

## SUPPORT NETWORK

### Experience Our Mobile Service Van For Fast And Reliable Solutions



#### ADDRESS:

##### North Zone

ESCORTS LTD. - CONSTRUCTION EQUIPMENT  
4<sup>th</sup> Floor 409, Jasola Vihar,  
Elegance Tower, Near Apollo Metro Station,  
New Delhi -110019

##### East Zone

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

##### West Zone

ESCORTS LTD. - CONSTRUCTION EQUIPMENT UNIT 1,  
3<sup>rd</sup> Floor, A-Wing, Times Square,  
Andheri - Kurla Road, Opp. Mittal Industrial Estate,  
Andheri (East), Mumbai 400059 (Maharashtra)

##### South Zone

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

WHEN YOU NEED EXTRA

# 5511



Kirloskar Engine: 110 HP | Static Linear Load: 31.9 Kg/cm | Total Applied Force: 34.5 T



SPECIFICATIONS

ENGINE	STD/DD
Make and Model	KOEL 4R1190TA
Type	Water Cooled, 4 Cylinder CEV - IV Emission Norm
Rated Power	110 HP @ 2200 RPM
Low Idle RPM	800 ± 5
Flyup RPM	2420 ± 5

DRIVE	STD	DD
Hydrostatic Drive, Infinitely Variable	Real Wheel	All Wheel

STEERING	STD/DD
Steering Angle (Degrees)	± 36°
Oscillation Angle (Degrees)	± 10°
Turning Radius-Outer/Inner (mm)	5500/3370

SPEED	STD	DD
Working Speed (kmph)	0-9	0-6
Travel Speed (kmph)	0-23	0-10

GRADEABILITY	STD	DD
Max Gradeability (%)	34	45

VIBRATION SYSTEM	STD	DD
Frequency (Hz)	33	42
High Amplitude (mm)	1.90	1.90
Low Amplitude (mm)	0.8	0.8

CAPACITY	STD	DD
Fuel Tank (Ltr)	265	265
Hydraulic Oil Tank (Ltr)	80	80
Drum Oil (Ltr)	5	5

ELECTRICAL	STD/DD
Battery	12V, 180AH
Alternator	12V, 65 A
Starter	12V

WEIGHT	UNIT	STD	DD
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

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

SALIENT 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
Battery cut off switch

OPTIONAL ACCESSORIES
Cold Starring 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.

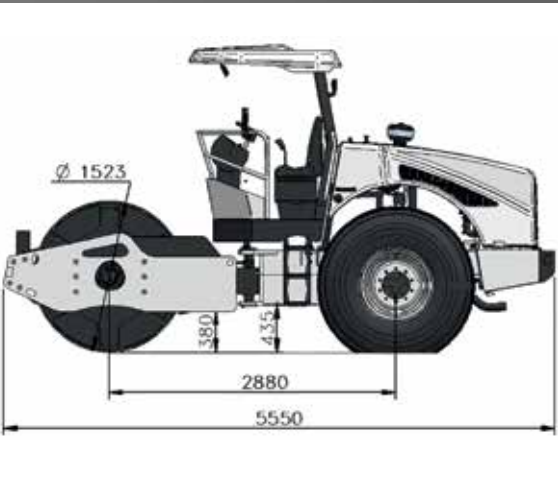
**Compaction Force**  
Highest total compaction force, static linear load and amplitude reduces the number of passes required to achieve the desired compaction.



**LED Work Lights**  
1 front & 2 rear LED work lights for smooth operation at night.



**Engine**  
KOEL 4R1190TA 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 makes it versatile for all applications.



**Steering Angle**  
Articulation Steering Angle is high for low turning radius.



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

