

# Product Specifications For 926



## Engine

<b>Rated Gross Power - SAE J1995</b>	127 kW
<b>Engine Model</b>	Cat C7.1*
<b>Performance Mode</b>	Automatic
<b>Rated Gross Power - Rated Engine Speed</b>	1800 r/min
<b>Rated Gross Power - SAE J1995 (DIN)</b>	172 mhp
<b>Rated Engine Power - ISO 14396</b>	125 kW
<b>Rated Engine Power - ISO 14396 (DIN)</b>	170 mhp
<b>Rated Net Power - SAE J1349 at Minimum Fan Speed</b>	123 kW
<b>Rated Net Power - ISO 9249 at Minimum Fan Speed</b>	123 kW
<b>Rated Net Power - ISO 9249 (DIN) at Minimum Fan Speed</b>	167 mhp
<b>Maximum Gross Torque - Engine Speed</b>	1400 r/min
<b>Maximum Gross Torque - SAE J1995</b>	824 N·m

**Maximum Gross Torque - ISO 14396** 815 N·m

**Maximum Net Torque - SAE J1349** 804 N·m

**Maximum Net Torque - ISO 9249** 807 N·m

**Displacement** 7.01 l

**Bore** 105 mm

**Stroke** 135 mm

**Note** \*Meets U.S EPA Tier 4 Final, EU Stage V off-highway, and Japan 2014 emission standards.

**Note (1)** Advertised power is tested per the specified standard in effect at the time of manufacture

**Note (2)** Net power ratings are tested at the reference conditions for the specified standard and denote power available at the flywheel when engine is equipped with alternator, air cleaner, emission components and fan at specified speed.

**Note (3)** No derating required up to 3000 m (10,000 ft) altitude. Auto derate protects hydraulic and transmission systems.

## Weights

**Operating Weight** 12688 kg

**Operating Weight - High Lift** 13049 kg

## Buckets

**Bucket Capacities** 1.9-5 m<sup>3</sup> (2.5-6.5 yd<sup>3</sup>)

## Steering

<b>Steering Cylinder - Bore Diameter</b>	70 mm
<b>Steering Cylinder - Rod Diameter</b>	40 mm
<b>Steering Cylinder - Stroke</b>	438 mm
<b>Maximum Flow - Steering Pump</b>	130 L/min
<b>Maximum Working Pressure - Steering Pump</b>	24130 kPa
<b>Steering Cycle Times (Full Left to Full Right) - Minimum RPM: Pump Flow Limited</b>	2.8 s
<b>Steering Cycle Times (Full Left to Full Right) - Maximum RPM: 90 RPM Steering Wheel Speed</b>	2.4 s

## Loader Hydraulic System

<b>Maximum Flow - Implement Pump</b>	150 L/min
<b>Maximum Flow - Implement Pump - 3rd Function Maximum Flow*</b>	150 L/min
<b>Maximum Flow - Implement Pump - 4th Function Maximum Flow*</b>	150 L/min
<b>Maximum Working Pressure - Implement Pump</b>	26000 kPa
<b>Relief Pressure - Tilt Cylinder</b>	28000 kPa
<b>Relief Pressure - Tilt Cylinder - 3rd and 4th Function Maximum Working Pressure</b>	26000 kPa
<b>Relief Pressure - Tilt Cylinder - 3rd and 4th Function Relief Pressure</b>	28000 kPa
<b>Lift Cylinder: Standard Lift Linkage - Bore Diameter</b>	110 mm

**Lift Cylinder: Standard Lift Linkage - Rod Diameter** 60 mm

**Lift Cylinder: Standard Lift Linkage - Stroke** 728 mm

**Tilt Cylinder: Standard Lift Linkage - Bore Diameter** 140 mm

**Tilt Cylinder: Standard Lift Linkage - Rod Diameter** 75 mm

**Tilt Cylinder: Standard Lift Linkage - Stroke** 516 mm

**Hydraulic Cycle Time - Raise, Ground Level to Maximum Lift** 5.5 s

**Hydraulic Cycle Time - Dump (at Maximum Lift Height)** 1.5 s

**Hydraulic Cycle Time - Float Down, Maximum Lift to Ground Level** 2.6 s

**Hydraulic Cycle Time - Total Cycle Time** 9.6 s

**Note** \*3rd and 4th function flow is fully adjustable from 20% to 100% of maximum flow through the secondary display when equipped.

