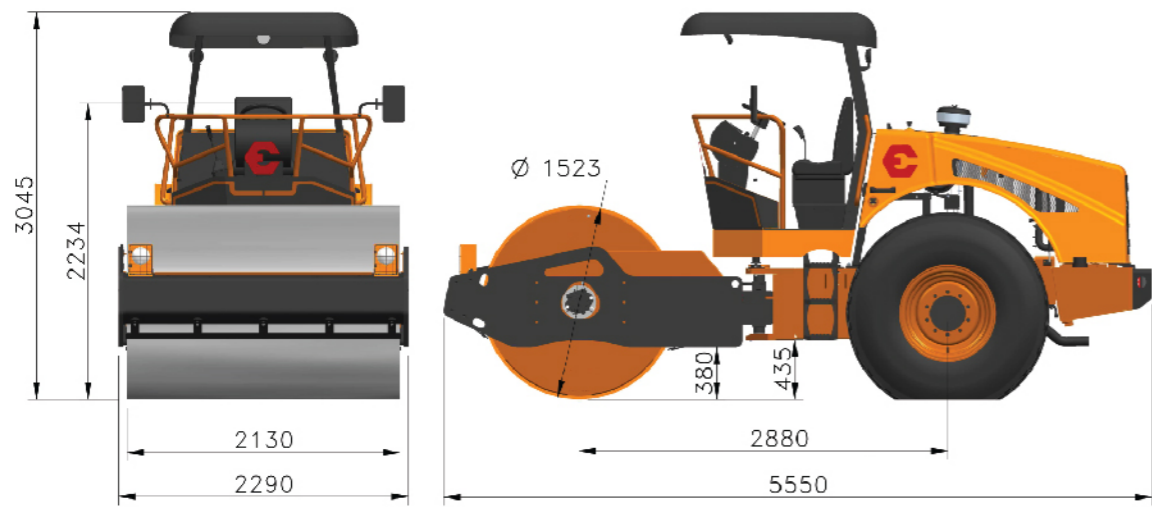




ESCORTS
CONSTRUCTION EQUIPMENT

SOIL VIBRATORY COMPACTOR



STATIC DIMENSIONS

| DIMENSIONS | Unit | STD | DD |
|----------------------|------|------|------|
| Overall Width | mm | 2290 | 2290 |
| Overall Length | mm | 5550 | 5550 |
| Overall Height | mm | 3045 | 3045 |
| Drum Diameter | mm | 1523 | 1523 |
| Drum Width | mm | 2130 | 2130 |
| Ground Clearance | mm | 435 | 435 |
| Wheel Base | mm | 2880 | 2880 |
| Drum Shell Thickness | mm | 25 | 25 |

Rated loads are calculated for operation on leveled surface.

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

EC 5511 XP



Compactor
• ROLL 'n ROCK •

The KING of SOIL



ESCORTS
CONSTRUCTION EQUIPMENT

Escorts Construction Equipment: Plot No.- 219, Sector-58,
Ballabgarh- 121 004, Distt.- Faridabad, Haryana (INDIA)
Tel.- 0129- 2306574/2306598/2306571 Fax- 0129- 2306572
Toll Free No.- 1800- 180- 4488 (Timing: 9.30 am - 6.00 pm, Monday to Friday)
E-mail- ece.marketing@escorts.co.in Website- www.escortsgroup.com

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

Hub/Mar 2019

Specifications

Weights

| | | | |
|----------------------------|---------|-------|-------|
| Max Operating Weight | (Kg) | 11430 | 11630 |
| Operating Weight | (Kg) | 11130 | 11330 |
| Axle Load - Front | (Kg) | 6590 | 6790 |
| Axle Load - Rear | (Kg) | 4540 | 4540 |
| Static Linear Load | (Kg/cm) | 30.9 | 31.9 |
| Centrifugal Force - Low | (Kg) | 18898 | 18898 |
| Centrifugal Force - High | (Kg) | 27708 | 27708 |
| Total Applied Force - Low | (Kg) | 25448 | 25648 |
| Total Applied Force - High | (Kg) | 34298 | 34498 |

