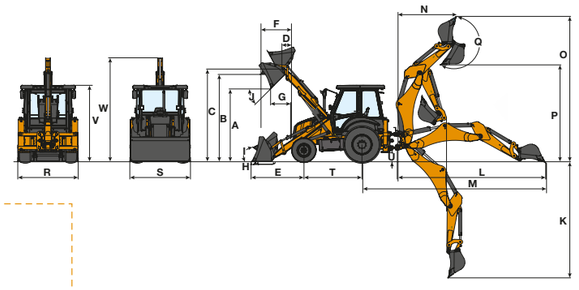
ENGINE	FPT
Engine Model	S8000
Emission compliant	BS-III
Engine Displacement (L)	3.9
Engine Air Intake Type	Water Cooled
Engine Gross power @ 2200rpm	37 kW (49.5 hp)
Engine Maximum Torque (Nm)	252.2 Nm@ 1200 rpm
LOADER GENERAL DIMENSIONS	
A - Dump height (m)	2.72
B - Load over height (m)	3.30
C - Hinge pin height (m)	3.58
D - Hinge pin forward reach (m)	0.24
E - Reach at ground (m)	1.98
F - Max. reach at full height (m)	1.19 (2WD)
G - Max. reach at full height-bucket dumped (m)	0.76
H - Below ground level-dig depth (m)	0.11
I - Rollback at ground (deg.)	33
J - Dump angle (deg.)	45
Bucket capacity std. (m3)	1.1
Bucket breakout force (kgf/ kN)	5275/ 51.73
Loader arm breakout force (kgf/ kN)	5110/ 50.11
Max. Pay load (kg)	1925
Maximum lifting capacity (kg) @ max height	3425
BACKHOE GENERAL DIMENSIONS	
Dipper configuration	14 Feet
K - Max. dig depth (m)	4.40
L - Reach ground level to swing center (m)	5.63
M - Reach-ground level to rear wheel center (m)	6.95
N - Reach at full height to slew center (m)	2.15
O - Max. working height (m)	5.49
P - Max. load over height (m)	3.64
Bucket capacity (m3)	0.26
Q - Bucket rotation (deg.)	185
Bucket breakout force (kgf/ kN)	5000/ 49.03
Dipper tear out force (kgf/ kN)	2751/ 26.98
Max. lift capacity (kg)	1417
Safe working load (kg) @3.2m radius	1300
OVERALL DIMENSIONS AND WEIGHTS	
Max Operating Weight (Kg)	7610
Transport Length (m)	5.88
R - Width over stabilizer (m)	2.27
S - Width over bucket (m)	2.28
Track width- Rear (m)	1.70
Track width- Front (m)	1.88
T - Wheelbase (m)	2.18
U - Minimum Ground clearance (m)	0.38
V - Height to top of cabin	2.88
W - Overall transport height (m)	3.85

ROPS- Rollover Protection Structure
FOPS - Falling Object Protection Structure
ROPS FOPS - Self-Certified

*T&C apply

HYDRAULIC SYSTEM	
System type	Open Center Load Sensing system
Pump type	Axial Piston with Electric Displacement Control
Pump Flow (lpm)	119
System relief pressure (bar)	240
SERVICE CAPACITIES	
Engine oil (L) – System	8.6
Rear Axle (L)	17.1
Hydraulic oil (L) – System	100
Hydraulic oil (L) – Replacement/Interval*	48/4000 hr.
Transmission Oil Capacity (L) - System	18
Fuel tank (L)	129
Coolant (L)	20
POWER TRAIN	
Powertrain type	4F-4R Power Shuttle Synchromesh Transmission
Transmission Make and Model	CARRARO 2WD TLB1
AXLE	
Rear	CARRARO 28.32M
Front	CNH PS1300 (2WD)
Front Axle Oscillation	±21 degree(2WD)
STEERING	
Type	Power Steering
System pressure(Bar)	140
Steering Unit Displacement (cc/rev)	125
Turning Radius outside bucket - Braked (m)	4.6
Turning Radius outside bucket - Not braked (m)	5.55
BRAKES	
Service	Hydraulic foot operated, 2 disc per side
Parking	Mechanically actuated caliper type brake pack on Rear axle input shaft
TYRE	
HD Tyre-Rear-Optional	14x25- 12PR
Standard Tyre-Front	9x16 -16PR
Standard Tyre-Rear	16.9x28 -12PR
ELECTRICAL SYSTEM	
Battery	12 volts, 110 Ah
TRAVEL SPEED	
Forward (1st/2nd/3rd/4th) (km/hr)	5.0/7.9/16.9/32.4
Reverse (1st/2nd/3rd/4th) (km/hr)	5.9/9.4/19.8/NR
OPTIONAL EQUIPMENT	
Backhoe Bucket (m3)	0.08, 0.12, 0.18, 0.30
Counterweight (kg)	211
Tyre	Heavy Duty 14x25 - 12PR/20PR
Rock Breaker Kit	Yes
Bottom Dump Bucket (BDB)	Yes



