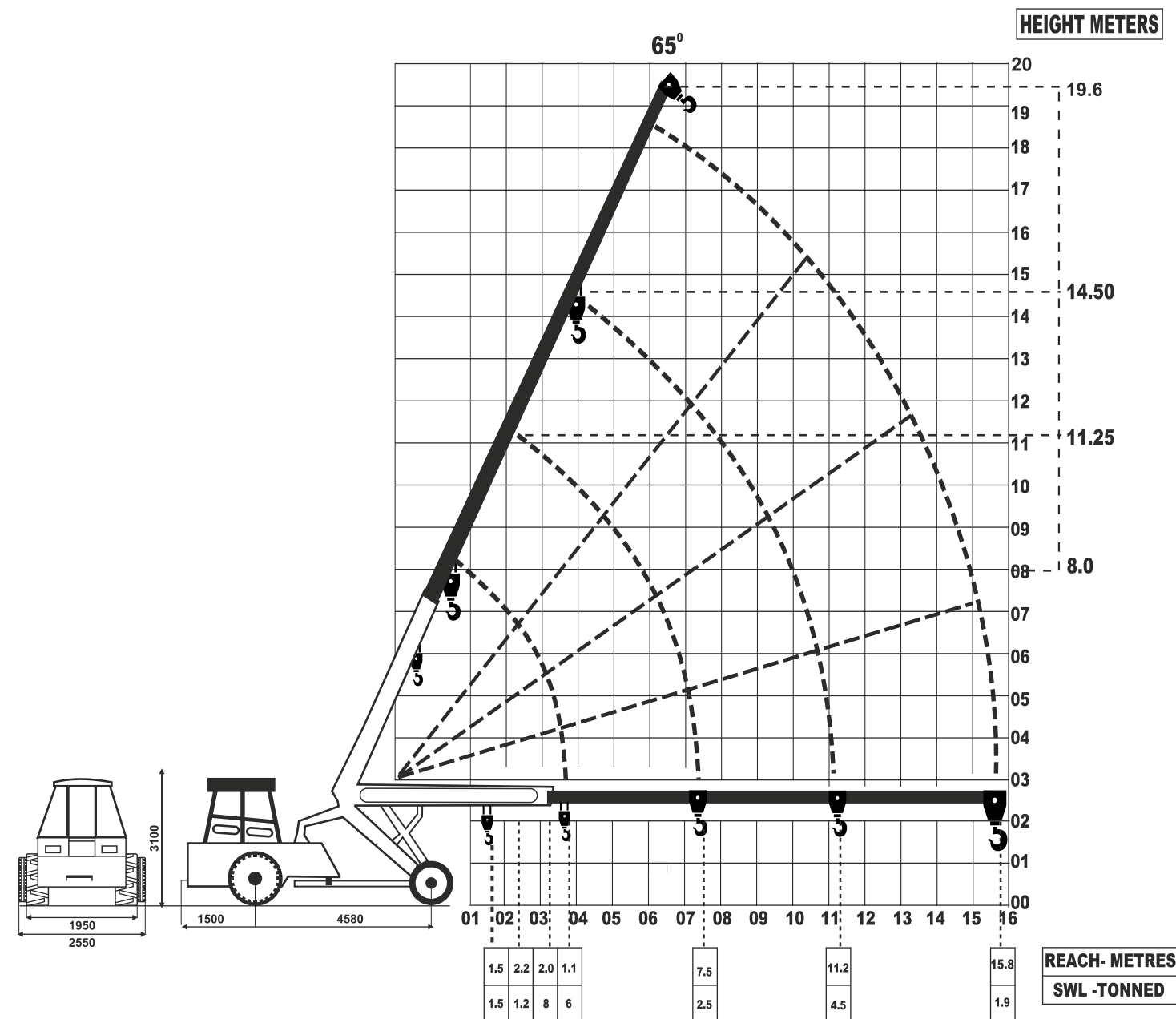


SCE-15T 65FT

HYDRAULIC MOBILE CRANE

SCE Load Chart



SHAKTTI CONSTRUCTIONS EQUIPMENT PVT. LTD.

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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

SPECIFICATIONS

| | | | |
|--|---|---|---|
| RATED CAPACITY (Free on Wheel) | 15 Tons 65FT. | BOOM 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. |
| ENGINE | Simpson, Four Cylinder, Water Cooler Diesel Engine Rated power for crane 49 BHP @ 2200 RPM (max continuous engine rating 58.3 @ 2300 RPM) | Derricking | |
| TRANSMISSION | Heavy duty, sliding Mesh developed specially for crane application. 4 forward and 2 reverse speeds with high & low selector lever. | HOIST MECHANISM HOIST | 6 Falls wire rope with, big drum double bearing SAI winch. Rope dia 13mm. |
| Clutch | Heavy duty, single, dry friction, wire woven clutch plate especially designed for crane application. | CAPACITIES Air Cleaner Engine Fuel Tank Hydraulic Tank Transmission | 1.00 Ltr. 10.00 Ltrs. 65.00 Ltrs. 140.00 Ltrs. 48.00 Ltrs. |
| Top Speed | 26 KMPH without load. | ELECTRICAL SYSTEM | 12V (88 AH) single battery Negative earth. |
| HYDRAULIC SYSTEM | | TYRES Front Rear | 11.00x20 - 16PR (4 Nos.) 14.00x25 - 20 PR (2 Nos.) |
| Pump | Vane hydraulic pump. | SAFETY | Audio Overload Indication. Hose Failure protection. Audio over hoisting indication. Safety brakes on hoist. O.C Valve in Lift Cylinder. Cylinder guards. |
| Control Valve | Precision Control & 6 Spool Valve with pressure relief value. | STANDARD EQUIPMENT | Rops Full enclosed with view cabin with rotomould canopy. Cabin Fan. FM 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. |
| Hydraulic Filter | Suction line has a 100 mesh inline strainer while line has 25 micron full flow filter. | OPTIONAL EQUIPMENT | 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. |
| STEERING | | | |
| 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 | | |
| BRAKES | | | |
| Front Wheel | Pneumatically operated dual circuit Air brakes. | | |
| Rear Wheel | Pneumatically operated at rear wheels. | | |
| Parking | Parking Break is pneumatically operated. | | |



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.