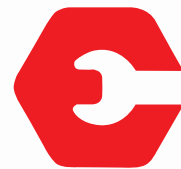


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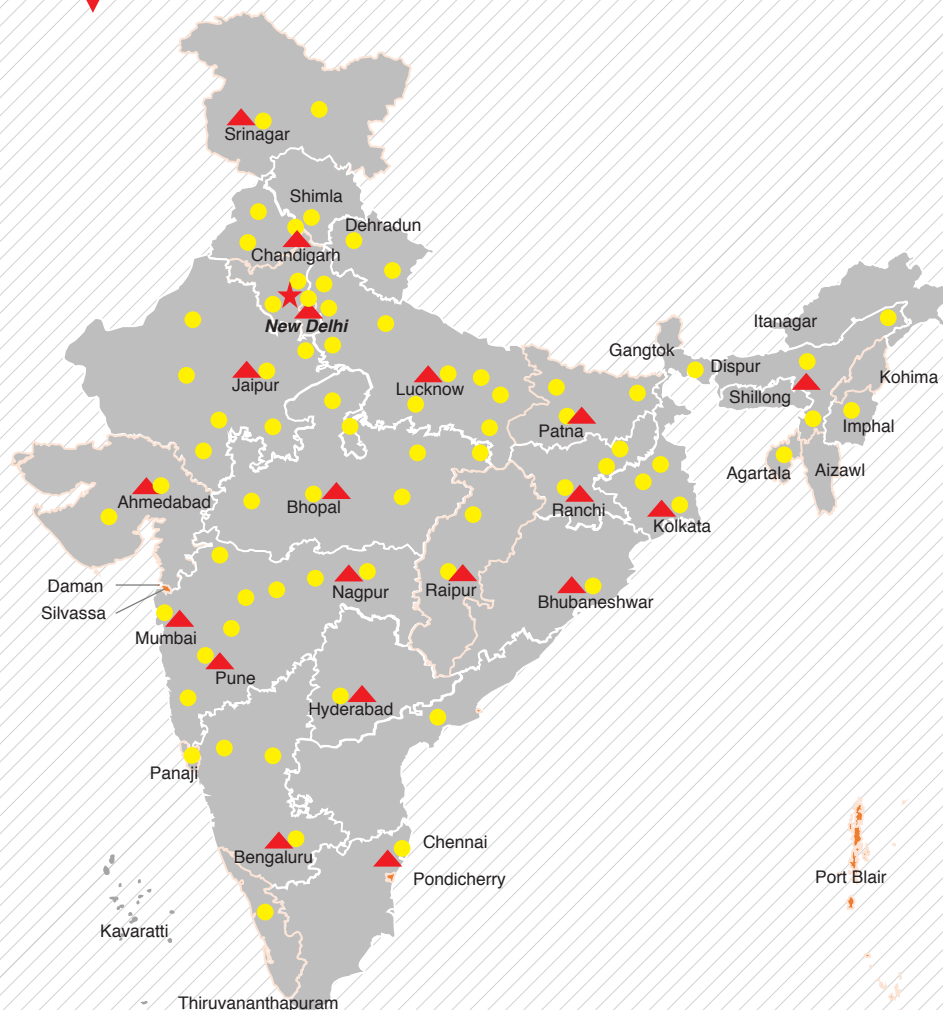


ESCORTS

CONSTRUCTION EQUIPMENT



OUR REACH



★ Head Office | ▲ 17 Business Center | ● 73 Dealers & 250+ branches | ■ PAN INDIA - 825+ Network to support as Service and Spares



Toll Free No.:
1800-180-4488
(Timings: 9.30 am - 6.00 pm, Monday to Friday)

e-mail: ece.helpline@escorts.co.in

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



Authorised Dealer

MKT/22.1/EC3664

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

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MINI TANDEM ROLLER



- Operating Weight **3.3T**
- Compaction Force **Highest**
- Traction **High**
- Gradeability **High**
- Ground Clearance **High**
- Maintenance Cost **Low**

• The information contained in this leaflet is intended to be of a general nature only. • We reserve the right to changed specifications without notice. • All Dimensions and weights are variable within +/-5%.

