

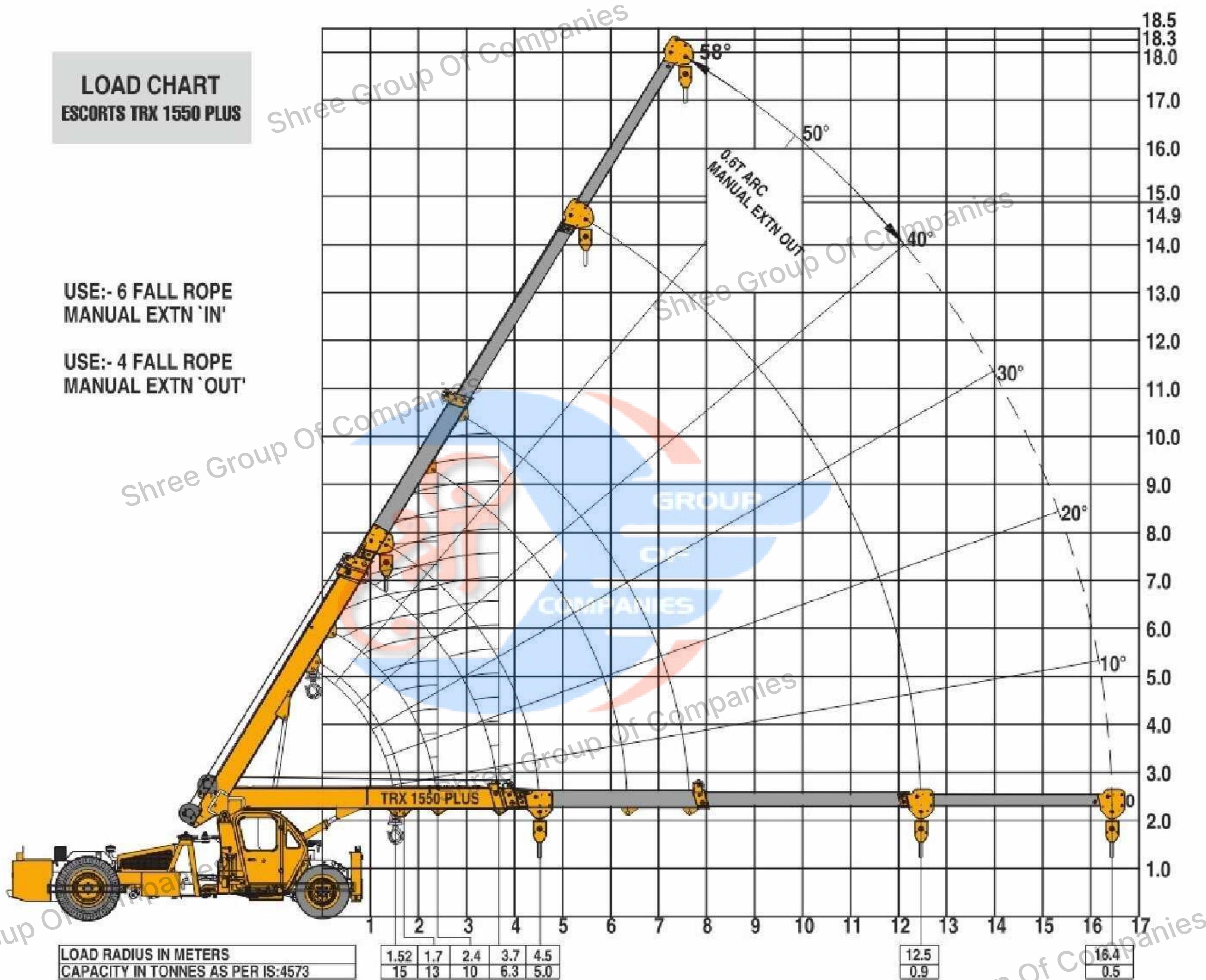
# TRX 1550 PLUS



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LOAD CHART  
ESORTS TRX 1550 PLUS



Rated loads are calculated for operation on leveled surface.



**Toll Free No.:**  
**1800-180-4488**  
(Timings: 9:30 am - 6:00 pm, Monday to Friday)

e-mail: [ece.helpline@escorts.co.in](mailto:ece.helpline@escorts.co.in)

Contact : 9300723311

Escorts Construction Equipment: Plot No. 219, Sector- 58, Ballabgarh- 121 004,  
Faridabad, Haryana (INDIA) Tel.: 0129-2306574/2306598/2306571  
Fax: 0129-2306572 Website: [www.escortsgroup.com](http://www.escortsgroup.com)

Authorised Dealer

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

The information contained in this folder is intended to be of general nature only. We reserve the right to change specifications without notice.

