

## Engine

- Proven, powerful and fuel efficient Kirloskar 4R1040TC, water cooled diesel engine
- Gross power: 56 kw (76 HP) at 2200 rpm
- Max Torque (Gross): 300Nm @ 1500 ± 100 rpm
- Meets Bharat stage- III (CEV) emission norms

## Hydraulics

- Hydraulic pump - Tandem Gear Pump
- Maximum flow (both pumps) 117.5 lpm @ 2200 rpm
- System main relief setting 225 bar
- Fixed flow, open centre two pump unloading energy efficient hydraulic system

## Transmission

- Four speed (4F, 4R gear) Syncro shift reversing shuttle transmission provides superior traction, gradeability, higher force while entering pile or during dozing operation
- Neutral start provision prevents starting while shuttle is engaged
- Gear lever with transmission disconnect switch adds to the overall ease of gear shifting

## Tyres

- Front (Std): 9.00 x 16 - 16PR
- Rear (Std): 16.9 x 28 - 12PR (Industrial)

## Travel Speed

- |            | F/ R gear                  |
|------------|----------------------------|
| • 1st Gear | 5.3 kmph /4.6 kmph         |
| • 2nd Gear | 8.5 kmph /7.0 kmph         |
| • 3rd Gear | 18.5 kmph /Not recommended |
| • 4th Gear | 36.6 kmph /Not recommended |

## Brakes

- **Service brakes:** Hydraulically actuated dual line, self adjusting, oil immersed, multi disc type on rear axle
- **Parking brakes:** Hand-operated caliper disc brakes

## Axles

- Front steer axle with 16 deg oscillation for maximum ground contact in undulated condition
- Rear drive axle, rigidly mounted to chassis

## Steering

- Hydrostatic power steering in front wheel
- Hydraulic supply from pump via priority valve for quick response steering
- Working pressure: 120 bar

## Weight

- Operating Weight 8190 Kg

## Service Refill Capacities

Hydraulic system oil	110 litres
Fuel tank	134 litres
Engine coolant	15 litres
Engine oil	11.5 litres
Transmission oil	16.5 litres
Rear axle oil	17.1 litres
Brake reservoir oil	1.0 litres

## Equipment Monitoring System

GPS + GSM based equipment monitoring system is a standard fitment and provides sms alerts for effective equipment management and acts as a diagnostic tool

## Warning Message-SMS, Mail, Online

- Engine Coolant Temperature
- Hydraulic Oil Temperature
- Transmission Oil Temperature
- Engine Oil Pressure
- Battery Charging Status
- Machine Idle Information
- Fuel level Information

## Optional Attachments

- Front tyre : 12.5/80-18, 12PR
- Heavy duty rear tyres: 14x25-20PR
- Rock Breaker
- Ripper Tooth
- Extendible dipper
- A.C. Cabin
- Trenching Buckets- 0.09 Cum, 0.12 Cum, 0.18 Cum
- Special Purpose Buckets- 0.30 Cum, 0.32 Cum
- Multi Purpose (6-in-1) Bucket
- 300 mm Trench Bucket (Optical Fibre Cable Laying Application)
- Coal Bucket - 1.5 Cum
- Rock Bucket - 0.26 Cum



### Warning

- All dimensions, weights, timings mentioned are with standard tyres, dipper, buckets & are v  
- ECE has the right to change values given & design shown without giving a notification.



ayana) - 121 004, INDIA  
2306463  
[www.escortsece.com](http://www.escortsece.com)



  
**ESCORTS**  
CONSTRUCTION EQUIPMENT