

EX SERIES TANDEM VIBRATORY COMPACTOR

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952EX 952EX PREMIUM

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TANDEM VIBRATORY COMPACTOR 952EX



SAFE AND COMFORTABLE OPERATOR STATION

- Secondary brakes added for enhanced safety NEW
- Sliding comfortable operator seat
 STANDARD
- Sliding & Rotating suspended seat with Dual FNR levers & Tilt Steering
- Ergonomically located controls with FNR lever
- AVM pads for minimizing vibrations in operator platform giving comfortable ride
- Improved operator level noise
- Good ground clearance for site maneuverability
- Safety seat belt as standard



ALL ROUND VISIBILITY · Best-in-class front and rear visibility

- · Large mirrors provide wide view to rear- additional safety while working
- Well located work lights
- New styled operator console design for better front visibility
- Sloping water tank with clearly visible sprinkler nozzles



ADVANCED CONSOLE

- Audio Visual warning system with 19 visual & 10 audio warning alerts like water in fuel, low engine oil pressure, air filter clogging, hydraulic filter clogging, engine coolant temperature, low water & fuel level, engine RPM NEW
- Intuitive & easy to read display
- Digital HMR (hour meter reading)



SUPERIOR EFFICIENCY

- Diesel oxidation catalyst (DOC) system for exhaust aftertreatment NEW
- Upto 5% improved fuel efficiency with Auto Idle feature NEW
- Turbocharged CEV Stage IV (India) compliant electronic engine with ECU enhances engine responsiveness
- After-cooler system for superior performance
- Higher air intake density & better torque delivery







reliability

B9



CASE

NEW AGE DESIGN

- · Compact design with best-in-class transportability
- · Collapsible 2 post canopy for ease of transport
- 2 caps per water tank for ease of filling from both sides of machine
- Large water filling ports & cover plates for easy internal cleaning of water tanks
- Adjustable 2 nos. of scrappers per drum made up of fiber for prolonged work life • HSRP (number plate) provision on both front & rear

FEATURE PACKED CLUSTER

- Auto Idle feature NEW
- Engine protection shutdown NEW
- Electronic RPM rotary knob NEW
- · Easily accessible & large emergency stop button
- Double crank protection ignition switch
- · Durable rocker switches easily accessible from seat
- Large & low effort steering wheel

RELIABILITY

- New plate & bar type radiator for performance & reliability NEW
- · Heavy duty articulation joint
- Heavy duty high speed-low torque (HSLT) travel motor and reduction gear box
- Electrical air clog indicator on console to avoid unplanned downtime
- Hinged service doors provide easy service access over conventional bolted panel arrangement
- Dual water pumps for uninterrupted machine availability onsite
- Strainer provided in diesel, hydraulic & water tanks filler necks to avoid contamination & dust entry.
- Globally proven components from Danfoss, Bonfiglioli & Bosch for superior



