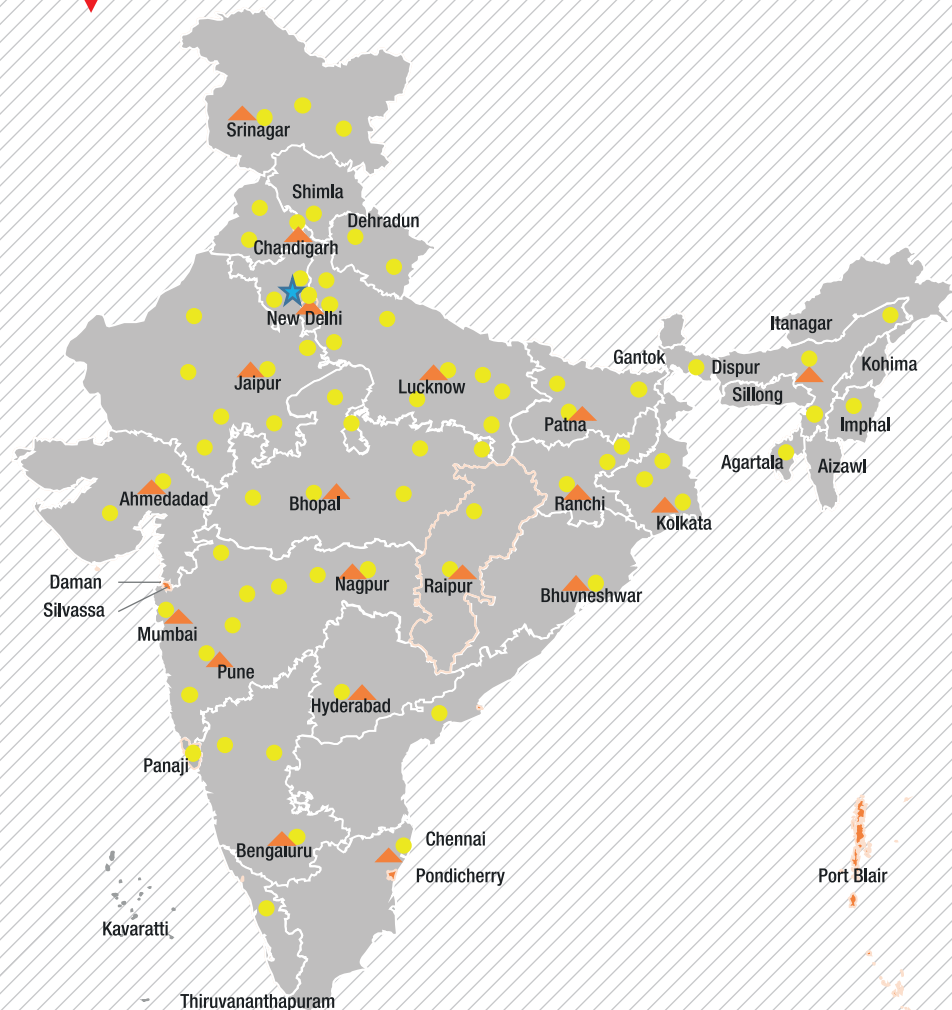


HD 85 PLUS

OUR REACH



★ Head Office | ▲ 17 Business Center | ● 73 Dealers | 825+ Customer Touch points (CTP)



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

e-mail: eklg.eco.marketing@escortskubota.com

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.escortsgroup.com



Authorised Dealer

MKT/24.6/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



Operating Weight
9 t



Fuel
Efficient



Compaction Force
High



Gradeability
High



Maintenance Cost
Low

SPECIFICATIONS

ENGINE	
Make	ESCORTS E4.346CRS4
Type	4 Cylinder, Water Cooled, CEV STAGE-IV Emission Norms
Rated Power	75 HP @ 2000 RPM
STEERING	
Steering Angle	± 30°
Oscillation Angle	± 10°
Turning Radius-outer/inner	6 475 mm / 4 750 mm
WEIGHT	
Operating Weight	9 120 kg
Weight on Front Drum	4 470 kg
Weight on Rear Drum	4 650 kg
Static Linear Load Front/ Rear	26.6 / 27.7 kg/cm
Centrifugal Force per Drum, Low	6 020 kg
Centrifugal Force per Drum, High	6 626 kg
Total Applied Load Both Drums, Low	21 161 kg
Total Applied Load Both Drums, High	22 372 kg
SPEED	
Working	0-8.5 km/h
Travelling	0-13.8 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, 150AH
BRAKES	
Service Brake	Hydrostatic
Parking Brake, Emergency Stop	Spring Loaded Brake, Hydraulically released on both drums

DIMENSIONS	Unit
Length	4 175 mm
Width	1 780 mm
Height (With Canopy)	3 110 mm
Loading Height	2 680 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