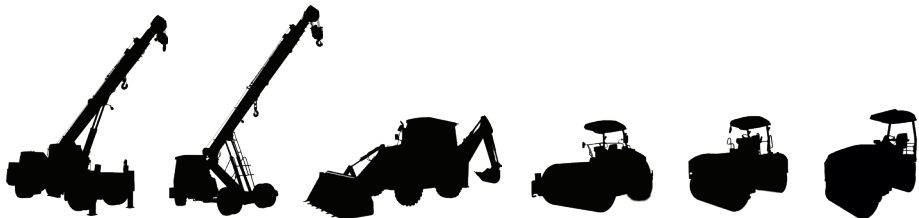
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SPECIFICATIONS



ENGINE

Make and Model	Escorts E3.249NA	
Power Rating as per ISO 3046	Water Cooled, 3 cylinder BS - III (CEV) Emission norm Diesel Engine developing 47 HP @ 2300 RPM	



DRIVE

Drive	Infinitely variable hydrostatic all wheel drive to both drums	
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STEERING

Articulated Steering	Deg	± 30°
Oscillation Angle	Deg	± 10°
Crab Steering	mm	± 48



WEIGHT

Operating Weight	kg	3300
Axle Load - Front	kg	1700
Axle Load - Rear	kg	1600
Static Liner Load Front	kg/cm	14.2
Static Liner Load Rear	kg/cm	13.3
Max. Applied force front drum	kgf	6500
Max. Applied force rear drum	kgf	6400
Total Compaction force	KN	104/129



SPEED

Working	km/hr	0-4
Transport	km/hr	0-12



GRADEABILITY

Gradeability with Vibration	%	35%
Gradeability without Vibration	%	40%



CAPACITY

Fuel Tank	ltr	50
Hydraulic Oil Tank	ltr	40
Water Tank	ltr	200
(Rear - 130 ltrs/ Front - 70 ltrs)		



VIBRATION SYSTEM

Frequency - Low / High	Hz	55/64
Nominal Amplitude	mm	0.6
Vibration - 2 Stage	Front and Rear drums/Front drum, Auto vibration Cut-off above working speed	



BRAKES

Service, Parking, Emergency Brake	Hydrostatic, Spring Loaded, hydraulically released brakes on both drums	
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DIMENSIONS

Overall Width	mm	1360
Overall Length	mm	2826
Overall Height with canopy	mm	2595
Turning Radius-outer/inner	mm	4142/2942
Min. Ground Clearance	mm	320
Drum Diameter	mm	740
Drum Width	mm	1200
Shell Thickness	mm	13



STANDARD EQUIPMENT

- Canopy with Sun Top
- Switchable to both/ single drum vibration
- RPM Gauge
- Sprinkler Indicator
- Instrument Panel with a range of control instruments including Hour Meter & Light Equipment



SAFETY FEATURES

- Neutral Start Safety
- Emergency Stop Switch
- Reverse Alarm
- Air Filter Clog Indicator
- Hydraulic Filter Clog Indicator
- Low Engine Oil Pressure Indicator
- Hydraulic Oil Temperature Gauge
- Battery Charging Indicator
- Starter Safety Relay
- Coolant Temperature Gauge & Indicator
- Volt Meter



