

**WHEEL LOADERS  
W20E TURBO**

**CASE**  
CONSTRUCTION



**PERFECT IN  
EVERY MISSION**

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**EXPERTS FOR THE REAL WORLD  
SINCE 1842.**





## **NEW VERSION WITH GREATER VERSATILITY AND LOWER OPERATIONAL COST**

**The wheel loader *CASE W20E Turbo* is the market leader in its segment being one of the most competitive in the market. Designed to handle heavy workloads, the *CASE W20E Turbo* loader is notable for its robustness, large load capacity and ease of use.**

**Its new *cabin is very spacious*. Certified to *ROPS/FOPS* standards, its new design provides the operator wide visibility and comfort, with simple and smooth levers, air conditioner and heating controls.**

**The *W20E Turbo* is a loader capable of meeting all of your needs. In addition, it offers ease of maintenance and the best technical assistance in the market. Its comfort and ease of operation guarantee increased productivity.**







- Excellent visibility.
- Ease of use.
- Easy maintenance.
- Safety in operation.
- Component durability.
- Height limiter with manual control.

## OPERATOR COMPARTMENT

### Greater comfort and visibility.

The **CASE W20E Turbo** cabin has a new design and is very spacious, comfortable and offers wide visibility in all directions. Mounted on front chassi, the cabin follows the movement of the machine, which provides greater precision in the work. Safety is assured by the ROPS/FOPS structure, providing protection in the event of rollover and protects the operator in case of objects falling from the top of the cabin.

Its commands are arranged ergonomically, in addition to being fast and precise, which provides an easy and comfortable operation. The door handle's new location is more ergonomic, making it easy and simple to open and close the cabin. Another feature of the **W20E Turbo** is the heating, providing comfortable operations on cold days.

A complete and easy to read instrument panel ensures an easy monitoring of engine temperature, oil pressure, the restriction of the filter, and the braking system pressure. An advantage of this panel is that each tool can be replaced individually. Furthermore, the transmission neutralization system can be set on the panel, and the parking brakes are also set manually.

The open cabin version is equipped with windshield against wind and rain. The closed cabin version comes with tilting window and air conditioning, allowing a comfortable working environment. The **CASE W20E Turbo** has two command levers and can, optionally, be equipped with a third lever or a joystick.



The standard version comes equipped with two command levers which provides ease and agility in operation. As an option, the CASE W20E Turbo loader is equipped with three levers or a joystick.



The parking brakes are also set manually.



The anti-rollover ROPS/FOPS cabin assures the operator's safety. The windshield wipers fixed on to the upper cabin structure, guarantees comfort and visibility.

## DRIVETRAIN.

### More power, less wear and high productivity.

The 6BT5.9 turbo engine with 152 HP, offers great torque, high performance, reliability and low fuel consumption. It **contains 40% less in moving parts**, which means lower wear and a lower maintenance cost. Moreover, the components are integrated, making access easier.

The **transmission is Powershift type** and has a mechanical drive. This system offers the neutralization for the loading, which is activated by pressing a button on the panel. When activated, simply press the brake pedal to immediately transfer more power from the engine to the loader. This guarantees faster lifting cycles with the bucket full .

The **CASE W20E Turbo** is equipped with heavy-duty axles. Both front and rear HD axles are equipped with anti-slip differentials, increasing productivity, traction capacity, and tire durability.

The wet disc braking system is triggered by a single pedal with hydraulic activation. This system assures better control and more braking efficiency. Each braking circuit is equipped with a nitrogen accumulator, which assures greater braking efficiency.

- Anti-slip differential.
- Efficient and reliable engine.
- Wet disc brakes.
- Easy maintainance.



The axles with anti-slip device increase the tire durability . Furthermore, this equipment provides more traction strength in slippery surfaces.



The turbo engine of 152 HP is the most powerful of the category.



The Powershift transmission has 4 -speeds, forward and the reverse. The mechanical drive assures more precise changings., while the neutralization for the loading guarantees better operations and higher productivity.





## **CASE W20E TURBO.**

### **Reliability at any construction work site.**

The **CASE W20E Turbo** is fast, strong and robust. Which is why it has excellent productivity even under the worst working conditions. This loader's characteristics guarantee unmatched performance and versatility in any operation. The fertilizer version (Special Protection), projected for the corrosive environments, has a special paint coating, protected electrical circuits and components protected and it is equipped with a closed, A/C cabin.



**Master switch.**  
This switch guarantee the electrical circuit protection, and is anti-vandalism protection.



**Tank filler cap.**  
Equipped with a keylock for greater safety, ease of use and speed when refueling.



**Air conditioner.**  
For a cooler and more comfortable work environment. Its controls are easy to reach and provide greater ease of use and comfort.



**Articulation.**  
At 40 degrees, its permits shorter space maneuvers. The articulation cylinders are located at the top of the chassi. A central pivot system permits the front and rear wheels to travel the same tracks.

**Case Care** is a unique program that encompasses various services, from preventive maintenance repair services up to fleet management.

For **CASE**, it is critically important to offer the best machines and services available in the construction industry. And providing our client with quality technical assistance, whenever necessary, is a commitment that we undertake.

## **CASE CARE PROVIDES COMPLETE SOLUTIONS FOR YOUR WORK SITE AND YOUR REQUIREMENTS FOR PRODUCTIVITY AND SAFETY.**

**CASE**, understanding the importance of a greater efficiency of your equipment, offers a program for monitoring fluids called **SystemGard®**. This program monitors the conditions of the machinery fluids.

**Case Care** also provides free and on-line training for all **CASE** machinery operators, in order to gain knowledge, both practical and theoretical, for ensuring best results.

Please refer to our site [www.casece.com.br](http://www.casece.com.br) and learn all the type of services that **Case Care** offers to take care of your machine.

Find your nearest dealer **CASE**. There you will find technical support and help in order to guarantee the best results and the highest profitability for your business.





# WHEEL LOADER W20E TURBO

# CASE

CONSTRUCTION



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