

SUPPORT NETWORK

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For Fast And Reliable Solutions



ADDRESS:

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

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

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

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

MKT/21.1/F/1621

WHEN YOU NEED EXTRA
F 1621 SL



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

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

ESCORTS  **WHITE LINE**

F 1621SL



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)

Diesel Engine of TATA MOTORS make, Model 497 TC, Turbo charged water cooled, developing 76 Ps/ 55 kw Engine @ 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
Make	TATA

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, 4th part power extended and manually pinned for safety

Luffing Range -10° to + 65°

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	6825 Kg
Rear Axle Weight	9225 Kg
Total Weight	16050 Kg

CAPACITIES

Fuel Tank	220 ltrs.
Hydraulic tank	175 ltrs.

SAFETY SYSTEM

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

STANDARD ACCESSORIES

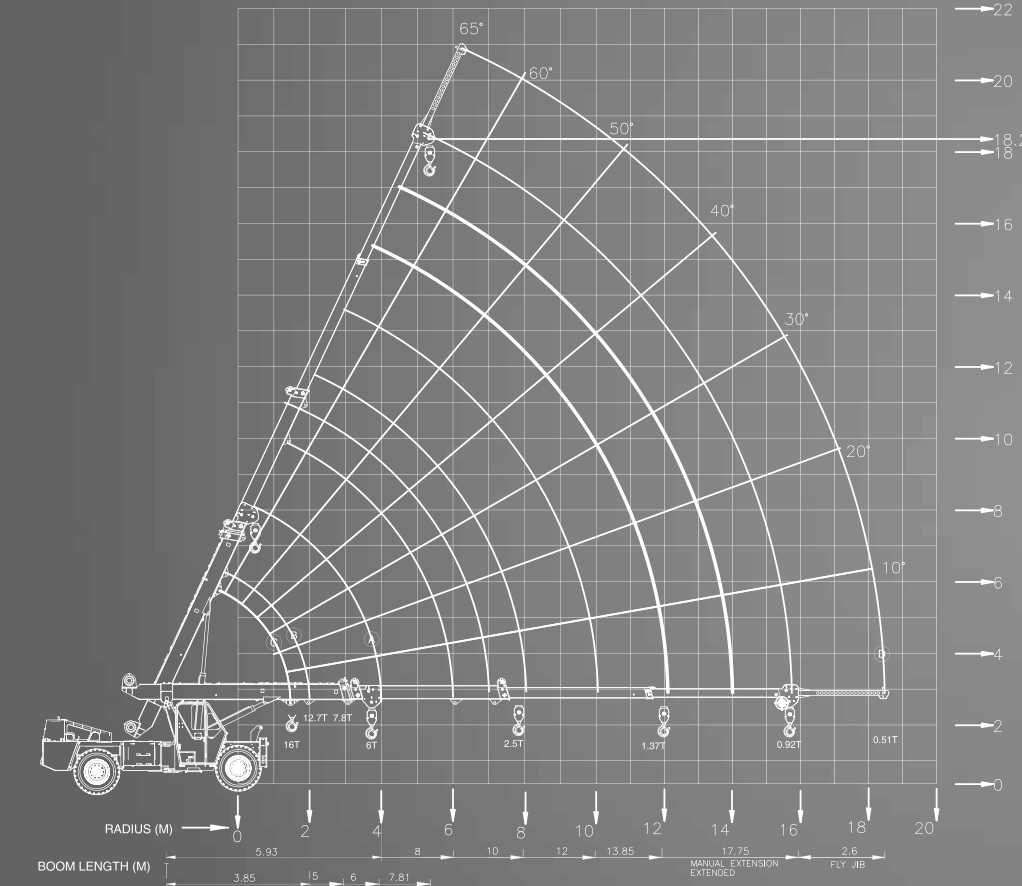
Operator Cabin
Mobile Charger
Concealed Lockable battery
Tyre Guard
Rear View Camera
Helper Seat Platform
Beacon Lamp
Safe Load Indicator
Drag Winch
Fly Jib
EMS

OPTIONAL ACCESSORIES

RHINO Hook
Fire Extinguisher

TECHNICALS

Load Chart



Features

ECU EMS SYSTEM

ECU EMS – Electronic Control Unit for Engine Management System for Engine diagnosis and troubleshooting.

IGNITION ON/ OFF

Ignition key to switch off engine, no more use of stop cable to engine put off.

SWITCH OFF ENGINE

HPCR SYSTEM

HPCR – High Pressure Common Rail System - HPCR provide cleaner exhaust, deliver more horsepower and fuel efficiency per displacement.

ROCKER SWITCHES

Rocker Switch with more reliable and better aesthetic appearance, low operator fatigue.

CLUSTER

Single Digital Cluster with all gauges, fault code detection for engine system, date and time display feature, less number of wiring harness.

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