



BUILDING A STRONG CASE.

Since 1842, at CASE Construction Equipment, we have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity.

We continually strive to make it easier for our customers to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development.

The vast CASE dealers' network is always ready to support and protect your investment and exceed your expectations, while also providing you with the ultimate ownership experience.

Our goal is to build both stronger machines—and stronger communities. At the end of the day, we do what's right for our customers and our communities so that they can count on CASE.

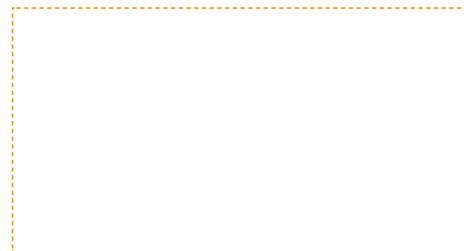
CASE NEW HOLLAND CONSTRUCTION EQUIPMENT (INDIA) PRIVATE LIMITED

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NOTE: CASE provides specific outfits for various countries and many optional fittings (OPT). The illustrations on this or other leaflets may relate to standard or optional fittings. Please consult your CASE dealer for any information in this regard and any possible updating on components. CNH Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes. Disclaimer: $\pm 2.5\%$ variation on parameters may occur and is acceptable by the industry norms

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CASE
CONSTRUCTION

LOADER BACKHOE 770NXe



**4000
HOURS**
HYDRAULIC
OIL
CHANGE INTERVAL

INTRODUCING THE NEW 770 NXe

The new 770NXe from CASE stable showcases the right balance of power & efficiency. With the latest generation Electro-Hydraulics Variable Displacement pump, coupled with proven FPT S8000 49.5 hp engine, it delivers class leading productivity both in backhoe & loader applications without compromise on breakout forces and working reach, with upto 24%* more fuel efficiency and 26%\$ reduced maintenance cost. It also delivers 10%# higher productivity than competition in power mode.



* With ECO mode when compared to 770EX BS3, under standard composite cycle @1500 rpm for backhoe & @2200 rpm for loader.

\$ When compared to 770EX BS3.

In Power mode, gives upto 10% higher productivity against competition models.

EXPERIENCE THE NEXT LEVEL OF EFFICIENCY



* & C apply. Against the earlier 770EX Tier 3, tested under controlled environment

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.



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.



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.



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.



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

- Improved fill per cycle with new spill proof bucket and combined with reduced cycle times, it offers class leading loader productivity.
- 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.



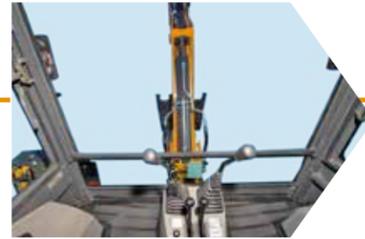
IMPROVED FUEL EFFICIENCY

- 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.



COMFORTABLE OPERATOR CABIN

Best-in-class roomy cabin, comfortable seat with belt & backrest adjustment, ergonomically located controls, standard cabin fan and large buddy seat.



INFORMATION CLUSTER AND CONTROLS

New generation cluster with features like - Work mode selector switch (Eco, Standard & Power), Electrical side shift lock, 12V Power socket, Digital hour meter, Glare-free MID with analog gauges & warning check lights, additional storage spaces etc.

EASY MAINTENANCE

CASE knows that the easier it is to perform routine maintenance, the more likely it will get done. The easy serviceability due to the large access area available when opening the new tiltable front engine hood, is a hallmark of CASE Loader Backhoe machine design. To improve serviceability, the machine layout has been optimized to provide an easy access to all the main components.

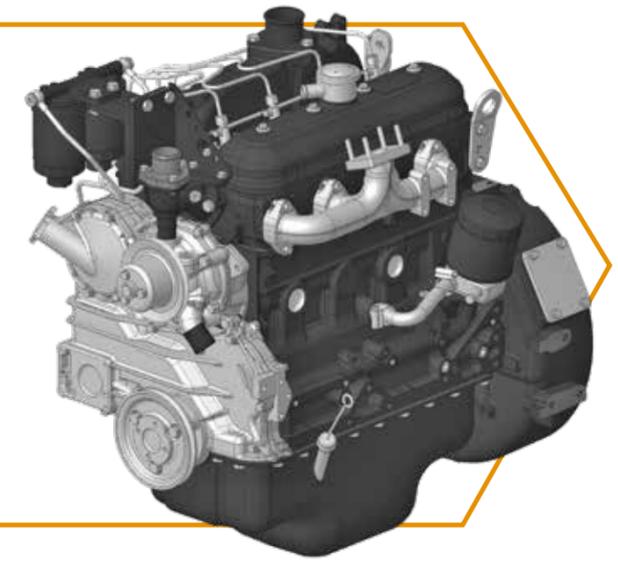


ENGINE

The new generation FPT S8000 engine with class leading torque delivery provides outstanding performance in tough loader application with faster response time and better fuel efficiency.



770NXe Offers Upto **24%** Fuel Savings



3 WORKING MODES

- ECO mode to deliver best fuel efficiency in light application.
- STANDARD mode for perfect mix of fuel efficiency and productivity.
- POWER mode to deliver high productivity.



NEW GENERATION HYDRAULICS

- New generation Electro-Hydraulic Variable Displacement pump with 49.5 hp FPT engine optimizes hydraulic flow as per load & reduces fuel consumption up to 24% with annual savings potential upto Rs. 4.4 lacs.
- It modifies the hydraulic flow in different working modes (Eco, Standard & Power) to cater demands of performance & fuel efficiency.