- Tiltable Steering
- Sliding Operator Seat
- Collapsible Roof
- Double Water Pump
- Fuel Level Gauge
- Water Level Gauge

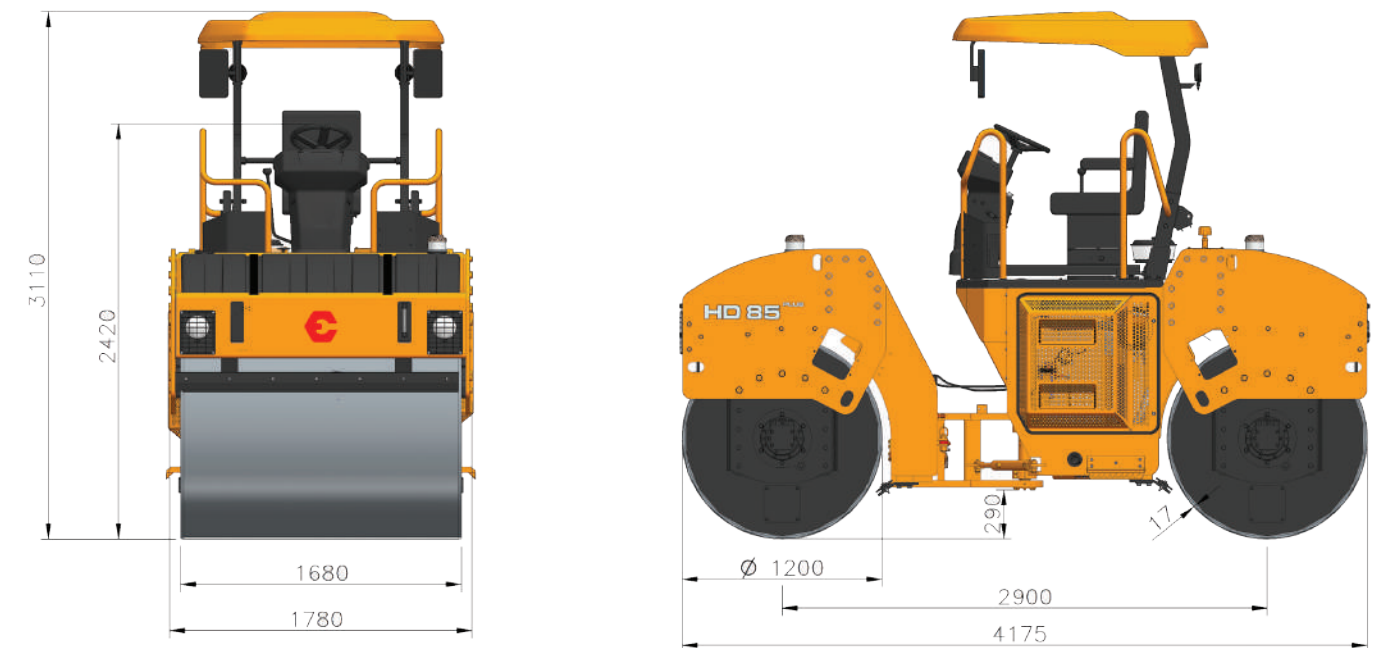
SAFETY DEVICES

- Neutral Start Switch
- Air Filter Clog Indicator
- Hydraulic Filter Clog Indicator
- Visual Warning Against Parking Brakes on
- Auto-Vibration & Sprinkler Cutoff
- Starter Safety Relay
- Audio Visual Warning For High Coolant temperature & Low Lube Oil Pressure
- Over & Long Cranking Protection
- Vibration Delay Relay
- Battery Cut off Switch

KEY FEATURES

- Sprinkler Nozzles visible from operator seat
- Water Pump, 2 nos. for uninterrupted operation
- Foldable canopy frame to decrease height during transportation
- High kerb clearance for effective compaction along culverts
- Swivel Operator seat including steering wheel, FNR lever and instrument panel for drum edge visibility
- High Static Linear Load
- Low Turning Radius
- Compact Design

HD 85 PLUS



FEATURES



ENGINE

- 75 HP 4 Cylinder CEV STAGE-IV Emission Norms water cooled engine
- Best-in-class fuel economy
- High on performance
- Low maintenance cost



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

- Dust and Weather proof instrument panel
- IP 67 Compliant instrument panel and 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 tiltable steering
- Resilient rubber mounts, low vibration transfer to operator



OPTIMUM VISIBILITY

- 360° visibility
- Clear drum edge visibility from operator seat
- Compact design



SPRINKLING

- Sprinkling nozzles visible from operator seat
- Sprinkling nozzles with three stage filtration to avoid clogging
- Tongue-type nozzles to avoid rusting
- Wide flat fan with a sharp delimited spray pattern for long last uses

HD 85_{PLUS}

Kubota
Escorts Kubota Limited

HD 85_{PLUS} **TAKE THE
ROAD
AHEAD**

