

Reaching Further Higher



ESCORTS
CONSTRUCTION EQUIPMENT

NEW

HYDRA 13

13T Pick-n-Carry

Heavy duty & reliable clutch

Low maintenance cost

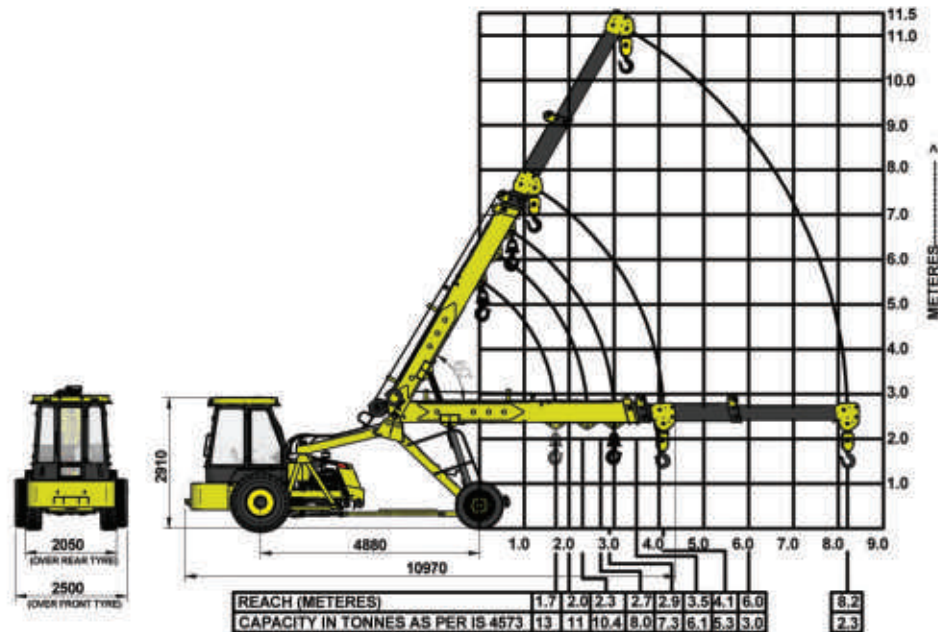
Robust structure

Fuel efficient



NEW

LOAD CHART HYDRA 13



Rated loads are calculated for operation on levelled surface.

SPECIFICATIONS

RATED CAPACITY

- 13T @ 1.7m radius
- 2.3T @ 8.2m radius

ENGINE

- Escorts AE 4.312C-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 robust straight drive axle. 08 forward & 02 reverse speeds with High/Low selector lever
- Max. Speed- 29 km/hr (unladen)
- Clutch- Heavy duty clutch, Wire woven, Asbestos free

STEERING

- Type- Articulated power steering, hydraulically controlled through two double acting jacks
- Articulation- up to 55°
- Turning radius- 6.5 m

HOIST MECHANISM

- Hoist- Hydraulic Winch, Four falls, Rope dia 13 mm

BRAKES

- Front Wheel- Pneumatic assisted hydraulic brakes
- Rear Wheel- Disc brakes actuated through a slave cylinder
- Parking- Hand operated mechanically actuated at rear wheels

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 ltr.
- Hydraulic Tank- 65 ltr.

TRACK

- Front- 1930 mm
- Rear- 1680 mm

OVERALL DIMENSIONS

- Length- 10970 mm
- Width- 2550 mm
- Height- 3100 mm

OPERATIONAL WEIGHT

- 10600 kg

BOOM

- Telescoping- 3 part hydraulically powered through 2 nos. of extension jacks
- Derricking- Through double acting jacks

TYRES

- Front- 10.00x20-16PR (4 Nos.), inflation pressure 110-115 PSI
- Rear- 13.00x24-12PR (2 Nos.), inflation pressure 35 PSI (Water Ballasted)

SAFETY DEVICES

- Overload audio warning system
- Safety brake on hoist
- Cylinder guard for protection
- Over hoist safety switch
- Counter balance protection valve in the lift line against hose burst
- Visual warning against parking brakes on

STANDARD ACCESSORIES

- All weather cabin
- Lift cylinder guard
- Front bumper
- Rear view mirror
- Reflectors
- Turn & reverse lamp

OPTIONAL ACCESSORIES

- Fly Jib
- Hydraulic Cut off Kit
- Steering Wheel
- Air Brakes on Front Wheel
- Fire Extinguisher
- Spark Arrestor
- Safe Load Indicator
- 14 x 24 Heavy Duty Tyres



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(Timings: 9.30 am - 6.00 pm, Monday to Friday)

Accessories as shown in the picture may not be the part of standard fitment and are subject to change without prior notice.

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The information contained in this leaflet is intended to be of general nature only. We reserve the right to change specifications without notice. All dimensions and weight are variable within $\pm 5\%$.