AXLE & TRANSMISSION SYSTEM

- Globally acclaimed CARRARO axle and transmission capable of handling 10 tons load, ensuring better work life and reliability even in the toughest application.
- Modified rear axle gear ratios to improve travel speed for maximizing productivity.



PEACE OF MIND EASE OF MAINTENANCE



CASE CARE

CASE Machines are designed to exceed expectations, CASE Care helps to keep your machine performing at its peak.



As a customer of CASE Construction, you deserve the additional peace of mind of knowing that your product is covered, in case of an unexpected return. CASE Protect removes the burden of cost and the inconvenience of mechanical failure once your manufacturer's warranty has expired.

1 PRIORITY SERVICE

2 SPECIALIZED SUPPORT

3 PRO-ACTIVE MAINTENANCE

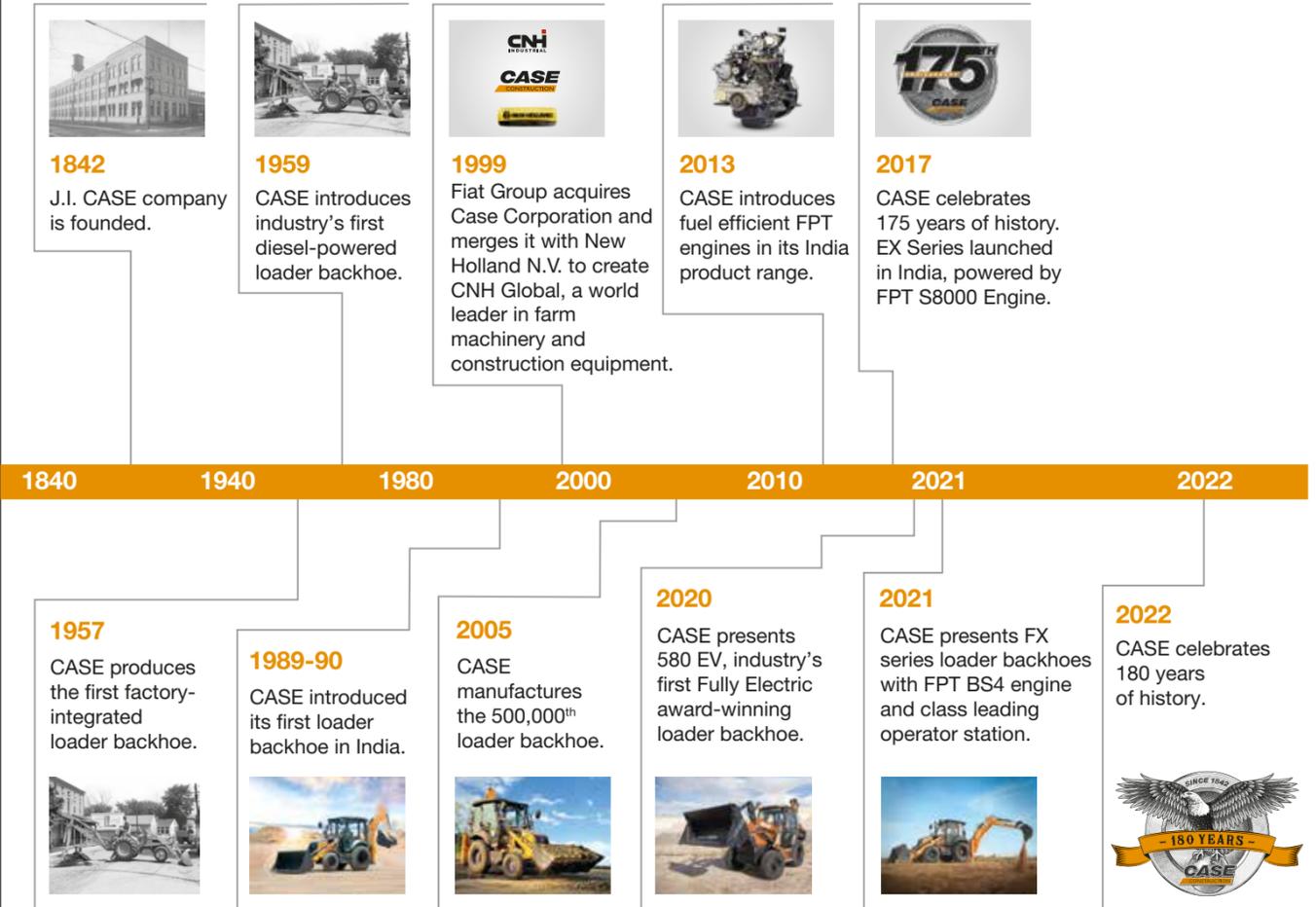
4 HIGHER RESALE VALUE



SPARE PARTS

A robust dealer network, a fully stocked central warehouse and our well-connected depots help us in the smooth and on-time delivery of parts and services, thus, decreasing downtime and maximising productivity and efficiency of your machine.

ACROSS HISTORY



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

APPLICATIONS AND ATTACHMENTS

Complete Solutions for Every Need and Application

Trenching and Pipe-laying | Road and General Construction
Municipal Solid Waste Management | Brick Kiln | Crusher Application



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

*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 Synchronesh 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 circle diameter outside bucket - Braked (m)	9.2
Turning circle diameter outside bucket - Not - braked (m)	11.1
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
Counterweight (kg)	211
Tyre	Heavy Duty 14x25 - 12PR/20PR

