

**L-SERIES CRAWLER DOZERS**  
**1150L / 1650L**

**CASE**  
CONSTRUCTION



**PERFECT IN  
EVERY MISSION**

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

# **BOOST YOUR PRODUCTIVITY**

## **POWER AND EFFICIENCY**

- **Drawbar pulling leadership:** the hydrostatic transmission and the common rail engine deliver best-in-class pulling capacity and controllability. All the working parameters can be customized by the driver for excellent machine controllability and faster cycle times.
- **Productivity boosting electronics:** the cab controls offer a wide choice of electronic settings and automated functions that make the driver's job easier. Together with the lowest noise level in the market, they minimise fatigue on long working days.
- **Quick maintenance:** the tilting cab provides an outstanding accessibility to all main components and enable you to service the L-Series from the ground for any extraordinary maintenance.



## **FPT INDUSTRIAL ENGINE**

The state-of-the-art common rail engine delivers top performance in load response, max torque, power and fuel economy.

The turbocharged engine with an Air-to-Air intercooler relies on well proven multi injection technology to maximize torque back-up and fuel efficiency with reduced engine noise and vibrations.

## **NEVER ENDING POWER**

The powerful FPT Industrial engine ensures high torque back-up under load. When the tractive effort grows and the rpm tends to drop, the engine power grows up to 16% till 1800 rpm. The result is constant performance and higher pulling capacity. In addition, the ability to work with high torque at lower engine rpm reduces engine wear.



## **DUAL PATH HYDROSTATIC TRANSMISSION**

The entirely re-engineered transmission offers best-in-class pulling capacity combined with the typical manoeuvrability of the hydrostatic solution. The triple reduction final drives ensure high torque on the ground, reducing the working pressure of the entire system and improving its overall efficiency.

## **ROBUST UNDERCARRIAGE**

The undercarriage featured on Case Crawler Dozers is designed for the toughest environments. Both 1150L and 1650L are available with the XLT tracks, to provide excellent drawbar pull force and perfect dozing and grading accuracy at the same time.

## **PAT BLADE AS STANDARD ON BOTH MODELS**

Thanks to the PAT (Power Angle Tilt) blade, operators can do the job faster, easier, with more comfort, increasing the machine productivity and the capability to work in very different applications/environments: it is the ideal solution for this class of dozers, that are used in residential, commercial, utility and roads and bridges site preparation work.

## **EASY SERVICEABILITY - GROUND ACCESS AND TILTABLE CAB**

CASE Dozers are designed to grant ground access to all periodic service and check points, to ease the maintenance and extend machine life. Further more, the **tiltable cab** provides full accessibility of all main components even in CASE of any extraordinary service maintenance.



# PRODUCTIVITY BOOSTING ELECTRONICS



## AGILE AND STRONG

*The operator has full control of the massive power of the L-Series Dozers. The electro-hydraulic joystick allows to customise the reversing and steering sensitivity for faster and more efficient cycles. The decelerator pedal can be used either to reduce the travel speed only or travel speed and engine rpm.*



## ADJUSTABLE BLADE PITCH

*The low-effort blade hydraulics feature powerful cylinders able to move the blade with ease and control. The mechanical pitch blade can be set between 50 to 60 degrees to suit every dozing application and ground condition.*

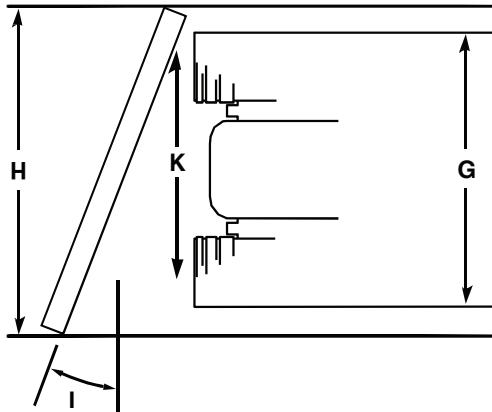


## UNMATCHED VISIBILITY

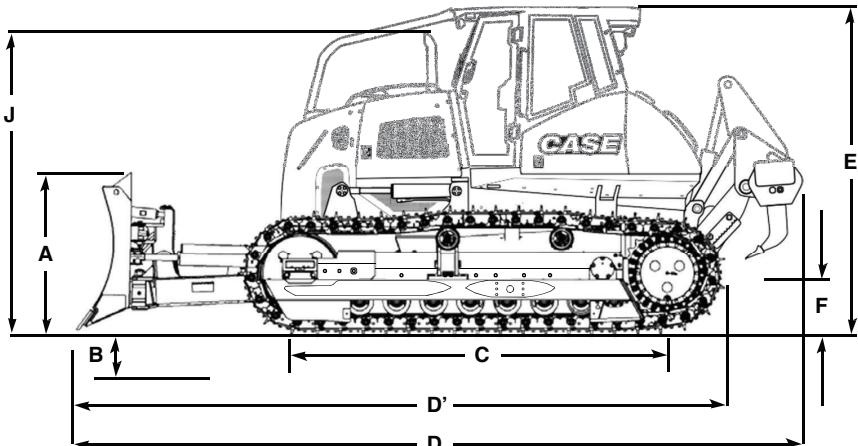
*The L-Series cab is engineered for operator performance, comfort and safety. Thanks to the excellent visibility, the operator can work with confidence and more productively in every operation. The air suspended seat is easy to adjust, providing every operator with a perfect working position. The powerful air conditioning system combined with the best-in-class noise level provide an excellent working environment, reducing operator stress during long working days.*

