

**TANDEM VIBRATORY COMPACTOR
450DX**

CASE
CONSTRUCTION



**WE MAKE MACHINES
THAT BUILD THE NATION**

CaseCE.com
EXPERTS FOR THE REAL WORLD
SINCE 1842

FEATURES OF THE **SMALL WONDER**

SUNROOF

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

COMPACT DESIGN

- Equal distribution of weight for even compaction
- Even distribution of load during transportation

COMPACTION & SERVICE ROADS

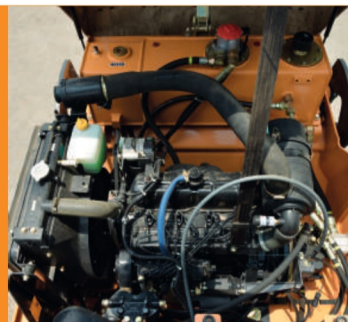
- High kerb clearance for effective operation alongside culverts
- Ideally suited for shoulder compaction & service roads

GROUND CLEARANCE

- High ground clearance for working on uneven surfaces



WORLD-CLASS HYDRAULIC COMPONENTS



EASY ACCESS

Easy accessibility to all components for quick and effortless maintenance.

TANDEM VIBRATORY COMPACTOR

450DX

CONTROLS

- Simple and functional control panel
- Rugged electrical connections

VENTILATED ENGINE

- Well ventilated engine compartment



WATER SPRINKLER SYSTEM

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

ANTI-VIBRATION MOUNTS

- Large anti-vibration mounts for effective isolation and long life



**ARTICULATION
LOCK FOR
TRANSPORTATION**



**HIGH
STEERING
ANGLE**

SPECIFICATIONS

ENGINE

Engine.....45H @ 2300 RPM as per BS-III
 Make.....Mahindra & Mahindra Industrial
 Maximum Gross Torque..... 159 NM @1400 RPM
 Cooling.....Water

POWERTRAIN

Working Speed..... 0-12 Km/h
 Travel Speed.....0-12 Km/h
 Gradeability with/without vibration..... 25/30 %

STEERING

Steering..... Hydrostatic (Center Point Articulation)
 Steering Angle (either side).....33°
 Turning Radius.....3 m
 Oscillation Angle - each side.....10°

BRAKES

Service Brake..... Hydrostatic
 Parking Brake.....Spring applied, hydraulically released on rear drum

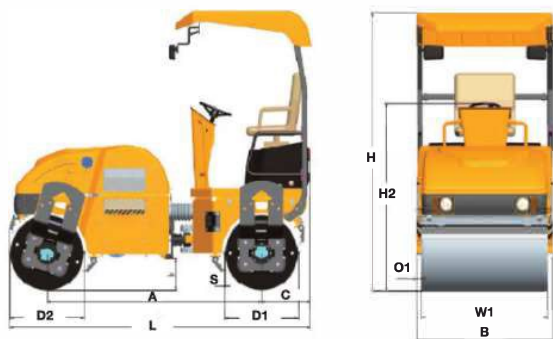
SERVICE CAPACITIES

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 L
 Diesel Tank Capacity.....45 L
 Hydraulic Tank Capacity.....45 L
 Drum Scraper.....2 Scraper per Drum

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

DIMENSIONS

A	2123	H1	2680	O1	70
B	1360	H2	1775	S	12
C	495	K	290	W1=W2	1250
D1=D2	725	L	2990		



INSTRUMENTATION

CONTROLS

- Fuel level Indicators
- 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

INDICATORS

- Neutral
- Battery Charging
- Lube Oil Pressure
- Parking Brake
- Turn & Hazard indicator
- Filter clogging

SAFETY FEATURES

- MCB Protection
- Automatically applied parking brake in case of engine shutdown & no vibration in neutral

VIBRATION SYSTEM

Vibration Stage	2
Frequency High - HF	65 Hz
Frequency Low - LF	55 Hz
Amplitude	0.6 mm
Centrifugal Force (Kgf) HF per Drum	4360
Centrifugal Force (Kgf) LF per Drum	3120
Maximum applied Force (Kgf) per Drum	6035

OPERATING DATA

Operating Weight	3225 kgs
Front Axle Load	1550 kgs
Rear Axle Load	1675 kgs
Static Linear Load Front	13,4 kgs/cm

STANDARD EQUIPMENT

- 2 Frequency
- Both drums or drum Vibration
- Sun roof
- Front and rear working lights
- Turn Indicator
- Hazard Lights & Parking Lights

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NOTE: CASE provides specific outfits for various countries and many optional fittings (OPT). The illustrations on this or other leaflets may relate to standard or optional fittings. Please consult your CASE dealer for any information in this regard and any possible updating on components. All dimensions are variable within 2.5% CNH Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