## Service Refill Capacities

**Fuel Tank** 195 l

**Cooling System** 30 l

**Engine Crankcase** 20 l

**Transmission - Gear Box** 8.5 l

<b>Front Axles</b>	26 l
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<b>Rear Axles</b>	25 l
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<b>Hydraulic System - Including Tank</b>	160 l
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<b>Hydraulic Tank</b>	90 l
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<b>Diesel Exhaust Fluid (DEF) Tank</b>	19 l
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<b>Note</b>	DEF used in Cat systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241-1:2019.
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## Transmission

<b>Forward and Reverse - Range 1*</b>	1-13 km/h (0.6-8 mph)
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<b>Forward and Reverse - Range 2</b>	13 km/h
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<b>Forward and Reverse - Range 3</b>	27 km/h
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<b>Forward and Reverse - Range 4</b>	40 km/h
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<b>Note</b>	*Creeper control allows maximum speed range adjustability from 1 km/h (0.6 mph) to 13 km/h (8 mph) in Range 1 through the secondary display when equipped. Factory default is 7 km/h (4.4 mph).
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## Tires

<b>Standard Size</b>	20.5 R25, radial (L-3)
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<b>Other Choices Include</b>	20.5 R25, radial (L-2), 20.5 R25, radial (L-5), 20.5-25 12PR (L-2), 20.5-25 12PR (L-3), 20.5-25 16PR (L-5), 17.5 R25, radial (L-2), 17.5 R25, radial (L-3), 17.5 R25, radial (L-5), 550/65 R25 radial (L-3), Skidder/Agriculture
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**Note (1)** Other tire choices are available. Contact your Cat dealer for details.

**Note (2)** In certain applications, the loader's productive capabilities may exceed the tire's tonnes-km/h (ton-mph) capabilities.

**Note (3)** Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model.

## Cab

**ROPS** ISO 3471:2008

**FOPS** ISO 3449:2005 LEVEL II

## Axles

**Front** Fixed; Locking differential (standard)

**Rear** Oscillating  $\pm 11$  degrees; Open differential (standard); Limited slip differential (optional)

## Air Conditioning System

**Air Conditioning** The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.9 kg (4.2 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 2.717 metric tonnes (2.99 tons).

