



SHAKTI 14

14T Pick-n-Carry

Heavy Duty & Reliable Clutch

Low Maintenance Cost

Robust Structure

Fuel Efficient

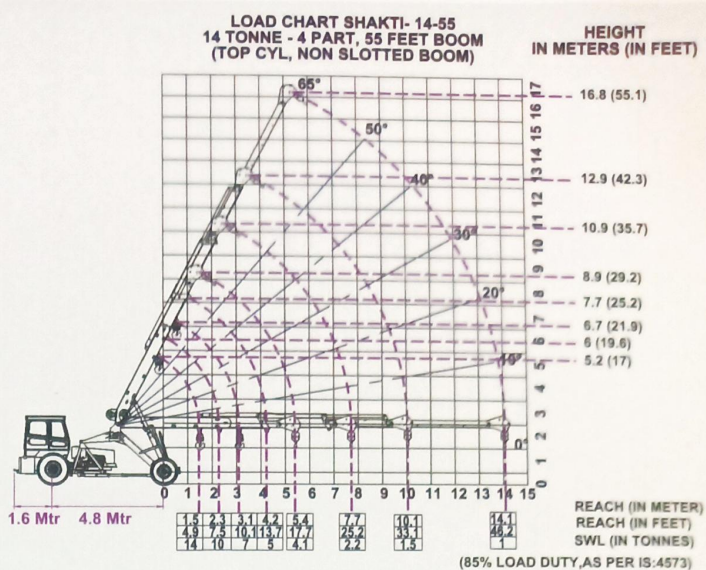


BIGGER • BETTER • SAFER

NEW

LOAD CHART

SHAKTI 14



SPECIFICATIONS

LIFTING CAPACITY (Free on Wheel)

14 Tonnes

ENGINE

Simpson, four cylinder, water cooled diesel Engine Rated Power for Crane 49 HP @ 2200RPM (max continuous engine rating)

Rated power 58.3 @ 2300RPM.

TRANSMISSION

Heavy duty, sliding mesh with 8 forward and 2 reverse speeds with high low range selector. Clutch

Heavy duty single, dry friction, wire woven clutch plate especially designed for crane application.

Top speed 27 KMPH without load

HYDRAULIC SYSTEM

Pump Vane hydraulic pump
Control valve Four spool control valve with pressure relief valve.
Hydraulic filter Suction line has a 100 mesh inline strainer while line has 25 micron full flow filter.

STEERING

Type Articulated power steering, hydraulically controlled through 2 double acting cylinders.
Articulation & Turning radius 56° articulations through 2 hydraulic cylinders on both side and turning radius of 6.5 Mtrs.

BRAKES

Front wheel Pneumatically operated dual circuit Air brakes.
Rear wheel Pneumatically operated at rear wheels.
Parking Parking brake is pneumatically operated.

BOOM

Telescoping Four part boom 36ft, 42ft and 55ft with hydraulically operated extension.
Hoist mechanism Hydraulic Winch 6 fall (Winch Capacity 14 Ton) Rope dia. 13mm

CAPACITIES

	Air cleaner	Engine	8.50 Ltr.
Fuel tank	60.00 Ltr.	Hydraulic tank	120.00 Ltr.
Transmission	50.00 Ltr.		

OVER ALL DIMENSIONS

Length – 12120MM, Width – 2600MM, Height – 3063MM

ELECTRICAL SYSTEM

12V (88AH) single battery negative earth.

TYRES

Front 11.00x20-16PR (4 NOS.)
Rear 13.00X24-12PR (2 NOS.)

SAFETY

- Hose damage protection.
- Safety brakes on hoist.
- O.C. valve in lift cylinder.
- Cylinder guards.

STANDARD EQUIPMENT

- Ropes fully enclosed with view cabin with rotomould canopy.
 - Front and rear work lights.
 - Reflector & 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.

OPTIONAL EQUIPMENT

- Fly Jib
- 14 x 25 Heavy Duty Tyre
- Safe load indicator.
- Helper seat/slinger seat
- Slotted boom, RD boom
- GPS System
- Audio overload indication

OPERATING WEIGHT

12210 Kg.



UTTAM CONSTRUCTION EQUIPMENT

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