MODEL	952NX
Make	CNH (India)
Engine Model	F28-CF28A001A*U
Cylinders	4
Displacement (L)	2.8
Air Intake	Turbocharged intercooled
Fuel Injection	Electronic, Common Rail Direct Injection
Emission Level	CEV Emission Stage-V
Max Gross Power (kW/ hp) @2200 rpm (ISO 14396)	55 / 74
Max Gross Torque (Nm) @1400 rpm (ISO 14396)	375
After-treatment	DOC+DPF Only
ELECTRICAL SYSTEM	
Starting Method	12V, Electric Key Start and Off
Battery	12V, 110Ah
Alternator	12V, 120 Amp
POWERTRAIN	
Max Travel Speed (km/hr)	11.5
Max Working Speed (km/hr)	5.5
Max Gradeability with Vibration (%/ deg)	36% / 20°
Propulsion on Front & Rear Drum	Hydrostatic
BRAKING SYSTEM	
Service & Secondary Brakes	Hydrostatic
Parking Brakes	SAHR (Spring Applied Hydraulically Released)
OPERATIONAL DATA	
Operating Weight – ARAI (kg)	9200
Front Axle Load (kg)	4600
Rear Axle Load (kg)	4600
% Mass on Front	50%
% Mass on Rear	50%
Static Linear Load- Front (kg/cm)	27.5
Static Linear Load- Rear (kg/cm)	27.5
Articulation on Either Side (deg.)	± 30°
Inner Clearance Radius (m)	5.9
Vertical Oscillation Angle (deg.)	± 10°

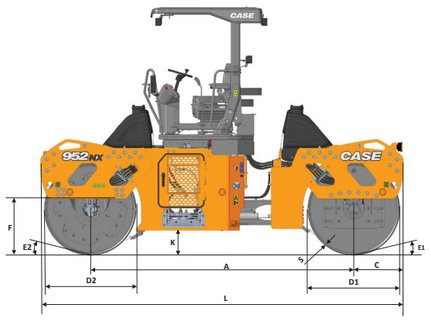
VIBRATION PARAMETERS	
Vibration Stages	Two
Nominal Amplitude - High (mm)	0.9
Nominal Amplitude - Low (mm)	0.4
Frequency - Low (Hz)	36.5
Frequency - High (Hz)	50
COMPACTION FORCES	
Centrifugal Force - High (Kgf/ kN)	7700 / 75.5
Centrifugal Force - Low (Kgf/ kN)	6050 / 59.4
Maximum Applied Force - LF (kgf/ kN)	12400 / 121.6
Maximum Applied Force - HF (kgf/ kN)	10700 / 105
CAPACITY	
Water Tank - Front/Rear (L)	780
Fuel Tank (L)	170
Engine oil (L)	8
Coolant (L)	14
Hydraulic Tank (L)	70
COMPONENTS	
Travel Pump	Axial Piston Pump
Travel Motor	High-Speed Low Torque with Gear box, 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)	3.49
B - Overall Width (m)	1.86
C - Rear Overhang - Drum Centre to Frame Edge (m)	0.66
D1=D2 - Drum Diameter - Front/ Rear (m)	1.22
H1 - Total Machine Height / Transport Height (m)	3.28 / 2.9
H2 - Height to Top of Seat/ Steering Wheel (m)	2.46
K - Ground Clearance (m)	0.32
L - Total Length (m)	4.8
O1 - Side Overhang – Drum Edge to Frame (m)	0.1
S - Drum Thickness (mm)	17
W1=W2 - Drum Width (m)	1.675
E1=E2 - Departure Angle - Front/ Rear (deg.)	85°
F - Curb Clearance (m)	0.75

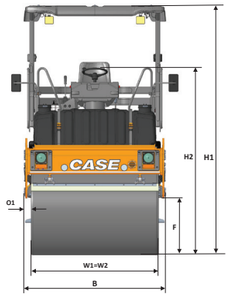
STANDARD EQUIPMENT

Swinging and adjustable seat - console system, Tiltable ROPS Canopy & Sunroof, Auto Idle Feature, Vibration Control on Both Drums, 2 Frequency / 2 Amplitude, Pressurized Water Sprinkler System with flow regulator & triple stage filtration, Wear Resistant Scrapper, 2 Rear Working Lights, 2 Side View Mirrors, Hazard Traingle, Vibration Cutoff on FNR Lever, Horn, RPM High-Low Switch, Emergency shut-off switch, Turn indicator, Diagnostic port, Battery cut-off switch, Lockable service door on both sides, Operator Manual, Plastic Water Tanks, 1 Steering Wheel, Electro magnetic immunity & Compliance, Reduced Noise as per regulations, All around visibility.

