



CASE
CONSTRUCTION

EX SERIES TANDEM VIBRATORY COMPACTOR

BS4
CEV



Telematics
SiteWatch[™]
Stay Connected Always

952EX | 952EX PREMIUM

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 **PREMIUM**
- 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



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



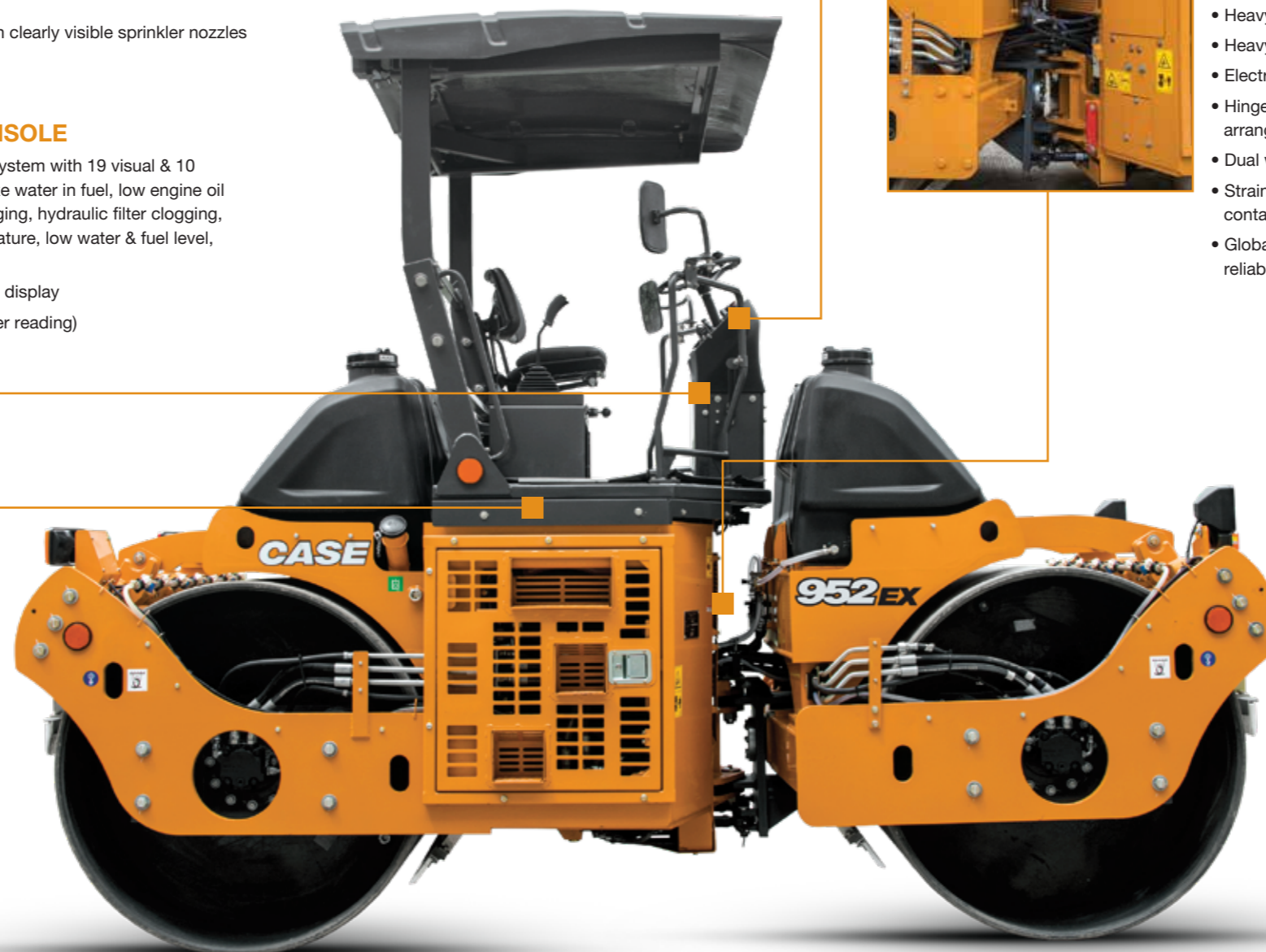
FEATURE PACKED CLUSTER

- 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 reliability



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CONNECTED MACHINE

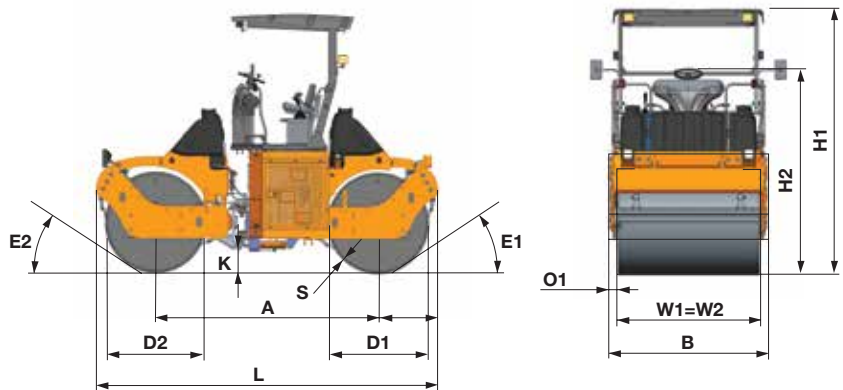
- CASE "SiteWatch" Telematics as standard offering **First in Industry** to Offer Telematics on Vibratory Compactors
- **Fleet Management** - Enhanced productivity by efficient resource allocation
- **Asset Tracking & Recovery** - Improved Safety
- **Maintenance & Downtime reduction** - Enhanced Customer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

ENGINE	
Engine Brand	Ashok Leyland
Engine Model	H4C4E7422
Cylinders	4
Displacement (L)	3.83
Air Intake	Turbo Charged & After Cooled
Fuel Injection	Electronic, Common Rail Direct Injection
Emission Level	Tier 4B/ CEV Stage-IV (India)
Max Gross Power (kW/ hp) @2200rpm (ISO 14396)	54.4 / 73.0
Max Gross Torque (Nm) @1400 rpm (ISO 14396)	340
Aftertreatment	DOC Only
ELECTRICAL SYSTEM	
Starting Method	12V, Key Starting Aid
Battery	12V, 110Ah
Alternator	12V, 125 Amp
POWERTRAIN	
Max Travel Speed (km/hr)	11.5
Max Working Speed (km/hr)	5.5
Max Gradeability with Vibration (%/ deg)	36%/ 20 Deg with 2-3 km/hr
Propulsion on Front & Rear Drum	Hydrostatic
BRAKING SYSTEM	
Service & Secondary Brakes	Hydrostatic
Parking Brakes	SAHR (Spring Applied Hydraulically Released)
OPERATIONAL DATA	
Max Operating Weight* (kg)	10414
Operating Weight (kg)	9050
Front Axle Load (kg)	4410
Rear Axle Load (kg)	4640
% Mass on Front (%)	48.7%
% Mass on Rear (%)	51.3%
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
Vertical Oscillation Angle (deg.)	± 10°

VIBRATION PARAMETERS	
Vibration Stages	Two
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 Piston 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, Tilttable Canopy (Sunroof), Vibration Control on Both Drums, 2 Frequency / 2 Amplitude, Wear Resistant Scraper, 2 Front & 2 Rear Working Lights, Electric Horn, 1 Steering Wheel, Operator Manual



*Consider operator weight ballasting and total weight of machine.

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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.