



SHAKTI 12

12T Pick-n-Carry

Heavy Duty & Reliable Clutch

Low Maintenance Cost

Robust Structure

Fuel Efficient

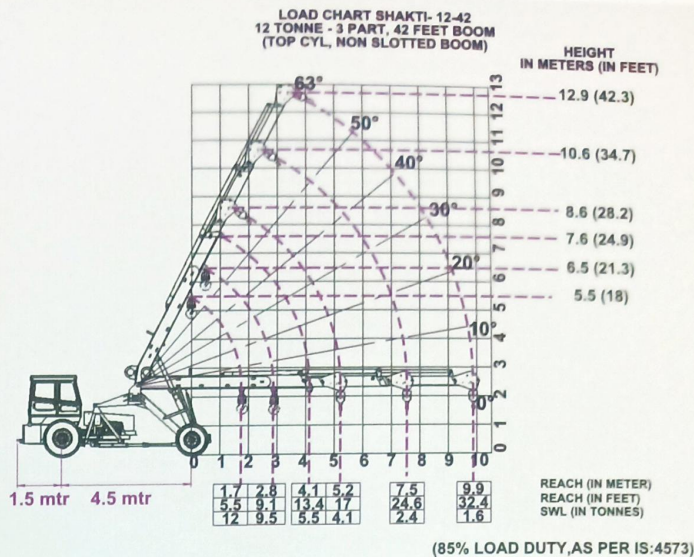


BIGGER • BETTER • SAFER

NEW

LOAD CHART

SHAKTI 12



SPECIFICATIONS



LIFTING CAPACITY (Free on Wheel)

12 Tonnes



ENGINE

Simpson, four cylinder, water cooled diesel engine or suitable equivalent engine

Rated power 49 HP at 2200 RPM.



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 Three part boom 36ft and 42ft with hydraulically operated extension.
Hoist mechanism Hydraulic Winch 4 fall (Winch Capacity 12 Ton) Rope dia. 13mm



CAPACITIES

Item	Capacity
Air cleaner	1.00 Ltr.
Fuel tank	60.00 Ltr.
Transmission	50.00 Ltr.
Engine	8.50 Ltr.
Hydraulic tank	110.00 Ltr.



OVER ALL DIMENSIONS

Length – 11501MM, Width – 2520MM, Height – 3063MM



ELECTRICAL SYSTEM

12V (88AH) single battery negative earth.



TYRES

Position	Size
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
- Audio overload indication
- GPS System



OPERATING WEIGHT

10715 Kg.



UTTAM CONSTRUCTION EQUIPMENT

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