OPTIONAL EQUIPMENT

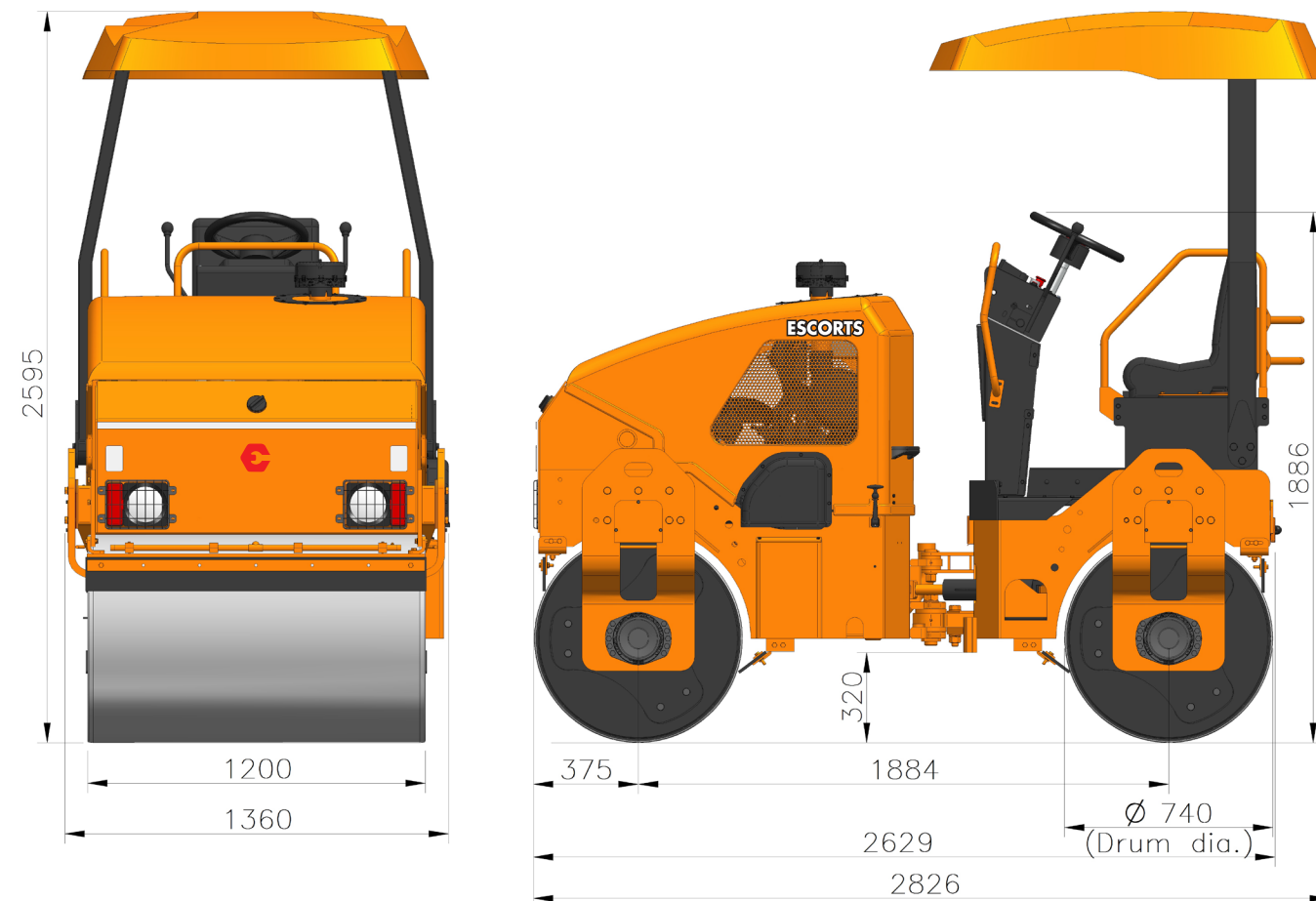
- Cabin
- Demister
- Instrument Panel Cover
- Cold Start Kit



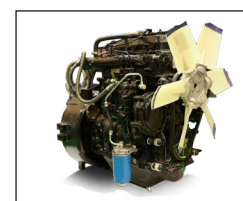
KEY FEATURES

- Suited for shoulder compaction/service roads
- Highest Total Compaction Force in the industry
- High ground clearance of 320 mm for working on uneven surface
- High kerb clearance of 590 mm for effective compaction along culvers
- High static linear load in the industry
- Low turning radius

EC 3664



FEATURES



ENGINE
ESCORTS E3.249NA is high on power and traction. Low on fuel consumption and maintenance



STEERING ANGLE
Articulation Steering Angle is high for low turning radius.



GRADEABILITY
High gradeability making it versatile for all applications



INSTRUMENT PANEL
Instrument Panel with conveniently placed switches and buttons for easy access & reach



COMPACTION FORCE
Optimized setting amplitude, frequency and optimum distribution of weight helps in achieving high compaction



SEATING
Driver's Seat is adjustable and sliding with a canopy for operator's comfort and clear visibility