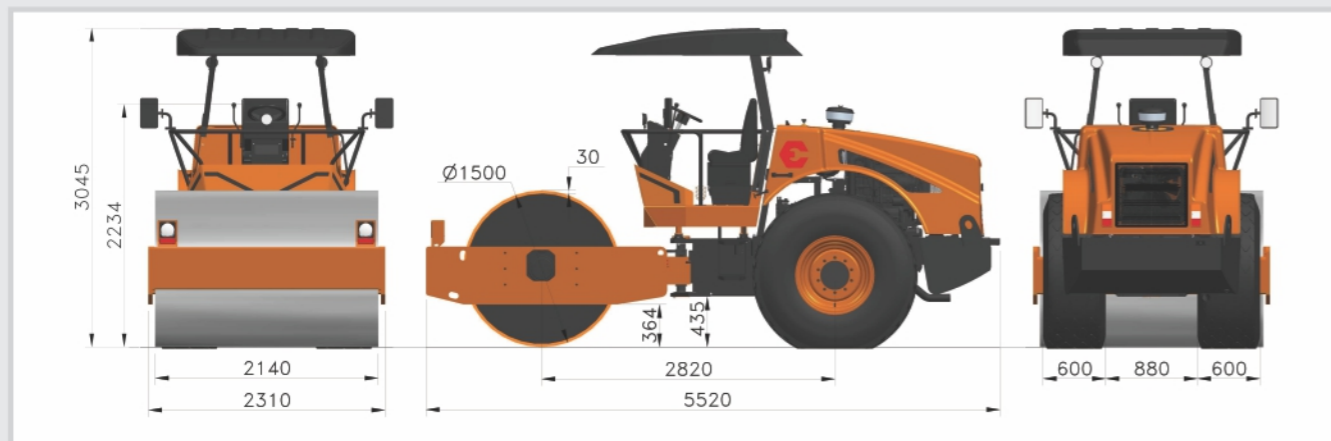




ESCORTS
CONSTRUCTION EQUIPMENT

SOIL VIBRATORY COMPACTOR



STATIC DIMENSIONS

DIMENSIONS	Unit	STD	DD	PD Shell kit
Overall Width	mm	2310	2310	2310
Overall Length	mm	5520	5520	5520
Overall Height	mm	3045	3045	3095
Drum Diameter	mm	1500	1500	1716
Drum Width	mm	2140	2140	2140
Ground Clearance	mm	435	435	485
Wheel Base	mm	2820	2820	2820
Drum Shell Thickness	mm	30	30	30

Rated loads are calculated for operation on leveled surface.

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



ESCORTS
CONSTRUCTION EQUIPMENT

Plot No.- 219, Sector-58, Ballabhgarh- 121 004

Distt.- Faridabad, Haryana (INDIA)

Tel.- +91-129-2306574 / 2306598 / 2306571 Fax- +91-129-2306572

Toll Free No.- 1800- 180- 4488 (Timings: 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 picture may not be the part of standard fitment and are subject to change without prior notice.

