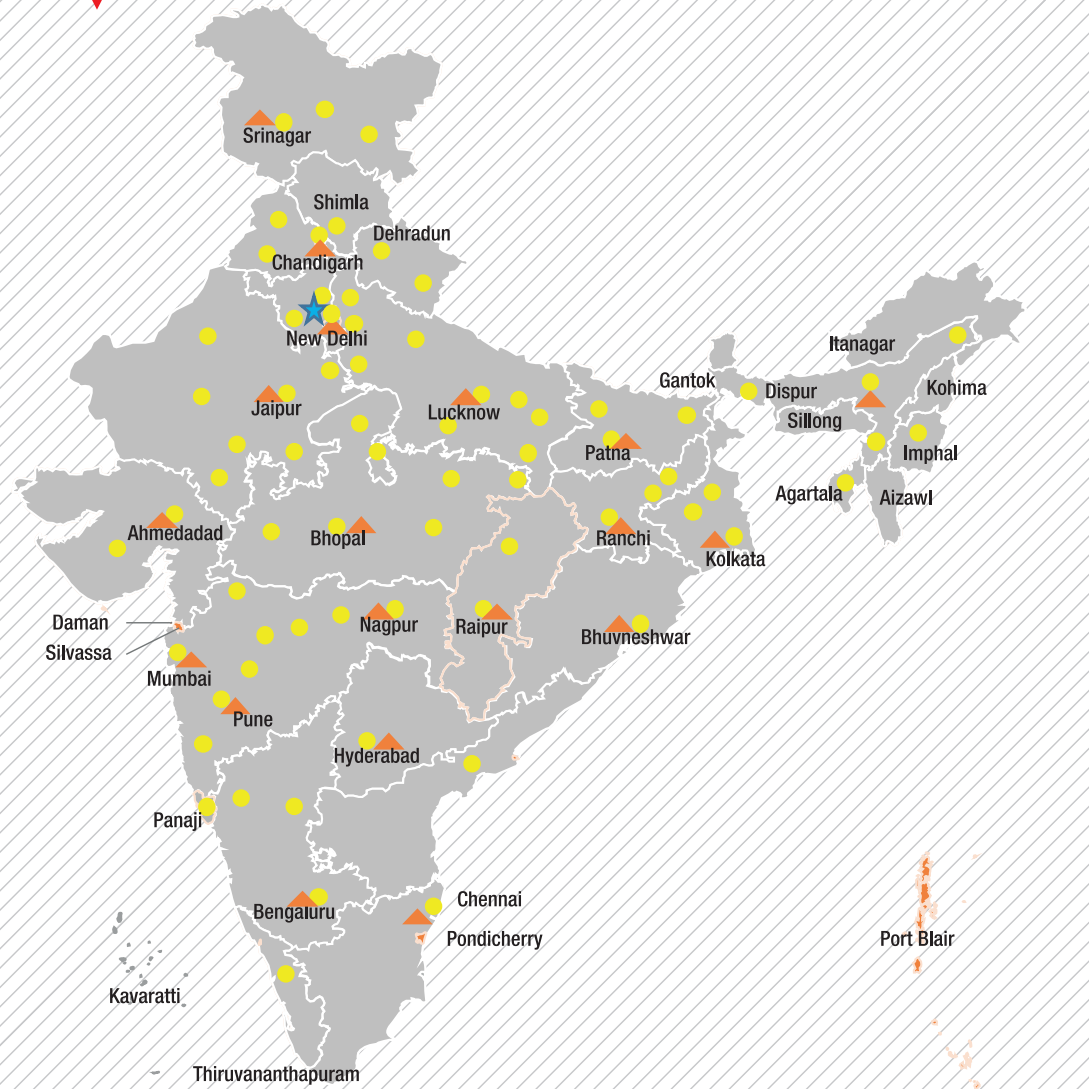


# HD 85 PLUS

## OUR REACH



★ Head Office | ▲ 17 Business Center | ● 80+ Dealers | 200+ Customer Touch points(CTP)



**Toll Free No.:**  
**1800-180-4488**

(Timings: 9:00 am - 5:30 pm, Monday to Saturday)

Escorts Kubota Limited (Construction Equipment)  
Plot No. 219, Sector- 58, Ballabhgarh- 121 004, Faridabad, Haryana (INDIA)  
Tel.: 0129-2306574/2306598/2306571  
Fax: 0129-2306572 Website: [www.escortskubota.com](http://www.escortskubota.com)  
e-mail: [ekl\\_g.ece.marketing@escortskubota.com](mailto:ekl_g.ece.marketing@escortskubota.com)



