



CASE
CONSTRUCTION

BACKHOE LOADER

580N SERIES 2 HD

580N SERIES 2





PROVEN PERFORMANCE

The new backhoes, **580N Series 2 HD** and **580N Series 2**, continue to deliver the proven performance, now with a more powerful engine, a hydraulic pump with increased flow, and new optional features and standard items.

UNMATCHED PRODUCTIVITY

The engine and hydraulic system combination delivers greater productivity in loader and excavator operations, reducing cycle times between operations with the already known efficiency.

KINEMATIC OF THE LOADER

It is performed with two inverted parallel cylinders. Thus, the rods of the cylinders stay retracted when the machine is positioned for digging (exclusivity CASE), providing a greater lifetime and lesser risk of warping and leaks in the cylinders. And ensuring a better force distribution and visibility. In the closing motion of the bucket, the cylinders are expanding, offering more force where it is needed most and greater digging force.

EASY MAINTENANCE

CASE machines are famous for ease of daily maintenance in the field. Radiators that can be opened for easy access. Both axles, with **externally mounted, oil-bathed** disc brakes, can be serviced without need for complete disassembly. In addition to this, there is a **hinged hood, there are reinforced pins, threaded filters and grouped level indicators** to provide time savings during regular maintenance.

SUPERIOR COMFORT AND VISIBILITY

During day and night, the cabins of the 580N Series 2 HD and 580N Series 2 keep operators more productive. Floor-to-ceiling windows provide superior visibility. The rear window glass now has new tracks for easier opening and closing, allowing for external communication and natural ventilation. The cabin windows now feature sturdier and more ergonomic latches, making opening and closing easier and providing increased resistance to vibration during operations.

IMPROVEMENTS IN THE HYDRAULIC SYSTEM



The **580N Series 2 HD** and the **580N Series 2** are equipped with a new hydraulic pump, providing increased speed in operations and command responses. The hydraulic pump offers high reliability and ample power for the most demanding and frequent operations. The hoses and pipes run inside the boom structure, providing enhanced protection.

SIDE LIGHTING IMPROVES SAFETY AND PRODUCTIVITY

The new optional lighting package with high-intensity LED headlights offers improved visibility with a larger coverage area, extended bulb lifespan, and reduced energy consumption. The easily adjustable side lights offer 45 degrees of rotation to provide extra illumination where it is most needed.



BOOM SWING DAMPING SYSTEM - PRO CONTROL

The boom swing damping system - Pro Control, exclusive to the 580N Series 2 HD, enhances the productivity of the excavator operation by eliminating swing oscillations and extending the lifespan of pins and bushings.



SUSPENSION SEATS

The 580N Series 2 HD comes with standard pneumatic suspension seats, while the 580N Series 2 is equipped with mechanical suspension seats.



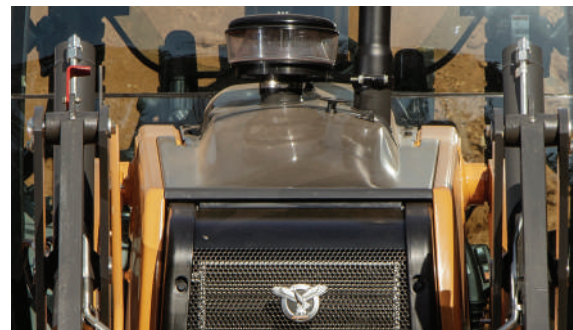
NEW STABILIZERS AND PADS

The new stabilizer arms have a design that eliminates the buildup of material on the stabilizer arms, and the new pads with more ribs increase traction on the ground.



SAFER AIR INTAKE

The engine's air intake on top of the hood enhances safety in operations in flooded areas, ensuring that the engine won't inhale debris during operations in marshy terrain, for example.



MASTER SWITCH

All 580N Series 2 HD and 580N Series 2 backhoes come with a master switch, providing increased safety when the machine is idle and reducing battery consumption during extended periods of inactivity, thereby maintaining the battery's integrity and the entire electrical system.



HEAVY-DUTY FRONT AXLE

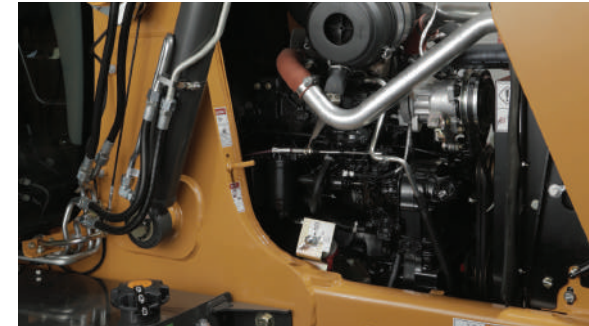
The 4x4 HD front axle adds robustness and is equipped with 12.5/80x18 tires, which contribute to increased ground clearance and higher discharge height.

The 4x4 HD axle is a standard feature in the 580N Series 2 HD and 580N Series 2. The 580N Series 2 backhoe offers the optional 4x4 Standard axle with 12x16.5 tires.



