



EX SERIES VIBRATORY SOIL COMPACTOR

BS4
CEV

Telematics
SiteWatch™
Stay Connected Always



*The product images shown are for illustration purposes only and may not be an exact representation of the product.

1107EX | 1107EX-D | 1107EX-PD
1107EX PLUS | 1107EX-D PLUS | 1107EX-PD PLUS

MAIN REASONS TO CHOOSE 1107EX SERIES



CEV IV ENGINE AND HIGH EFFICIENCY

- AL H4 engine for precisely controlled fuel injection and optimum power & torque delivery, better drivability & improved fuel efficiency **NEW**
- Auto idle feature for up to ~3% improved fuel efficiency **NEW**



UNMATCHED VERSATILITY

- 2 Vibration stages provided by a variable displacement control, for effective & versatile compaction
- Perfect match of frequency, amplitude & highest centrifugal forces - giving industry leading compaction forces
- Best-in-class maneuverability: $\pm 15^\circ$ oscillating & $\pm 37^\circ$ steering angle resulting in shorter turning radius of 3.42m
- Standard front & rear work lamps for day-night visibility



COMFORTABLE AND SAFE OPERATION STATION

- 6-way adjustable rotating suspended seat along with attached FNR lever with vibration cutoff switch
- Wide steps and robust grab handles
- New rear-end exhaust & sloping reinforced engine hood **NEW**
- Highest operator platform & two side mirrors for 360° view & better heat insulation
- Operator station mounted on AVM pads
- Accessible battery cutoff switch **NEW**



EASY AND LOW COST MAINTENANCE

- New & reinforced Hook lock **NEW**
- Easy service access from ground level of engine, hydraulic & electrical components
- Ground filling of diesel, hydraulic oil & DEF (urea) tanks **NEW**
- Diagnostic OBD port below front console **NEW**
- Automatic error codes generation & on-cluster display **NEW**
- Easily accessible after Treatment (Urea spray box) at the rear end **NEW**
- New Radiator to improve engine durability **NEW**
- Auto fan belt tensioner for long maintenance hours **NEW**
- Coolant box inside the engine hood **NEW**



GENERATIONS LONG RELIABILITY

- Proven 4- point articulation joint for most severe applications
- Renowned world -class components from brands like Carraro, Poclain, Danfoss & Bosch
- Foldable & removable canopy for ease of transportation
- 25 mm (STD model) & 32mm (PLUS model) thick drumshell provides excellent compaction
- Dual Scrapper Bar (optional) for smooth working in muddy operations
- Heavy duty support frame & crossbar for structural rigidity



ADVANCED SAFETY FEATURES

- Audio visual warning alert system **NEW**
- Engine protection shutdown **NEW**
- Radiator & engine fan safety grill **NEW**
- Neutral safety switch
- Secondary brake switch on cluster **NEW**
- Large capacity Antitheft fuel tank inside hood



FIRST RATE FLEXIBILITY

- 1107EX with standard rear drive
- 1107 EX-D with drum drive for better traction on high gradients and landfills like dams
- 1107 EX-PD with clamp-on pad & drum drive (factory fitted) for cohesive materials like silt & clay for waste management application etc.



HIGH COMPACTION PARAMETERS

- The New EX series with Max static linear load of 29.4 kg/cm, centrifugal force of 263 kN, an optimized amplitude of 1.8 mm/0.8 mm & frequency of 31/34 Hz.
- Matches with the natural frequency of a variety of soil conditions giving maximum compaction levels



NEW GENERATION CLUSTER

- New glare free cluster with Vandal Guard
- 12 Volt Power socket for mobile charging & other accessories **NEW**
- Digital diagnostic screen with hour meter reading display **NEW**
- Emergency stop switch on front cluster **NEW**



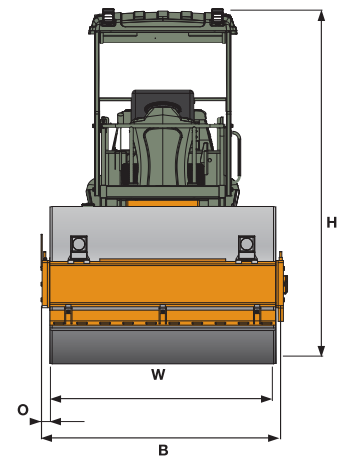
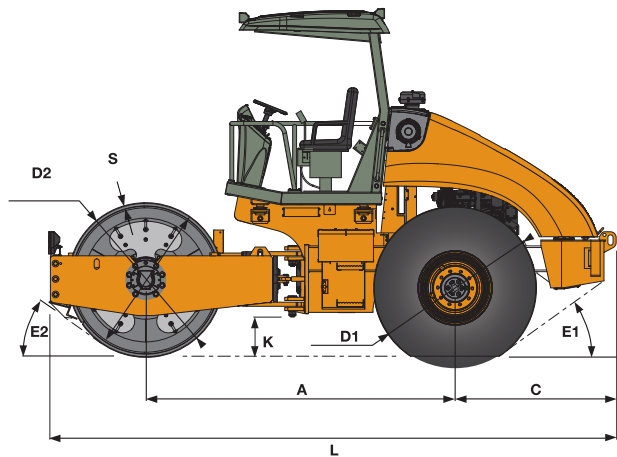
Telematics
SiteWatch™ **NEW**
Stay Connected Always