GET IT ON  
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Download Customer App  
for more details

Authorised Dealer

MKT/24\_11/HD 85 PLUS

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

# HD 85 PLUS TAKE THE ROAD AHEAD



- Escorts Kubota Engine
- CEV II Safety Compliant
- EMI & EMC Compliant
- Low Ear Level & Pass by Noise



Operating Weight  
**9.4T**



Fuel  
**Efficient**



Compaction Force  
**High**



Gradeability  
**High**



Maintenance Cost  
**Low**

## SPECIFICATIONS

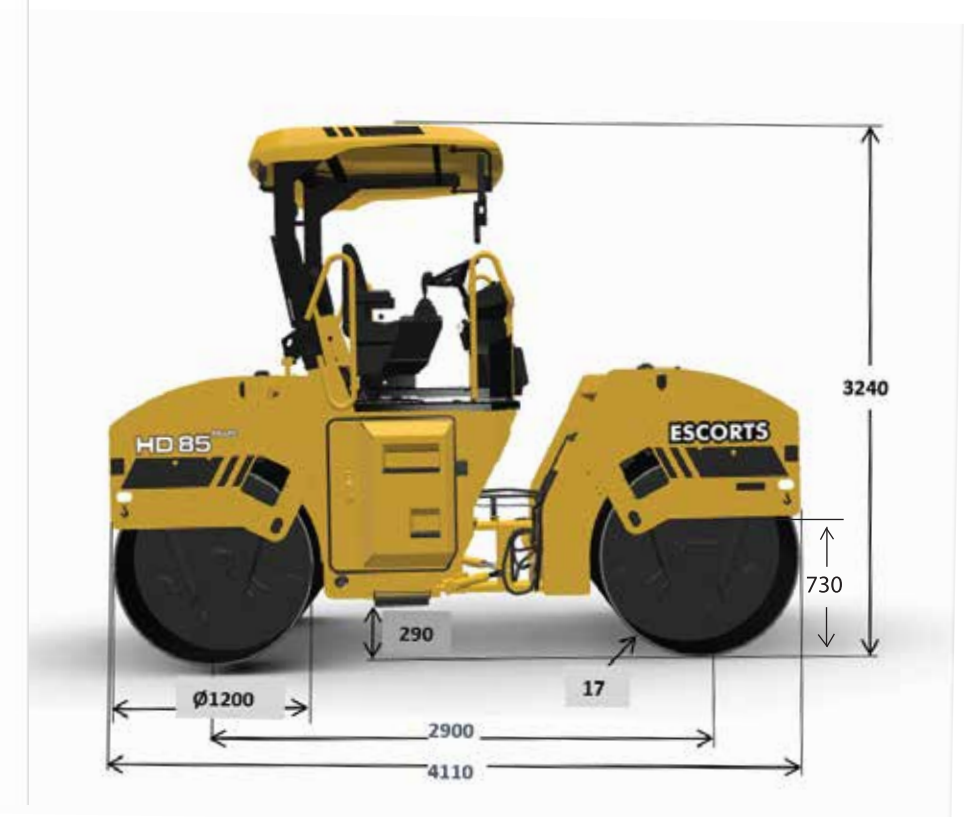
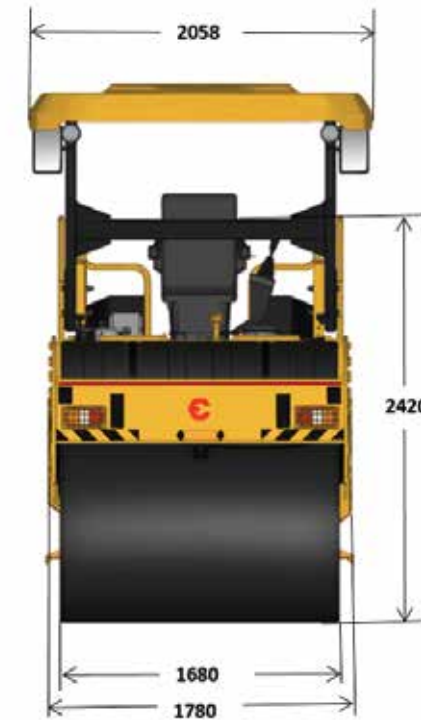
ENGINE	
Make Type	Escorts Kubota E4.368, CEV V 4 cylinder, turbo charged, water cooled, electronic diesel engine
Rated Power	55kW/ 75 HP @ 2000 RPM
STEERING	
Steering Angle	± 30°
Oscillation Angle	± 10°
Turning Radius- outer/ inner	6.48 m / 4.75 m
WEIGHT	
Operating Weight	9,375 kg
Weight on Front Drum	4,550 kg
Weight on Rear Drum	4,825 kg
Static Linear Load Front/ Rear	27.1/28.7 kg/cm
Centrifugal Force per Drum, Low	6,020 kgf
Centrifugal Force per Drum, High	6,626 kgf
Total Applied Load Both Drums, Low	21,415 kgf
Total Applied Load Both Drums, High	22,627 kgf
SPEED	
Working Travelling	6 km/h 12.0 km/h
GRADEABILITY	
Gradeability without Vibration	36%
Gradeability with Vibration	30%
VIBRATION SYSTEM	
Frequency	33/ 50 Hz
High Amplitude	1.0 mm
Low Amplitude	0.4 mm
CAPACITY	
Water Tank	800 L
Fuel Tank	160 L
Hydraulic Oil Tank	80 L
ELECTRICAL SYSTEM	
Battery	12V, 150 Ah
BRAKES	
Service Brake	Hydrostatic
Parking Brake, Emergency Stop	Spring Applied Hydraulically Released (SAHR) on both drums