FIELD MAINTENANCE

The **580N Series 2** backhoe loader offers the CASE trademark field maintenance which includes grouped maintenance points and level indicators with displays for easy daily monitoring.



REAR AXLE SPACERS

The wider rear axle of the **580N Series 2 HD** provides greater stability for the machine when the front bucket is loaded and during movement, especially on uneven terrain. It comes with added spacers in the axle assembly on the chassis, leveling the machine on the horizontal plane, making movement more comfortable and the operation safer.



ELECTRICAL CABLE COATING

The new coatings on the electrical cables of the **580N Series 2 HD** and the **580N Series 2** make the electrical system safer, preventing cuts due to twists and friction, keeping all machine electrical systems intact.



EXTERNAL LIGHTING WITH LED TECHNOLOGY

The new **580N Series 2** backhoes feature external lighting, including adjustable side lighting that, combined with front and rear lighting, provides 360-degree illumination of the work area, significantly enhancing nighttime safety and productivity. Headlights are standard features in the cabins, and now with the option of LED headlights, in addition to halogen.



THE NEW ENGINE IS A GUARANTEE OF POWER WITH RELIABILITY



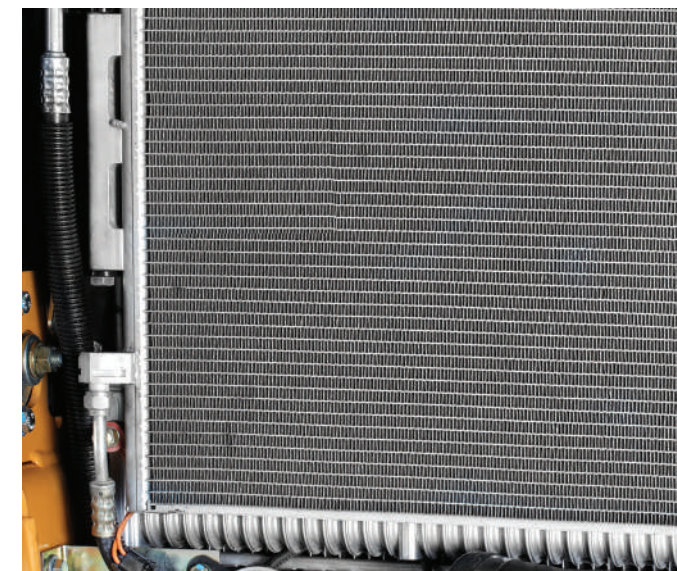
CNH, with its 600,000 engines produced per year, is a leader in the off-road engine sector. This leadership is the result of the most advanced technologies applied to the engine, as well as a strong track record of reliability and low maintenance costs.

CASE understands that power and performance are crucial for the success of a machine. The S8000 generation engine, manufactured by CNH Industrial, is a turbocharged air-to-air aftercooled 4-cylinder, 3.9-liter engine with a mechanical injection system. The S8000 offers excellent performance, including a faster response time. It is TIER III certified, thanks to its EGR technology. To complete the package, the new 163-liter fuel tank comes with its own anti-vandalism cap, making the machine secure even while waiting for the next operation.

To enhance machine safety further, the 580N Series 2 HD and 580N Series 2 come with factory-installed telematics with a 2-year subscription for the customer, allowing the customer to monitor their machine remotely, ensuring complete fleet management.

SINGLE AND EFFICIENT HYDRAULIC PUMP FOR ALL OPERATIONS

The new hydraulic pump has a higher flow rate, delivering the necessary force for heavier and more productive tasks, resulting in quicker commands and responses.



SUPPORT COMES STANDART.

CASE Care is a unique program covering a range of services, from preventive and corrective maintenance of your machine to fleet management via satellite. The program offers free online training to operators for the entire CASE line. Case understands the importance of greater availability of your equipment and offers SystemGard®, the fluid monitoring program for your equipment. Visit www.casece.com/latam/en-la/ to learn about the different services that CASE Care offers for your machine.



PRODUCT SUPPORT SOLUTIONS

Your CASE dealer knows how you can best maximize your equipment investment and uptime—with genuine CASE parts, expert service and a complete range of product support solutions. And only CASE dealers have exclusive access to the Electronic Service Tool (EST) that quickly pinpoints machine issues. Just ask your dealer for details.



FLEXIBLE FINANCIAL OPTIONS

Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading CASE equipment while no-nonsense warranties and comprehensive protection plans ensure that your equipment is protected. As the only finance company dedicated to CASE in Argentina, we offer strong products and services designed around your unique needs and are the only ones supported by the helpful service professionals at your CASE dealer.





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It is the **CASE Customer Assistance**, a differentiated customer service program, offering the agility you need and the quality you deserve. So, wherever you are, if you need **CASE**'s support, just call us. We are connected to you 24 hours a day, 7 days a week. **CASE Customer Assistance**. By your side, wherever you are.



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