OPTIONAL EQUIPMENT

2 Front, 2 Side Work Lamp, Pump kit for Water tank refilling, To achieve higher weight for static compaction, ballast (700 kgs drum each) could be filled up to maximum capacity





ROPS- Rollover Protection Structure

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**

Follow us on @caseceindia

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 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.

952NX Brochure Version Dated December 2024

SINCE 1842

CASE CONSTRUCTION

THE NEW ERA IN CONSTRUCTION EQUIPMENT

Presenting
THE ALL-NEW

952NX

VIBRATORY COMPACTOR



SCAN ME

Eco-Friendly, High-Efficiency Powerful Engine

myCASE CONSTRUCTION
The New Gen of Telematics

Reliable Hydraulics

ROPS

REASONS TO CHOOSE NX SERIES

A LEGACY OF HIGH PERFORMANCE

SAFE AND COMFORTABLE OPERATOR STATION

- Ergonomic high-comfort seat with a high backrest, armrests and mechanical suspension
- Convenient seat pouch for operator's logbook
- Vibration-free operator platform with all-around safety
- Plastic roof for superior heat insulation and protection from rain and sun
- Enhanced safety with secondary brakes
- Standardized seatbelt for maximum protection

ADVANCED CONSOLE

- 19 visual and 10 audio alerts, ensuring timely warnings during water in fuel, low engine oil pressure, air or hydraulic filter clogging, high engine coolant temperature and low water or fuel levels, master warning & stop, Regeneration status, DPF filter condition, glow plug status, Neutral, lighting condition for headlamps and position lamps etc.
- An intuitive and easy-to-read interface for quick monitoring
- Secure console protection with a lockable vandal guard



NEW AGE DESIGN

- Collapsible 2-post ROPS canopy enhances ease of transport
- Oversized water tanks with dual caps on each tank, large water-filling ports and removable cover plates simplify internal cleaning of tanks
- High-security registration plate provisions on both front and rear
- HSRP (number plate) provision on both front and rear
- Rear-mounted hazard triangle improves visibility on roads

RELIABILITY

- New plate-and-bar type radiator for enhanced performance
- Large water filling ports and cover plates for easy cleaning of tanks
- New Rotatable Seating system with Console which can swing to sides to provide visibility to Drum edge & sides
- Vibration-isolated operator platform
- Well-protected exhaust system with DOC-DPF with Active & Passive regeneration available.
- Sprinkling system with flow regulator and triple stage filtration to provide a moistened non sticky drum for hot asphalt.

ALL ROUND VISIBILITY

- Best-in-class front and rear views for better visibility
- Six work lamps for excellent illumination at night
- Unobstructed view of the drum surface and sprinkling system minimizes fatigue
- New front and side plastic console for best-in-class side and drum edge visibility
- New seating system with swinging console

SUPERIOR EFFICIENCY AND LOW MAINTENANCE

- Enhanced clearance with a suspended frame and increased ground clearance for superior performance
- High-reliability center-point articulation joints and balanced front-rear for a smoother ride
- Cleaner emissions and improved maintenance efficiency with a compact engine and advanced DOC-DPF exhaust system
- Extended durability with a 2000-hour hydraulic oil change interval
- Advanced sprinkler system featuring dual water pumps and triple-stage filtration
- Up to 5% improved fuel efficiency with intelligent features like Auto Idle
- Long work hours with high capacity fuel tank with strainer in Filler & lockable cap.

OPERATOR FRIENDLY CONSOLE

- Convenient mobile charging and power socket near the seat
- Automatically switches to low idle instead of manual idle adjustments
- Easily accessible emergency stop function
- Convenient battery cut-off switch
- Larger, cushioned steering wheel for enhanced comfort
- A well-lit console ensures visibility at night

myCASE CONSTRUCTION NEW

The New Gen of Telematics

CONNECTED MACHINE

- Standard offering 'First' in the industry to offer telematics on vibratory compactors
- Fleet management enhances productivity by efficient resource allocation, maneuverability and productivity
- Improved safety through asset tracking and recovery
- Enhanced customer service through maintenance and downtime reduction
- Improved profitability through data-driven decision-making
- Unlock insights to optimize your work cycle and save more