

## SPECIFICATIONS

### **RATED CAPACITY**

12 Tonne at 1.9 m radius  
2.5 Tonne at 8.4 m radius

### **ENGINE**

Make & Model: 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 straight drive axle. Eight forward and two reverse speeds with high/low selector lever  
Creep Speed 1.9 km/hr. ideally suited for crane operation (with load)  
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 55°  
Turning Radius 6.5 m (approx.)

### **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 ltrs  
Hydraulic Tank 65 ltrs

## OVERALL DIMENSIONS

Length 11000 mm  
Width 2550 mm  
Height 3100 mm

## OPERATING WEIGHT (KG)

10555 kg

## BOOM

Telescoping Heavy duty, 3 parts box type hydraulically operated  
Derricking Through double acting jacks

## 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

## SAFETY DEVICES

Overload audio warning system  
Safety brakes on hoist  
Cylinder guard for protection  
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  
Turn & Reverse Lamp  
Front Bumper  
Rear View Mirror  
Reflectors  
Over Hoist System

## OPTIONAL ACCESSORIES

Fly Jib  
Tool Box  
Spark Arrestor  
Tyre Mud Guard  
Steering Wheel  
Fire Extinguisher  
Safe Load Indicator (SLI)  
Heavy Duty Bumper  
14 x 24 Heavy Duty Tyres Air Brakes on Front Wheel  
Over Hoist & Hydraulic Cutoff Kit

