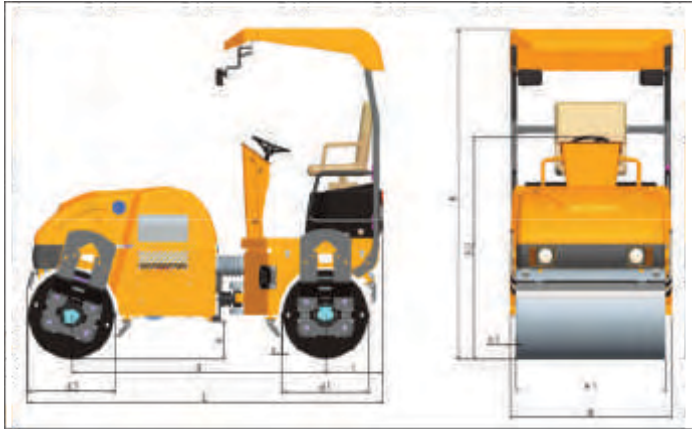


CASE 450dx SPECIFICATION SHEET

Description	Specification
Engine (HP@RPM)	45HP@2300 RPM as per BS-III
Make	Mahindra & Mahindra Industrial
Maximum Gross Torque (RPM)	159 Nm@1400 RPM
Cooling	Water
Operating Weight (Kgs)	3225
Front Axle Load (Kgs)	1550
Rear Axle Load (Kgs)	1675
Static Linear Load - Front (Kg/cm)	12.4
Static Linear Load - Rear (Kg/cm)	13.4
Vibration Stage	2
Frequency High - HF (Hz)	65
Frequency Low - LF (Hz)	55
Amplitude (mm)	0.6
Centrifugal Force (Kgf) HF per Drum	4360
Centrifugal Force (Kgf) LF per Drum	3120
Maximum applied Force (Kgf) per drum	6035
Working Speed (Kmph)	0-12
Transport Speed (Kmph)	0-12
Gradeability with/without Vibration (%)	25/30
Steering Angle (either side) Deg	33
Turning Radius (M)	3

Description	Specification
Oscillation Angle - (Degree) each side	10
Service Brake	Hydrostatic
Parking Brake	Spring applied, hydraulically released on rear drum
Hydraulic Oil Filter	Travel & Vibration Circuit Filter -Tank mounted type
Sprinkler System	Pressurized
Water Pump	Electric Diaphragm
Nozzles	6 Nozzles per drum
Water Tank Capacity	110 Ltr (Total)
Diesel Tank Capacity	45 Ltr
Hydraulic Tank Capacity	45 Ltr
Drum Scrapper	2 Scrapper per Drum, Self Adjusting
Control Instruments	Fuel level indicator, Hydraulic oil level indicator, Front & Rear light switch, Vibration cut off switch, Hour meter, Drum & Frequency selection switch, Engine water temperature gauge, Engine lub oil pressure gauge & Ignition switch
Indicator	Neutral, Parking brake, Battery charging, Low lub oil pressure, Turn & Hazard indicator, Filter clogging
Steering	Hydrostatic (Center Point Articulation)
Safety Features	MCB protection, Automatically applied parking brake in case of engine shutdown & no vibration in neutral
Standard Equipment	2 Frequency, Both drums or front drum Vibration, Sun roof, Horn, Front and Rear working lights, Turn Indicator, Hazard Lights & Parking Lights

Note: All parameters are within + 2.5% of the specified values. Specifications are subject to change without notice.



DIM	a	b	c	d1=d2	h1	h2	k	L	o1	s	w1=w2
mm	2123	1360	495	725	2680	1775	290	2990	70	12	1250



CASE NEW HOLLAND CONSTRUCTION EQUIPMENT INDIA PRIVATE LIMITED factory at Pithampur



For further information, please contact:

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Case Construction Equipment is a brand of CNH Industrial, a global leader in the capital goods sector with established industrial experience, a wide range of product and a worldwide presence.

Authorised Dealer

Specification subject to change without notice due to product upgradation



CASE 450dx
TANDEM VIBRATORY COMPACTOR



We make machines that build the nation



Large antivibration mounts for effective isolation and long life.



Compact design - equal distribution of weight for even compaction. Even distribution of load during transportation.



Easy accessibility to all components for quick and effortless maintenance.



Articulation lock for transportation.



Well ventilated engine compartment.



Pressurised water sprinkler system for use on asphalt - single pump operation.



Large sunroof for protection of the operator from sun and rain.

FEATURES OF THE
‘SMALL WONDER’



High steering angle



Ideally suited for shoulder compaction & service roads.



High ground clearance for working on uneven surfaces.



High kerb clearance for effective operation alongside culverts.



Simple and functional control panel. Rugged electrical connections.

Application Guidelines

a) Soil Compaction			
Material	Sand & Gravel	Mixed Soil	Clayey Soil
Layer thickness in m	0.3	0.25	0.15
b) Asphalt Compaction			
Application	Wear Course	Binder Course	Base Course
Layer thickness in m	0.3	0.25	0.15
Area Output	300-600 m ² /Hr.	250-350 m ² /Hr.	250-350 m ² /Hr.

Note: Above data is only indicative. Actual output depends on site conditions & requirements.



World class hydraulic components.