Hub/July/2019

Capacity-15 ton

Boom height-18.3 m

500 Hrs service interval engine

Heavy duty 8 forward & 2 reverse  
transmission



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## SPECIFICATIONS

### RATED CAPACITY

Capacity 15 T @ 1.52 m radius  
0.9 T @ 12.4 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, Constant Mesh, Helical Teeth Gearbox coupled with straight drive axle

Speeds 8 Forward & 2 Reverse speeds with High / Low Selector

Creep Speed 2 km/hr under laden condition, ideal for crane operation (with load)

Clutch Single Plate, Heavy Duty type

### STEERING

Type Power Steering , Articulated, hydraulically controlled, actuated by Steering Wheel"

Articulation 45° on either side

### BRAKES

Front Wheel Fully Pneumatic brakes on front wheels

Rear Wheel Disc brakes actuated through a slave cylinder

Parking Pneumatic operated, foil safe type applicable on front wheels

### TYRES

Front 11.00 X 20 - 16 PR (4 nos.), inflation pressure 110 - 115 PSI

Rear 14.00 X 24 - 16 PR (2 nos.), inflation pressure 58 PSI. Water Ballasted

### TRACK

Front 1930 mm (Center of twin wheels)

Rear 1680 mm (Center of wheels)

Turning Radius 6.8 m

### BOOM

Luffing Angle Zero to 58.5°

Telescopng 4 part, 3 part hydraulically powered & fully synchronized, 4th part power extended & manually pinned

Type Slotted Boom with Rope compensation

Derrickng Through double acting jacks

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### HOIST MECHANISM

Hoist Hydraulic winch. Six falls (Winch capacity 12 T) Rope dia 13 mm

### HYDRAULIC SYSTEM

Pump Vane type hydraulic pump  
Control Valve Control valve with built in pressure relief valve for 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 90 Ltrs.  
Hydraulic tank 90 Ltrs.

### OPERATING WEIGHT (KG)

Gross Vehicle Standard M/C 13485 kg  
Weight With Outriggers 14065 kg

### OVERALL DIMENSIONS

Length 12100 mm  
Width 2550 mm  
Height 2780 mm

### SAFETY SYSTEM

Rear view camera with LCD display

Wheel guard

Rope compensation for auto levelling

Safety brakes on hoist

Hose protection failure device

Front mounted cabin

### STANDARD ACCESSORIES

All weather cabin

Steering wheel

Front Bumper

Reflector

Rear view mirror

Rear camera with LCD display

Wheel guard in the front & rear

### OPTIONAL ACCESSORIES

Fly jib

Air conditional cabin

Safe load indicator with hydraulic cut off

Front outriggers

Fire extinguisher

Beacon light

Helper seat

Spark arrestor

## FEATURES

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### Visibility

Operator's visibility is optimum from the cabin for better controls.



### Front Mounted Cabin

Front cabin for better visibility & control of loads. Line of sight is always aligned with load even in articulation.



### Rear View Camera

Rear view camera with LCD display in cabin, ensures complete rear view increasing safety.

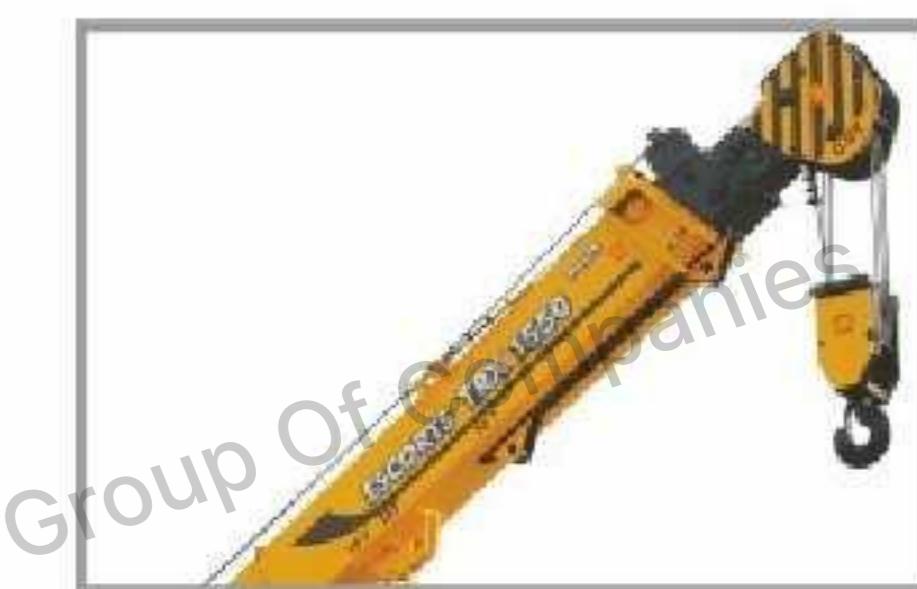


### Tyre Guard

Tyre guard option for enhanced safety for operation crew.

### NOTES

- Max Lifting Capacity 15 T
- Max Boom Height 18.3 m with 4 Part Boom
- Max Horizontal Reach 12.4 m
- 15 T can be lifted to a height of 5.4 m
- 13 T can be lifted to a height of 5.4 m
- 10 T can be lifted to a height of 9.3 m through winch/ 8 m through slotted boom



### Slotted Boom

Slotted Boom with Rope compensation for auto levelling of load and precision handling.



### Steering Wheel

Articulated power steering controlled through steering wheel for safe usage and precision.



### Outriggers

Front outrigger (optional) posted for additional safety while on erection jobs.

- 6.3 T can be lifted to a height of 12.5 m through winch/9.3 m through slotted boom
- 4.3 T can be lifted to a height of 15 m through winch
- Tyres to be inflated with recommended air pressure
- Lifting Capacity is as per IS: 4573 - 1982 on a firm and level ground
- Weights of chains, slings & tackles to be considered extra