DIMENSIONS	Unit
Machine Length	4,110 mm
Machine Width	1,780 mm
Height (with Canopy)	3,240 mm
Loading Height	2,420 mm
Drum Width	1,680 mm
Drum Diameter	1,200 mm
Shell Thickness	17 mm
Wheel Base	2,900 mm
Ground Clearance	290 mm
Kerb Clearance	730 mm

- ### SALIENT FEATURES
- Tilttable Steering
  - Sliding Operator Seat
  - Collapsible Roll Over Protection System (ROPS)
  - Double Water Pump
  - Fuel Level Gauge
  - Water Level Gauge
  - Digital Instrument Cluster (CAN based)
  - Driver Seat with Seat Belt
  - FnR Lever with Vibration ON/OFF Switch

- ### SAFETY DEVICES
- Neutral Start Switch
  - Air Filter Clog Indicator
  - Hydraulic Filter Clog Indicator
  - Visual Warning for Parking Brakes
  - Auto-Vibration & Sprinkler Cut- Off
  - Starter Safety Relay
  - Audio Visual Warning for High Coolant Temperature & Low Lube Oil Pressure
  - Long Cranking Protection
  - Vibration Delay Relay
  - Battery Cut-Off Switch

- ### KEY FEATURES
- High Static Linear Load
  - Low Turning Radius
  - Compact Design
  - High Kerb Clearance for effective Compaction along Culverts
  - Swivel Operator Seat including Steering Wheel, FnR Lever and Instrument Panel for Drum Edge Visibility
  - Foldable ROPS Frame to minimize transport height
  - Sprinkler Nozzles Visible From Operator Seat
  - Water Pump, 2 no's. for Uninterrupted Operation
  - Operator Seat with Seat Belt

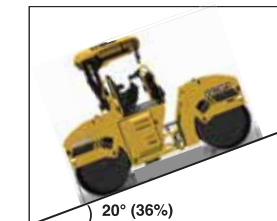


## FEATURES



**FORWARD REVERSE LEVER WITH VIBRATION CONTROL**

- Near operator seat for reduced operator fatigue
- Vibration ON/OFF switch provided for ease of operation
- Neutral safety, reverse alarm provided



**GRADEABILITY AND COMPACTION SYSTEM**

- High gradeability making it versatile for all applications
- Optimised setting amplitude 1.0/0.4 mm with frequency 33/50 Hz
- Delay Relay to avoid the sudden impact while switching from one frequency to another
- High Kerb Clearance for better road Edge Compaction



**INSTRUMENT PANEL**

- IP67 compliant (dust and water resistant) instrument panel & rocker switch for high reliability



**OPERATOR PLATFORM**

- Ergonomically designed space for operator comfort
- Foldable 2 post canopy legs for ease of transportation
- Rotating platform with tilttable steering
- Resilient rubber mounts (AVM), for minimizing vibration in operator platform for comfortable operation



**COMPACT DESIGN**

- Near 360° Visibility for maximised productivity
- Clear drum edge visibility from operator seat
- Minimum Transportation Cost



**SPRINKLING SYSTEM**

- Sprinkling nozzles visible from operator seat
- Sprinkling nozzles with three stage filtration to avoid clogging
- Tongue-type nozzles to avoid rusting

**NOTE** Technical modification reserved. All dimensions, speed & weights are variable within ± 5% over indicated values.