CIN: U29240DL1998PTC344616
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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.

770NXe Brochure Version Dated 13th July 2023

CASE CONSTRUCTION

THE NEW 770NXe BACKHOE LOADER

PERFORMANCE UNLEASHED

4000 HOUR HYDRAULIC OIL CHANGE INTERVAL

Telematics SiteWatch Stay Connected Always

ROPS FOPS

22 NEW FEATURES

REDEFINING EXCELLENCE

MAIN REASONS
TO CHOOSE CASE 770NXe

CASE DNA "S'TYLED BACKHOE"

· S'tyled boom for better reach on ground as well as on high body trucks, better transport height & work visibility.

HIGH PRODUCTIVITY BUCKET

· Redesigned backhoe bucket with 185 deg. rotation ensures high breakout forces along-with better fill per cycle for high productivity.

RELIABILITY WITH EASE OF USE

· High operating weight for better stability, leading breakout forces for the toughest terrains and improved ease of use with the ergonomically located controls.

COMFORTABLE OPERATOR STATION

· Spacious cabin with near 360° visibility for higher productivity.
· Work mode selection switch, 12V power socket, electrical side shift lock.
· Large buddy seat with storage space, can now easily seat 3 helpers.

HIGH VISIBILITY

· Sloping and lockable engine hood for better worksite visibility.
· Widest rear side windows gives excellent rear visibility.

RELIABLE FPT S8000 ENGINE

· Efficient BS3 compliant FPT S8000 engine with class leading torque delivery & reliability.

LOADER PRODUCTIVITY

· Best-in-class loader productivity
· Improved fill per cycle with new spill proof bucket
· Increased loader bucket weight by ~80 kg further enhances front end stability & productivity during stockpiling application.

STRAIGHT LOADER ARM

· The CASE straight loader arm ensures better work visibility, loading performance with best-in-class hinge pin height.
· Ease of serviceability with lesser pins (16 pin Vs 22 pin in others) & bushes giving less daily maintenance time.

IMPROVED FUEL EFFICIENCY

· New generation Electro-Hydraulic Variable Displacement pump optimizes hydraulic oil flow as per load requirement.
· In ECO mode, it improves fuel efficiency upto 24% against 76hp gear pump version.

22 NEW FEATURES

BETTER STRUCTURE

· Robot welded boom, dipper and chassis, long lasting axles, pins-bushes and protected hoses.
· Proven axles & upgraded transmission provides best-in-class dozing, stockpiling and travel capability.

ENHANCED SAFETY

· 10 Audible & 9 visual warning system.
· Anti-theft & dust free battery compartment.
· Proven hinged loader strut for operator safety especially during maintenance.

A LEGACY OF HIGH PERFORMANCE

· 180 years legacy of delivering breakthrough technology.
· Robust structure and hassle-free maintenance.

1. ROPS/ FOPS cabin
2. Trapezoidal cabin
3. Better Interiors
4. Larger Cabin light
5. Ergonomic RPM control
6. Door Gas struts
7. New CED paint coating
8. New FNR lever
9. FM radio on headliner
10. New Latches & locks
11. +20% cabin storage
12. Split helper seat
13. Larger steering wheel
14. Improved backhoe lever
15. "SiteWatch" Telematics
16. Rear quarter window
17. Internal Rear view mirror
18. Comfortable loader lever
19. Comfortable parking brake
20. Improved knee clearances
21. Repositioned rear work lamps
22. Horn integrated backhoe lever

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