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

ENGINEEngine BrandAshok LeylandEngine ModelH4C4E7422Cylinders4Displacement (L)3.83Air IntakeTurbo Charged & After CooledFuel InjectionElectronic, Common Rail Direct InjectionEmission LevelTier 4B/ CEV Stage-IV (India)Max Gross Power (KW/ hp) @2200rpm (ISO 14396)54.4 / 73.0Max Gross Torque (Nm) @1400 rpm (ISO 14396)340Max Gross Torque (Nm) @1400 rpm (ISO 14396)340AftertreatmentD0C OnlyELECTRICAL SYSTEM12V, Key Starting AidBattery12V, 102A hndAlternator12V, 125 AmpPOWERTRAIN5.5Max Gradeability with Vibration (%/ deg)36%/ 20 Deg with 2-3 km/hrPropulsion on Front & Rear Drum HydrostaticHydrostaticBRAKING SYSTEMSahr (Spring Applied Hydraulically Released)OPERATIONAL DATA10414Max Operating Weight* (kg)10414Operating Weight (kg)9050Front Axle Load (kg)4640% Mass on Front (%)48.7%% Mass on Rear (%)51.3%Static Linear Load- Front (kg/cm) % Mass on Rear (kg/cm)25'Inner Turning Radius (m)5.1Vertical Oscillation Angle (deg.)± 10'				
Engine ModelH4C4E7422Cylinders4Displacement (L)3.83Air IntakeTurbo Charged & After CooledFuel InjectionElectronic, Common Rail Direct InjectionEmission LevelTier 4B/ CEV Stage-IV (India)Max Gross Power (kW/ hp) @2200rpm (ISO 14396)54.4 / 73.0Max Gross Torque (Nm) @1400 rpm (ISO 14396)340AftertreatmentD0C OnlyELECTRICAL SYSTEM12V, Key Starting AidBattery12V, 110AhAlternator12V, 125 AmpPOWERTRAIN12V, 125 AmpMax Gradeability with Vibration (%/ deg)36%/ 20 Deg with 2-3 km/hrPropulsion on Front & Rear Drum HydrostaticHydrostaticBRAKING SYSTEMSarting Applied Hydraulically Released)OPERATIONAL DATASAHR (Spring Applied Hydraulically Released)OPERATIONAL DATA4410Max Operating Weight* (kg)10414Operating Weight (kg)4410Rear Axle Load (kg)44640% Mass on Front (%)48.7%% Mass on Rear (%)51.3%Static Linear Load- Front (kg/cm) 2.5°2.5°Inner Turning Radius (m)5.1	ENGINE			
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POWERTRAINMax Travel Speed (km/hr)11.5Max Working Speed (km/hr)5.5Max Gradeability with Vibration (%/ deg)36%/ 20 Deg with 2-3 km/hrPropulsion on Front & Rear DrumHydrostaticBRAKING SYSTEMService & Secondary BrakesParking BrakesSAHR (Spring Applied Hydraulically Released)OPERATIONAL DATA9050Max Operating Weight (kg)10414Operating Weight (kg)9050Front Axle Load (kg)4640% Mass on Front (%)48.7%% Mass on Rear (%)51.3%Static Linear Load- Front (kg/cm)27.7Articulation on Either Side (deg.)25°Inner Turning Radius (m)5.1	Battery	12V, 110Ah		
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Max Working Speed (km/hr)5.5Max Gradeability with Vibration (%/ deg)36%/ 20 Deg with 2-3 km/hrPropulsion on Front & Rear DrumHydrostaticBRAKING SYSTEMBRAKING SYSTEMService & Secondary BrakesHydrostaticParking BrakesSAHR (Spring Applied Hydraulically Released)OPERATIONAL DATA0Max Operating Weight* (kg)10414Operating Weight (kg)9050Front Axle Load (kg)4640% Mass on Front (%)48.7%% Mass on Rear (%)51.3%Static Linear Load- Front (kg/cm)26.3Static Linear Load- Rear (kg/cm)27.7Articulation on Either Side (deg.)25°Inner Turning Radius (m)5.1	POWERTRAIN			
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Parking BrakesSAHR (Spring Applied Hydraulically Released)OPERATIONAL DATAMax Operating Weight* (kg)10414Operating Weight (kg)9050Front Axle Load (kg)4410Rear Axle Load (kg)4640% Mass on Front (%)48.7%% Mass on Rear (%)51.3%Static Linear Load- Front (kg/cm)26.3Static Linear Load- Rear (kg/cm)27.7Articulation on Either Side (deg.)25°Inner Turning Radius (m)5.1	BRAKING SYSTEM			
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Operating Weight (kg)9050Front Axle Load (kg)4410Rear Axle Load (kg)4640% Mass on Front (%)48.7%% Mass on Rear (%)51.3%Static Linear Load- Front (kg/cm)26.3Static Linear Load- Rear (kg/cm)27.7Articulation on Either Side (deg.)25°Inner Turning Radius (m)5.1	OPERATIONAL DATA			
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Static Linear Load- Front (kg/cm) 26.3 Static Linear Load- Rear (kg/cm) 27.7 Articulation on Either Side (deg.) 25° Inner Turning Radius (m) 5.1	% Mass on Front (%)	48.7%		
Static Linear Load- Rear (kg/cm) 27.7 Articulation on Either Side (deg.) 25° Inner Turning Radius (m) 5.1	% Mass on Rear (%)	51.3%		
Articulation on Either Side (deg.) 25° Inner Turning Radius (m) 5.1	Static Linear Load- Front (kg/cm)	26.3		
Inner Turning Radius (m) 5.1	Static Linear Load- Rear (kg/cm)	27.7		
	Articulation on Either Side (deg.)	25°		
Vertical Oscillation Angle (deg.) $\pm 10^{\circ}$	Inner Turning Radius (m)			
	Vertical Oscillation Angle (deg.)	± 10°		

VIBRATION PARAMETERS				
Vibration Stages	Тwo			
Nominal Amplitude - High (mm)	1.0			
Nominal Amplitude - Low (mm)	0.2			
Frequency - Low (Hz)	33			
Frequency – High (Hz)	50			
COMPACTION FORCES				
Centrifugal Force – High (Kgf/ kN)	7771/ 76.2			
Centrifugal Force – Low (Kgf/ kN)	3843/ 37.7			
Maximum Applied Force – LF (kgf/ kN)	12411/121.7			
Maximum Applied Force – HF (kgf/ kN)	8483/83.2			
CAPACITY				
Water Tank - Front/Rear (L)	390/ 390			
Fuel Tank (L)	140			
Engine oil (L)	11			
Coolant (L)	17.5			
Hydraulic Tank (L)	70			
COMPONENTS				
Travel Pump	Axial Piston Pump			
Travel Motor	Low Torque-High Speed (LTHS),			
	Axial Pi	ston Motor		
Vibration Pump	Axial Piston Pump			
Vibration Motor	Axial Piston Motor			
Steering Pump	Gear Pump			
Filter Type	Cartridge Type			
Filter Clogging indicator	Electrical			
Filter Quality	10 Microns			
DIMENSIONS				
A - Wheelbase (m)		2.690		
B - Overall Width (m)		1.905		
C - Rear Overhang - Drum Centre to Frame Edge (m)		0.719		
D1=D2 - Drum Diameter - Front/ Rear (m)		1.220		
H1 - Total Machine Height (m)		3.100		
H2 - Height to Top of Seat/ Steering Wheel (m)		2.421		
K - Ground Clearance (m)		0.244		
L - Total Length (m)		4.130		
O1 - Side Overhang – Drum Edge to Frame (m)		0.112		
S - Drum Thickness (m)		17 mm (0.017)		
W1=W2 - Drum Width (m)		1.675		
E1=E2 - Departure Angle - Front/ Rear (deg.)		75°, 75°		

STANDARD EQUIPMENT

Auto Idle Feature, 2 Side View Mirrors, Electronic variable RPM Knob, HSRP Plates, Vibration Cutoff on FNR Lever, Plastic Water Tanks, Pressurized Water Sprinkler System, Tiltable Canopy (Sunroof), Vibration Control on Both Drums, 2 Frequency / 2 Amplitude, Wear Resistant Scrapper, 2 Front & 2 Rear Working Lights, Electric Horn, 1 Steering Wheel, Operator Manual

E1 E2 01 S D2

*Consider operator weight ballasting and total weight of machine.

CIN: U29240DL1998PTC344616 **CASE NEW HOLLAND CONSTRUCTION** EQUIPMENT (INDIA) PRIVATE LIMITED

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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.