## Sound

**Operator Sound Pressure (ISO 6396:2008)** 68 dB(A)

**Average Exterior Sound Pressure (ISO 6395:2008)** 101 dB(A)

**Note (1)** European Union Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701.

## Sustainability

**Recyclability** 95%

## Dimensions With Bucket - Standard Lift

**Height - Ground to Cab\*\*** 3340 mm

**Height - Ground to Beacon\*\*** 3707 mm

**Height - Ground to Axle Center\*\*** 685 mm

**Height - Ground Clearance\*\*** 397 mm

**Length - Overall\*** 7388 mm

**Length - Rear Axle to Bumper** 1958 mm

**Length - Hitch to Front Axle** 1500 mm

**Length - Wheel Base** 3000 mm

**Clearance - Bucket at 45°\*** 2881 mm

**Clearance - Load over Height\*\*** 3351 mm

**Clearance - Level Bucket\*\*** 3576 mm

**Height - Bucket Pin\*\*** 3903 mm

**Height - Overall\*\*** 5072 mm

**Reach - Bucket at 45°\*** 928 mm

**Carry Height - Bucket Pin** 382 mm

<b>Dig Depth**</b>	100 mm
<b>Width - Bucket</b>	2550 mm
<b>Width - Tread Center</b>	1930 mm
<b>Turning Radius - Over Bucket</b>	5903 mm
<b>Width - Over Tires</b>	2540 mm
<b>Turning Radius - Outside of Tires</b>	5402 mm
<b>Turning Radius - Inside of Tires</b>	2851 mm
<b>Rack Angle at Full Lift</b>	53 °
<b>Dump Angle at Full Lift</b>	50 °
<b>Rack Angle at Carry</b>	41 °
<b>Departure Angle</b>	33 °
<b>Articulation Angle</b>	40 °
<b>Operating Weight</b>	12688 kg
<b>Note (1)</b>	*Vary with bucket.
<b>Note (2)</b>	**Vary with tire.
<b>Note (3)</b>	Dimensions listed are for a machine configured with 1.9 m <sup>3</sup> (2.5 yd <sup>3</sup> ) general purpose Fusion™ bucket, bolt-on cutting edge, standard counterweights, additional guarding, 80 kg (176 lb) operator and 20.5 R25 (L-3) XHA2 tires.

## Dimensions With Bucket - High Lift

**Height - Ground to Cab\*\*** 3340 mm

**Height - Ground to Beacon\*\*** 3707 mm

**Height - Ground to Axle Center\*\*** 685 mm

**Height - Ground Clearance\*\*** 397 mm

**Length - Overall\*** 8065 mm

**Length - Rear Axle to Bumper** 1958 mm

**Length - Hitch to Front Axle** 1500 mm

**Length - Wheel Base** 3000 mm

**Clearance - Bucket at 45°\*** 3378 mm

**Clearance - Load over Height\*\*** 3550 mm

**Clearance - Level Bucket\*\*** 4073 mm

**Height - Bucket Pin\*\*** 4400 mm

**Height - Overall\*\*** 5569 mm

**Reach - Bucket at 45°\*** 1261 mm

**Carry Height - Bucket Pin** 582 mm

<b>Dig Depth**</b>	135 mm
<b>Width - Bucket</b>	2550 mm
<b>Width - Tread Center</b>	1930 mm
<b>Turning Radius - Over Bucket</b>	6226 mm
<b>Width - Over Tires</b>	2540 mm
<b>Turning Radius - Outside of Tires</b>	5402 mm
<b>Turning Radius - Inside of Tires</b>	2851 mm
<b>Rack Angle at Full Lift</b>	51 °
<b>Dump Angle at Full Lift</b>	49 °
<b>Rack Angle at Carry</b>	47 °
<b>Departure Angle</b>	33 °
<b>Articulation Angle</b>	40 °
<b>Operating Weight</b>	13049 kg
<b>Note (1)</b>	*Vary with bucket.
<b>Note (2)</b>	**Vary with tire.
<b>Note (3)</b>	Dimensions listed are for a machine configured with 1.9 m <sup>3</sup> (2.5 yd <sup>3</sup> ) general purpose Fusion™ bucket, bolt-on cutting edge, standard counterweights, additional guarding, 80 kg (176 lb) operator and 20.5 R25 (L-3) XHA2 tires.

## 926 Standard Equipment

## **NOTE: Not All Features Are Available In All Regions.**

### **OPERATOR ENVIRONMENT**

75 mm (3 in) retractable seatbelt  
Automatic temperature control  
Cab, enclosed ROPS/FOPS pressurized and sound suppressed  
Push to Start  
8 Inch Touch Screen  
Jog Dial with screen control  
Programmable Joystick  
Cup holders  
External mirrors with lower parabolic  
Ground level cab door release  
Hydraulic control lockout  
Interior cab lighting, door  
Lunch box storage  
Operator Not Present system  
Radio ready speakers  
Rear window defrost, electric  
Seat mounted electronic implement controls, adjustable  
Sliding glass on side window  
Column mounted multi function control lights, wipers, turn signal  
Suspension seat, fabric  
Tilt steering wheel  
Tinted front glass  
Wet arm wiper/washer, 2-speed and intermittent, front  
Wet arm wiper washer, rear  
Mounting Provision  
Digital hour meter, odometer and tachometer  
Digital ground speedometer and direction indicator  
Engine coolant temperature gauge  
Fuel and diesel exhaust fluid levels  
Hydraulic oil temperature gauge

