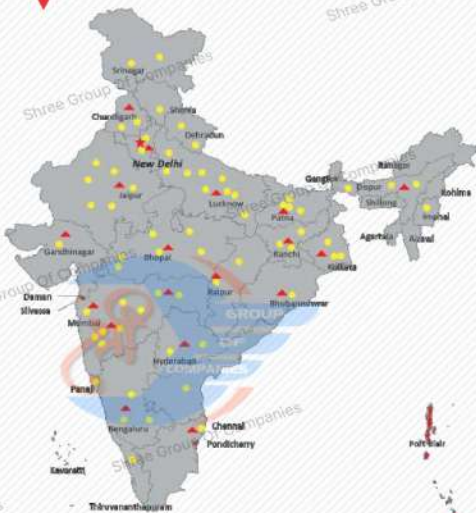


HYDRA 14^{HD} 4P



OUR REACH



★ Head Office ▲ 18 Business Center ● 73 Dealers & 250+ branches ■ PAN INDIA - 825+ Network to support as Service and Spares



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ESCORTS CONSTRUCTION EQUIPMENT



HYDRA 14^{HD} 4P



Capacity
14 T

Hoist
6 Falls

Service Interval - Engine
500 hrs.

Straight Axle
Heavy Duty

Structure
Heavy Duty

Contact : 9300723311

SPECIFICATIONS

Contact : 9300723311

RATED CAPACITY

14 Tonne at 1.6 m radius
1.2 Tonne at 12.4 m radius

ENGINE

Make & Model Escorts AE 4312C-3A four cylinder, water cooled diesel engine, developing 49.5 HP @ 2200 RPM or equivalent

TRANSMISSION

Drive 2 Wheel drive
Type Heavy duty transmission developed especially for crane application. Constant mesh gearbox coupled with straight drive axle. Eight forward and two reverse speeds with high/low selector lever
Creep Speed 1.9 km/hr, ideal for crane operation
Max. Speed 29 km/hr. (unladen)
Clutch Heavy duty clutch, wire woven, asbestos free

STEERING

Type Articulated power steering, hydraulically controlled through 2 double acting jacks
Articulation Up to 56°
Turning Radius 6.5 m

BRAKES

Front Wheel Pneumatic assisted hydraulic brakes (optional full pneumatic brakes available at front)
Rear Wheel Disc brakes actuated through a slave cylinder
Parking Hand operated mechanically actuated at rear wheels

TYRES

Front 11.00 X 20 - 16 PR (4 nos.), inflation pressure 110 - 115 PSI
Rear 13.00 X 24 - 12 PR (2 nos.), inflation pressure 35 PSI. Water ballasted

TRACK

Front 1930 mm
Rear 1680 mm

BOOM

Telescoping 4 parts, 3 parts hydraulically powered & fully synchronized, 4th part power extended & manually pinned.
Type Slotted boom with rope compensation
Derricking Through double acting jacks

HOIST MECHANISM

Hoist Hydraulic winch. Six falls (Winch capacity 12 T), Rope dia 13 mm

HYDRAULIC SYSTEM

Pump Vane type hydraulic pump
Control Valve 4 spool control valve with built in pressure relief valve and precision control
Hydraulic Filter Suction line has a 100 mesh inline strainer while return line has 25 microns full flow filter

ELECTRICAL SYSTEM

Type 12V Single battery, Negative earth

CAPACITIES

Fuel Tank 45 lbs.
Hydraulic Tank 65 lbs.

OVERALL DIMENSIONS

Length 11700 mm
Width 2550 mm
Height 3250 mm

OPERATING WEIGHT (KG)

Gross Vehicle Weight 11200 kg

SAFETY SYSTEM

Rope compensation for auto leveling
Overload audio warning system
Hose protection failure device
Safety brakes on hoist
Cylinder guard for protection

STANDARD ACCESSORIES

All Weather Cabin
Lift Cylinder Guard
Turn & Reverse Lamp
Front Bumper
Rear View Mirror
Reflectors

OPTIONAL ACCESSORIES

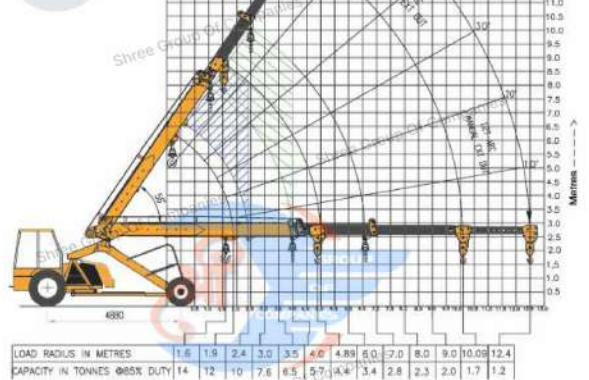
Fly Jib
Safe Load Indicator
Fire Extinguisher
Steering Wheel
Spark Arrestor
Overload & Overhaul Cutoff Kit
Heavy Duty Tyres On Rear Wheels
Air Brakes

Contact : 9300723311

HYDRA 14^{HD} 4P

LOAD CHART

HYDRA 14^{HD}



Rated loads are calculated for operation on levelled surface.

FEATURES



SLOTTED BOOM AND ROPE
Compensation for precision handling & auto leveling of loads.



REAR BRAKES
Disc brakes at the rear for effective braking



TRANSMISSION
Heavy duty straight axle with 2 years' warranty, with constant mesh transmission.



HYDRAULIC WINCH
Line Pull = 2.5 Ton (1st layer)
No. of falls = 6



CABIN
Ergonomically designed spacious cabin with modern dashboard for utmost operator comfort and operation.



ENGINE
Escorts engine BS-III (CEV compliant) - high on power/ torque & low on fuel consumption & maintenance.