

## SUPPORT NETWORK

### Experience Our Mobile Service Van For Fast And Reliable Solutions



#### ADDRESS:

**North Zone**  
ESCORTS LTD. - CONSTRUCTION EQUIPMENT  
4<sup>th</sup> Floor 409, Jasola Vihar,  
Elegance Tower, Near Apollo Metro Station,  
New Delhi -110019

**East Zone**  
ESCORTS LTD. - CONSTRUCTION EQUIPMENT  
Eco Centre, Ambuja Neotia,  
609, 6<sup>th</sup> Floor, EM Block,  
Salt Lake Sector-V, Kolkata – 700091

**West Zone**  
ESCORTS LTD. - CONSTRUCTION EQUIPMENT UNIT 1,  
3<sup>rd</sup> Floor, A-Wing, Times Sqaure,  
Andheri - Kurla Road, Opp. Mittal Industrial Estate,  
Andheri (East), Mumbai 400059 (Maharashtra)

**South Zone**  
ESCORTS LTD. - CONSTRUCTION EQUIPMENT  
1<sup>st</sup> Floor, Bearing No - FF 2, in Subham Square,  
Survey Number 41/9, 1<sup>st</sup> Main Road and 1<sup>st</sup> Street,  
Tarambakkam, Porur,  
Chennai - 600116

MKT21.1/F1621

## WHEN YOU NEED EXTRA **F 1621**



4WD as Standard Feature | Hydraulic Clutch | Creep Speed: 1.3 Kmph  
Equipment Monitoring System | Auto Levelling Hook Block



Customer Support No.:  
**1800 180 4488**

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

E-mail:  
[ece.marketing@escorts.co.in](mailto:ece.marketing@escorts.co.in)

Escorts Construction Equipment: Plot No. 219, Sector-58, Ballabhgarh- 121004, Faridabad, Haryana (INDIA) Tel.: 0129-2306574/2306598/2306571  
Fax: 0129-2306572 Website: [www.escortsgroup.com](http://www.escortsgroup.com)

# ESCORTS WHITE LINE

# F 1621



**ESCORTS**  **WHITE LINE**

## SPECIFICATIONS

### RATED CAPACITY

16 Tonne at	1.5 m radius
920 kg at	15.8 m radius
Max Hook Height	18.2 m
SWL based on 85% stability and strength (IS 4573)	

### ENGINE (BS IV)

Volvo - Eicher make CEV BS IV Diesel Engine, Model E494TCI - High Pressure Common Rail System (HPCR) Technology, Turbo Charged Water Cooled, ECU Control Engine Management System, Developing 74 Kw/101HP @ 2200 RPM or Equivalent Engine.

### TRANSMISSION & CLUTCH

Engine is coupled with Synchromesh Transmission Gear Box and Auxiliary Gear Box with high/low & 2WD/4WD mode selector  
Clutch

Single, dry type friction clutch plate (self adjusting)	
Speeds	10 forward and 2 reverse
Max Travel Speed	41 Kmph
Creep Speed	1.3 Kmph
Gradeability	40% unladen

### STEERING

Fully power orbitrol with twin hydraulic double acting rams  
Type Articulated power steering, through steering wheel.

Articulation	Up to 40° on either side
Turning Radius	7.2 m

### CONTROL VALVE

6 spool double acting with a built-in relief and auxiliary valves

### AXLES

Front	Rigidly Mounted
Rear	Mounted with two semi-elliptical springs

**STRUCTURE** Frames and boom are fabricated with high tensile steel plates, sections and with proven technology.

**OPERATOR'S CAB & CONTROLS** "Operator cabin with steel construction, excellent visibility for craning operation, adjustable seat, automotive type controls like steering wheel, brakes, accelerator pedal, gear shifting etc.  
Dashboard panel has electronic speedometer, hours meter, engine oil pressure gauge, engine coolant temperature gauge, AGB oil temperature gauge, parking brake indicator, directional indicator etc."

**NOTE** Technical modification reserved. All dimensions & weights are variable within ± 5% over indicated values.

### BRAKES

Service	Fully air operated 'S' cam dual circuit brakes on front & rear axles
Parking	Air operated, spring actuated fail safe brakes on rear axle

### TYRES

Front	11 x 20 - 16 PR [4 Nos.]
Rear	11 x 20 - 16 PR [4 Nos.]

### BOOM

4 Parts Slotted Boom with 3 parts hydraulically powered & fully synchronized, 4<sup>th</sup> part power extended and manually pinned for safety  
Luffing Range

### HOIST MECHANISM

Hydraulically operated with 4 falls built in safety brakes.  
Self-adjusting snatch block with 13 mm dia rope

### ELECTRICAL SYSTEM

12 V, DC, Negative Earth  
120 AH Battery for Longer Life

### DIMENSIONS

Wheel Base	3950 mm
Overall Length	9725 mm
Overall Width	2450 mm
Overall Height	3215 mm
Front Wheel Track	1810 mm
Rear Wheel Track	1810 mm

### OPERATING WEIGHT

Front Axle Weight	7080 Kg
Rear Axle Weight	9380 Kg
Total Weight	16460 Kg

### CAPACITIES

Fuel Tank	220 ltrs.
Hydraulic tank	175 ltrs.

### SAFETY SYSTEM

Safe Load Indicator with Hydraulic Cut off (Optional)  
Safety brakes on Hoist (Standard)  
Hose Protection failure Device (Standard)  
Rope Compensating Snatch Block (Standard)  
Equipment Monitoring System (Optional)  
Rear View Camera with LCD (Standard)  
Battery Cut off Switch

### STANDARD ACCESSORIES

Operator Cabin  
Mobile Charger  
Concealed Lockable battery  
Tyre Guard  
Rear View Camera  
Helper Seat Platform  
Beacon Lamp  
Safe Load Indicator

### OPTIONAL ACCESSORIES

RHINO Hook  
EMS  
Fire Extinguisher  
Drag Winch  
Fly Jib

## TECHNICALS

### Load Chart