CONNECTED MACHINE

- CASE "SiteWatch" Telematics as standard offering
- **First in Industry** to Offer Telematics on Vibratory Compactors
- **Fleet Management** - Enhanced productivity by efficient resource allocation
- **Asset Tracking & Recovery** - Improved Safety
- **Maintenance & Downtime reduction** - Enhanced Customer service
- **Data Driven decision making** - Improved profitability

ENGINE	
Engine Brand	AL
Engine Model	H4
Cylinders	4
Displacement (L)	3.83
Air Intake	Turbocharged with Internal EGR
Fuel Injection	Electronic, Common Rail Direct Injection
Emission level	Tier 4B / India CEV Stage-IV
Max Gross Power (kW/hp) @2200rpm (ISO 14396)	73.7 / 100
Max Gross Torque (Nm) @1500rpm (ISO 14396)	450
VIBRATION SYSTEM	
Type	Variable displacement bi-directional axial piston pump with electrical displacement control
Drive to Vibration Pump	Mechanical
Engine to Pump Ratio	Direct Drive 1:1
Vibration Motor	Fixed displacement mounted on drum
STEERING	
Steering Type	Articulated Hydrostatic Steering
Steering Angle	37° on either side
Turning Radius (inner/outer) (m)	3.42 / 5.83
Drum Oscillation Angle	±15°
ELECTRICAL SYSTEM	
Battery	12 volts, 130 Ah
TYRES	
Tyre Size	23.1-26 8PR
SERVICE CAPACITIES	
Fuel Tank (L)	235
Hydraulic Tank (L)	70
Engine Crank Case (L)	12
Coolant (L)	17.5
Adblue/ DEF tank (L)	24
PROPULSION	
Type	Infinitely variable hydrostatic drive with variable displacement pump

MACHINE SPEED					
Working Speed	5.5 km/hr (1.53 m/sec)				
Travel Speed	11.5 km/hr (3.19 m/sec)				
Final Drive	High Torque Outboard Planetary				
GRADEABILITY					
Without Drum Drive (%)	31 (17°)				
With Drum Drive (%)	36 (20°)				
Intermittent (%)	40 (22°)				
OPERATING DATA		1107EX / EX PLUS	1107EX-D / EX-D PLUS	1107EX-PD / EX-PD PLUS	
Operating Weight (kg)	10800 / 11300		10900 / 11400		12000 / 12500
Front Axle Load (kg)	5800 / 6300		5900 / 6400		7000 / 7500
Rear Axle Load (kg)	5000		5000		5000
Static Linear Load Front (kg/cm)	26.7 / 29.0		27.2 / 29.4		-
VIBRATION SYSTEM		1107EX / EX PLUS	1107EX-D / EX-D PLUS	1107EX-PD / EX-PD PLUS	
Vibration Stages	1 st	2 nd	1 st	2 nd	1 st
Frequency (Hz)	31	34	31	34	34
Amplitude (mm)	2.0 / 1.8		0.9 / 0.8		0.9 / 0.8
Centrifugal Forces (kN)	263.0	145.4	263.0	145.4	145.4
Max Applied Force (kN)	319.4 / 324.1	201.8 / 206.5	320.2 / 324.9	202.7 / 207.4	217.9 / 218.0
DIMENSIONS					
A - Horizontal Distance From Drum Center to Tyre Center (m)					3.003
B - Overall Width of Machine (m)					2.32
C - Rear Overhang (m)					1.56
D1 - Diameter of Rear Tyres (m)					1.38
D2 - Diameter of Drum (m)					1.5
H - Overall Height of Machine - without / with Folded Canopy (m)					3.37 / 2.99
K - Ground Clearance (m)					0.362
L - Overall Length of Machine (m)					5.51
O - Side Overhang (m)					0.087
S - Drum Shell Thickness					STD - 25 mm (0.025 m), PLUS - 32 mm (0.032 m)
W - Overall Width of Drum (m)					2.15
E1 - Rear Departure Angle (degree)					36
E2 - Front Departure Angle (degree)					35



CIN: U29240DL1998PTC344616
CASE NEW HOLLAND CONSTRUCTION
EQUIPMENT (INDIA) PRIVATE LIMITED
 Level-4, Rectangle-1, D-4, District Center,
 Commercial Complex, Saket, New Delhi – 110017
 Contact No.: 011-66544151
 Email: caseindia@cnhind.com

CaseCE.com 1800 4199 770

NOTE: Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your CASE dealer. Furthermore, CNH Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

DISCLAIMER: ±2.5% variation on parameters may occur and is acceptable by the industry norms.