### **POWER TRAIN**

Cat C7.1 engine  
Auto idle shut down feature  
Auto Engine RPM  
Tier 4 Final/EU Stage V compliant  
Turbocharged and aftercooled  
Filtered crankcase breather  
Diesel particulate filter  
Selective catalyst reduction  
Dry type air cleaner  
Coolant protection to -34 °C (-29 °F)  
Fuel priming pump, automatic

Fuel water separator  
Differential lock in front axle  
Axle seal guards  
Enclosed wet disc full hydraulic brakes  
Parking brake, electric  
Lubed for life driveshafts  
Hydrostatic transmission with electronic control  
Operator modes (TC, Hystat,  
Single Pedal and Ice)  
Directional shift aggressiveness (fast, medium, slow)  
Auto Wheel Torque control, adjust wheel torque  
Creeper control, adjust ground speed  
Single plane cooling package, wide 6 fins per inch density  
Hydraulically driven demand cooling fan  
Scheduled Oil Sampling (S·O·SSM) port, engine, coolant, transmission

## **HYDRAULICS**

Automatic lift and bucket kickouts, adjustable in-cab  
Bucket and fork modes, adjustable in-cab  
Cylinder damping at kickout and mechanical end stops  
Fine mode control (fast, medium, slow)  
Hydraulic response setting (fast, medium, slow)  
Hydraulic diagnostic connectors and  
S·O·S ports  
Hydraulic sight gauge, visible  
Load sensing hydraulics and steering  
Seat mounted hydraulic joystick controls  
Cat Payload 250 hours of Demo

## **ELECTRICAL**

Alternator, 115-amp, heavy duty  
12V power supply in cab (2)  
Batteries, 1,000 CCA (2) 24-volt system, disconnect switch  
Back up alarm  
Emergency shutdown switch  
LED rear stop and turn lights  
Heavy duty gear reduction starter  
Product Link™ Elite  
Remote jump start post  
Resettable main and critical function breakers  
Roading lights front and rear

## **OTHER**

Large-access enclosure doors with adjustable close/open force  
Parallel lift loader linkage  
Recovery hitch with pin  
Remote mounted lubrication points

Lockable compartments  
1000-hour Service Intervals (after initial 500)

## **926 Optional Equipment**

**NOTE: Not All Features Are Available In All Regions.**

### **OPERATOR ENVIRONMENT**

Joystick steering – 25 mph (40 kph) capable

Radio packages

Telescoping Steering Column

Deluxe seat – fully adjustable fabric air suspension seat with mid seat backrest

Premium seat – fully adjustable leather and fabric air suspension with high backrest and air lumbar support. Seat is heated and ventilated on bottom cushion and backrest.

Rear Object Detection

Multi View Camera

Front View Camera, roof mounted

Heated external Mirrors (2)

Electrically adjustable and heated external mirrors (2)

Internal Mirrors (2)

Sunscreen, front and rear

Windshield Washing Platform

Powered precleaned for cab air

Cab guarding

### **POWER TRAIN**

Differential, limited slip, rear

Powertrain Guarding

Tire Pressure Monitoring (TPM)

Range of Tire Options

Fenders (extended cover and full coverage)

### **HYDRAULICS**

Auxiliary flow, third and fourth function

Connect Under Pressure Disconnects

Ride Control System, adjustable via display

Autolube, integrated in display

Biodegradable Oil

Debris packages (low, medium, high)

### **ELECTRICAL**

Cold start package

Ether starting aid, block heater and additional batteries, 1,000 CCA (4 total)

Lights, auxiliary, halogen or LED with engine and DEF compartment lights

Beacon light, strobe

Light Guarding

## **OTHER OPTIONAL EQUIPMENT**

Linkage, high lift

Coupler, (Fusion and ISO 23727:2009)

Aggregate Counterweight

Cat Payload Printer

Cylinder Guarding

Range of Work Tool Attachments