# L-SERIES CRAWLER DOZER SPEC SHEETS

## GENERAL DIMENSIONS



Line drawings are for illustrative purpose only and may not be exact representation of unit.



## 1150L

DIMENSION	XLT (extra-long track)
A Blade height	1120 mm
B Depth of the blade in the ground	483 mm
C Length of the track on the ground	2590 mm
D Length of the blade in the straight position and ripper	5973 mm
D' With blade in the straight position and drawbar	5025 mm
E Height to top of cab	2882 mm
F Ground clearance	379 mm
G Width to the ends of the tracks	2286 mm
H Width of the blade at a maximum angle	2787 mm
Width of the blade fully placed on the ground	3048 mm

DIMENSION	XLT (extra-long track)
I Blade angle of attack	25°
J Height of the exhaust	2849 mm
K Track Gauge	1778 mm
Width of the shoe	508 mm
Area of the track on the ground	26323 cm <sup>2</sup>
Pressure on the ground	0.47 kgf/cm <sup>2</sup>
SAE blade capacity	2.9 m <sup>3</sup>
Elevation of the blade over the ground	965 mm
Blade oscillation (up to 8.3°)	439 mm

## 1650L

DIMENSION	XLT (extra-long track)
A Blade height	1183 mm
B Depth of the blade in the ground	490 mm
C Length of the track on the ground	3050 mm
D Length of the blade in the straight position and ripper	6637 mm
D' With blade in the straight position and drawbar	5482 mm
E Height to top of cab	3057 mm
F Ground clearance	347 mm
G Width to the ends of the tracks	2438 mm
H Width of the blade at a maximum angle	2810 mm
Width of the blade fully placed on the ground	3175 mm

DIMENSION	XLT (extra-long track)
I Blade angle of attack	25.7°
J Height of the exhaust	2884 mm
K Track Gauge	1880 mm
Width of the shoe	559 mm
Area of the track on the ground	34093 cm <sup>2</sup>
Pressure on the ground	0.47 kgf/cm <sup>2</sup>
SAE blade capacity	3.5 m <sup>3</sup>
Elevation of the blade over the ground	950 mm
Blade oscillation (up to 8.3°)	450 mm

NOTE: Ground clearance and overall height dimensions are with the grousers fully penetrated. Add 52.5 mm if unit is on solid surface.





## STANDARD

### ENGINE

FPT Industrial engine NEF Family  
Fan belt automatic tensioner  
Engine oil cooler  
Fuel filter  
Dual element radial seat air cleaner  
Turbine type pre-filter  
65 A alternator  
Battery (2) 12V 750 A CCA  
Cooling system with radiators protected against possible sand projection  
Excellent access for maintenance by panels on the sides of the engine

### POWERTRAIN

2-way closed circuit with automatic speed variation with hydrostatic drive and electric control that adjusts the power and speed independently for each tread while turning or counter-rotating.

### FINAL COMMANDS

Triple reduction of final commands  
SAHR type parking brake (applied by spring and released by hydraulic pressure)

### UNDERCARRIAGE

Hydraulic adjustment of the tracks through grease injection CASE Lubricated Track (CLT)  
Sealed and Lubricated pins, upper and lower rollers sealed and lubricated  
Front and rear track guides

### BLADE

With manual inclination adjustment from 55° to 60°  
Blade control with a single lever (electric-hydraulic) on the right side of the operator, with infinitely variable positions to control the six blade function (up, down, angled to the left and right, tilt to the left and right)

### OPERATOR ENVIRONMENT

Cab ROPS/FOPS with A/C  
Single joystick for speed and direction  
Adjustable seat  
Adjustable arm rests  
50.8 mm (2") retractable seatbelt

### OTHER

Reverse gear warning  
Horn  
Lights: 2 in front and 1 in rear  
Master key  
Mirror

## OPTIONAL

### REAR MOUNTED EQUIPMENT

Rear draw bar  
Ripper with 3 shanks

### GUARDS

CAB canopy brush guard

### OTHER

Drains that protect the environment while changing fluids  
Intake air heater for ignition in cold climates  
Anti-vandalism package  
Frontal tow hook

### OPERATOR ENVIRONMENT

Rear windshield wiper  
Additional work lights totaling four in the front and two in the back rearview mirrors

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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.**