Hub/Mar 2019

More power
on the **ground**

EC 3212



Compactor

• **ROLL 'n ROCK** •

ESCORTS ADVANTAGE

ENGINE

POWERED BY FUEL EFFICIENT AND RELIABLE KOEL WATER COOLED ENGINE



Model
4R1040TA3 BS-III

Power
105 hp @ 2200 rpm

Torque
375 Nm @ 1300 rpm

High Idle Speed
2450 +/- 50 rpm

Fuel Injection Pump
Mechanical Rotary Pump

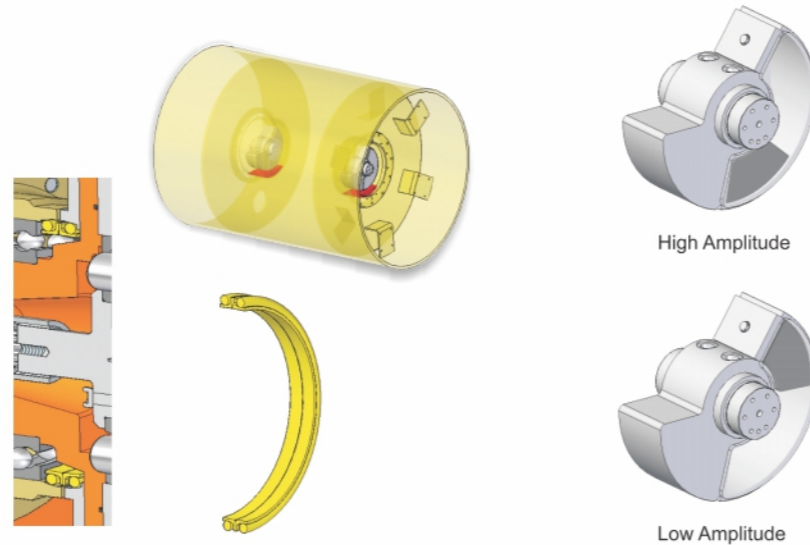
Aspiration
Turbocharged + Intercooled

SIMPLE AND RUGGED DRUM ASSEMBLY

Cartridge type Eccentric weights.
Separate Case housing for oil.
Heavy duty DUCONE metal seal.

ADVANTAGE

Oil quantity just 5 ltr.
Lowest maintenance cost.
Oil immersed Cartridge type.
Eccentric weights & hence silent shifts during starts and stops.



WEATHER PROOF INSTRUMENT CLUSTER & SWITCHES



- IP 67 Rocker switches.
- IP 65 Instrument cluster from front side.
- 12 Volt electrical system with color coded wiring.
- 65 Amp alternator.
- Visual warning for low lube oil pressure & high coolant temp.
- Starting system provides 785 cold cranking amps(CCA).
- Alternator malfunctioning light.

TECHNICAL SPECIFICATIONS

PARAMETERS	Unit	STD	DD	PD Shell Kit
WEIGHTS				
Max Operating Weight	Kg	12100	12300	13700
Operating Weight	Kg	11790	11990	13390
Axle Load - Front	Kg	6960	7160	8560
Axle Load - Rear	Kg	4830	4830	4830
Static Linear Load	Kg/cm	32.5	33.5	-
Centrifugal Force - Low	Kg	16080	16080	16080
Centrifugal Force - High	Kg	26010	26010	26010
Total Applied Force - Low	Kg	23040	23240	24640
Total Applied Force - High	Kg	32970	33170	34570
Pad Foot	Nos.	-	-	120
DRIVE				
Hydrostatic Drive, Infinitely Variable		Real Wheel	All - Wheel	All - Wheel
VIBRATION SYSTEM				
Frequency	Hz	33/40	33/40	33/40
High Amplitude	mm	1.9	1.9	1
Low Amplitude	mm	0.8	0.8	0.5
SPEED				
Working Speed	Km/hr	0-9	0-6	0-6
Traveling Speed	Km/hr	0-23	0-10	0-10
GRADEABILITY				
Max Gradeability	%	30	40	40
ENGINE				
Make			KOEL	
Model			4R1040 TA-3	
Type			4 Cylinder, Water Cooled BS- III	
Combustion System			Direct Injection	
Aspiration			Turbocharged + Intercooled	
Rated Power (Gross)			105 HP@2200 RPM	
Fuel Injection Pump			Mechanical Rotary Pump	
STEERING				
Steering Angle	Deg		± 30	
Oscillation Angle	Deg		± 10	
Turning Radius- Outer/Inner	mm		6480/4340	
BRAKES				
Service Brakes			Hydrostatic	
Parking Brakes, Emergency Brakes			Spring applied, hydraulically released	
TYRES				
2 nos., All Weather Pattern			23.1 / 26-8 PR	
CAPACITY				
Fuel Tank	Ltr		300	
Hydraulic Oil Tank	Ltr		80	
Drum Oil	Ltr		5	

STANDARD EQUIPMENT

Canopy with Sun Top, Cushioned Seat, Seat Belt, Rear View Mirror, Instrument Panel with range of Control Instruments including Hour Meter, Lights, Tool Box, Brake Warning Light, Neutral and Parking ON Indicator, RPM Gauge, Fuel Level Gauge, Dust Guard, LED Work Lights 3 Nos, Mobile charger, Bottle Hanger, Anti Slip Pads on Platform.

SAFETY FEATURES

Neutral Start Safety, Emergency Brake Switch, Reverse Alarm, Air Filter Clog Indicator, Hydraulic Filter Clog Indicator, Warning at Low Lube Oil Pressure, 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 Stop at High Coolant Temperature, Over & Long Cranking Protection.

OPTIONAL FITMENT

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

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