Drive

Hydrostatic Drive, Infinitely Variable

Speed

| | | | |
|---------------|--------|------|------|
| Working Speed | (Kmph) | 0-9 | 0-6 |
| Travel Speed | (Kmph) | 0-23 | 0-10 |

Gradeability

| | | | |
|------------------|-----|----|----|
| Max Gradeability | (%) | 34 | 45 |
|------------------|-----|----|----|

Vibration System

| | |
|---------------------|-------|
| Frequency (Hz) | 33/42 |
| High Amplitude (mm) | 1.90 |
| Low Amplitude (mm) | 0.8 |

Engine

| | |
|----------------|--|
| Make and Model | KOEL 4R1040TA3 |
| Type | Water Cooled, 4 cylinder |
| Rated Power | BS - III (CEV) Emission norm 105 HP@2200RPM |

Steering

| | |
|---------------------------------|-----------|
| Steering Angle (Degree) | ± 36° |
| Oscillation Angle (Degree) | ± 10° |
| Turning Radius-outer/inner (mm) | 5900/3750 |

Brakes

| | |
|--------------------------------|---|
| Service Brake | Hydrostatic |
| Parking Brake, Emergency Brake | Spring loaded brakes, hydraulically released, ON/OFF switch on dashbard panel |

Capacity

| | |
|--------------------------|-----|
| Fuel Tank (Ltr) | 265 |
| Hydraulic Oil Tank (Ltr) | 80 |
| Drum Oil (Ltr) | 5 |

Electrical

| | |
|------------|------------|
| Battery | 12V, 150AH |
| Alternator | 12V, 65 A |
| Starter | 12V |

| Unit | STD | DD |
|------------|-----|-----------|
| Real Wheel | | All Wheel |

STD/DD

Standard Equipment

Canopy with Sun Top, Instrument Panel with a range of Control Instruments including Hour Meter & Light Equipment, Neutral & Parking ON Indicator, RPM Gauge, Fuel Level Gauge, Joystick, Mobile Charger, Vandal Cover, Dust Guard, Anti Slip Pad on Platform, Bottle Hanger, Tail Lamp 4 Chamber, Rear View Mirrors 2 nos., LED work lights 3 nos.

Safety Features

Neutral Start Safety, Emergency Brake Switch, Reverse Alarm, Air Filter Clog Indicator, Hydraulic Filter Clog Indicator, Low Engine Oil Pressure Indicator & Alarm, Hydraulic Oil Temperature Gauge, Battery Not Charging Indicator, Starter Safety Relay, Coolant Temperature Gauge & Indicator, Vibration Cutoff at Neutral & Parking Brake Active Condition, Engine Shutoff at High Coolant Temperature, Over & Long Cranking Protection.

Optional Equipment

Operator Cabin, Cold Starting Kit, Engine Cut stop at Low Pressure, Compactobar with Frequency Meter, Intelligent Compaction System (ICS), Delay Start with Warning Alarm.

Key Features

- Highest Travel Speed in the Industry
- High Total Compaction Force
- High Static Linear Load
- Low Turning Radius
- LED Work Lights

Features



Travel Speed

Highest travelling speed in the industry which increases productivity by reducing idle time, during travel from one site to another site

Compaction Force

Highest total compaction force, static linear load and amplitude reduces the number of passes required to achieve desired compaction



LED Work Lights

Front 1 No. & Rear 2 Nos. LED work lights for smooth night operations



Engine

KOEL 4R1040TA3 is high on power and traction. Low on fuel consumption and maintenance



Operator Platform

Comfortable operator platform with ergonomically located joystick, controls, adjustable seat & excellent all around visibility



Gradeability

High gradeability making it versatile for all applications



Instrument Panel

Instrument Panel with conveniently placed switch for ease of operation, mobile charge & IP 67 compliant electrical connectors for high reliability



Steering Angle

Articulation steering angle is high for low turning radius



Note: Technical modifications reserved. All dimensions & weights are variable within ± 2.5% over indicated values.