

PRODUCT SPECIFICATIONS FOR 926M

ENGINE

Maximum Gross Power	168 HP
Maximum Net Torque - SAE J1349 (Performance Power Mode: Range 1-4)	588 ft·lbf
Maximum Gross Power - 1,600 rpm - ISO 14396 (DIN) (Standard Power Mode: Range 1-3*)	162 mhp
Maximum Gross Power - 1,800 rpm - ISO 14396 (Performance Power Mode: Range 1-4)	168 HP
Rated Net Power - 1,600 rpm - SAE J1349 at Minimum Fan Speed (Standard Power Mode: Range 1-3*)	156 HP
Maximum Net Torque - SAE J1349 (Standard Power Mode: Range 1-3*)	573 ft·lbf
Rated Net Power - 1,800 rpm - SAE J1349 at Minimum Fan Speed (Performance Power Mode: Range 1-4)	163 HP
Maximum Gross Torque - ISO 14396 (Standard Power Mode: Range 1-3*)	586 ft·lbf
Rated Net Power - 1,800 rpm - ISO 9249 (DIN) at Minimum Fan Speed (Performance Power Mode: Range 1-4)	166 mhp
Maximum Gross Power - 1,800 rpm - ISO 14396 (DIN) (Performance Power Mode: Range 1-4)	170 mhp
Maximum Gross Power - 1,600 rpm - ISO 14396 (Standard Power Mode: Range 1-3*)	160 HP
Maximum Gross Torque - ISO 14396 (Performance Power Mode: Range 1-4)	601 ft·lbf
Displacement (Performance Power Mode: Speed Range 1-4)	427 in ³
Displacement (Standard Power Mode: Speed Range 1-3*)	427 in ³
Engine Model	Cat C7.1**
Rated Net Power - 1,600 rpm - ISO 9249 (DIN) at	158 mhp

**Minimum Fan Speed (Standard Power Mode:
Range 1-3*)**

Note (1) Net power ratings are tested at the reference conditions for the specified standard and denote power available at the flywheel when the engine is equipped with alternator, air cleaner, emission components and fan at specified speed.

Note (2) No derating required up to 3000 m (10,000 ft) altitude. Auto derate protects hydraulic and transmission systems.

Note (3) *Range 4 power and torque is equal to Performance Mode with Caterpillar Power by Range technology.

Note (4) **The Cat C7.1 engine meets Tier 4 Final/Stage V off-highway emission standards.

**Rated Net Power - 1,800 rpm - ISO 9249 at
Minimum Fan Speed (Performance Power Mode:
Range 1-4)** 164 HP

**Maximum Net Torque - ISO 9249:2007
(Performance Power Mode: Range 1-4)** 587 ft·lbf

**Maximum Net Torque - ISO 9249:2007 (Standard
Power Mode: Range 1-3*)** 572 ft·lbf

**Rated Net Power - 1,600 rpm - ISO 9249 at
Minimum Fan Speed (Standard Power Mode:
Range 1-3*)** 156 HP

BUCKETS

Bucket Capacities 1.9-5 m³ (2.5-6.5 yd³)

Bucket Capacities - General Purpose 1.9-2.5 m³ (2.5-3.2 yd³)

Bucket Capacities - Light Material 3.1-5 m³ (4.0-6.5 yd³)

WEIGHTS

Operating Weight 28193 lb

CAB

ROPS	ISO 3471:2008
FOPS	ISO 3449:2005 Level II
Note (2)	The declared dynamic operator sound pressure levels per ISO 6396:2008*, when properly installed and maintained, are: – Standard cab: 68 ±3 dB(A) – Deluxe cab: 66 ±2 dB(A)
Note (1)	Cab and Rollover Protective Structures (ROPS) are standard in North America and Europe.
Note (3)	*The measurements were conducted with the cab doors and windows closed and at 70% of the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds.

SERVICE REFILL CAPACITIES

Engine Crankcase	5.3 gal (US)
Fuel Tank	51.5 gal (US)
Front Axles	6.9 gal (US)
Rear Axles	6.6 gal (US)
Cooling System	7.9 gal (US)
Transmission - Gear Box	2.2 gal (US)
Note	DEF used in Cat SCR systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241-1.
Hydraulic Tank	23.8 gal (US)
Hydraulic System - Including Tank	42.3 gal (US)
Diesel Exhaust Fluid (DEF) Tank	5 gal (US)

LOADER HYDRAULIC SYSTEM

Hydraulic Cycle Time - Standard Mode at 1,600 rpm - Total Cycle Time	10.5 s
Hydraulic Cycle Time - Performance Mode at 1,800 rpm - Total Cycle Time	9.5 s
Hydraulic Cycle Time - Standard Mode at 1,600 rpm - Float Down, Maximum Lift to Ground Level	2.6 s
Hydraulic Cycle Time - Performance Mode at 1,800 rpm - Float Down, Maximum Lift to Ground Level	2.6 s
Maximum Flow - Implement Pump	40 gal/min
Hydraulic Cycle Time - Standard Mode at 1,600 rpm - Raise, Ground Level to Maximum Lift	6.2 s
Maximum Working Pressure - Implement Pump	3771 psi
Hydraulic Cycle Time - Standard Mode at 1,600 rpm - Dump, at Maximum Lift Height	1.7 s
Hydraulic Cycle Time - Performance Mode at 1,800 rpm - Dump, at Maximum Lift Height	1.5 s
Maximum Flow - Implement Pump - 4th Function Maximum Flow*	40 gal/min
Relief Pressure - Tilt Cylinder - 3rd and 4th Function Relief Pressure	4061 psi
Note (1)	*3rd and 4th function flow is fully adjustable from 20% to 100% of maximum flow through the secondary display, when equipped.
Relief Pressure - Tilt Cylinder	4061 psi
Relief Pressure - Tilt Cylinder - 3rd and 4th Function Maximum Working Pressure	3771 psi
Hydraulic Cycle Time - Performance Mode at 1,800 rpm - Raise, Ground Level to Maximum Lift	5.5 s
Maximum Flow - Implement Pump - 3rd Function Maximum Flow*	40 gal/min

SOUND

Note (1)	European Union Directive "2000/14/EC."
Average Exterior Sound Pressure (ISO 6395:2008)	101 dB(A)
Operator Sound Pressure (ISO 6396:2008)	72 dB(A)

STEERING

Maximum Flow - Steering Pump	34 gal/min
Maximum Working Pressure - Steering Pump	3500 psi
Steering Cycle Times - Full Left to Full Right - At 1,800 rpm: 90 rpm Steering Wheel Speed	2.4 s
Number of Steering Wheel Turns - Full Left to Full Right or Full Right to Full Left	3.5 turns
Maximum Steering Torque - 0° (Straight Machine)	37155 ft·lbf
Maximum Steering Torque - 40° (Full Turn)	27747 ft·lbf
Steering Articulation Angle - Each Direction	40°

TRANSMISSION

Forward and Reverse - Range 4	25 mile/h
Forward and Reverse - Range 1*	1-13 km/h (0.6-8 mph)
Forward and Reverse - Range 2	8 mile/h
Forward and Reverse - Range 3	17 mile/h
Note	*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).

AXLES

Front	Fixed; Locking differential (standard)
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Rear

Oscillating ± 11 degrees; Open differential (standard); Limited slip differential (optional)

TIRES

Note (1)

Other tire choices are available. Contact your Cat dealer for details.

Other Choices Include

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

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.

Standard Size

20.5 R25, radial (L-3)

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 of refrigerant which has a CO2 equivalent of 2.717 metric tonnes.

926M STANDARD EQUIPMENT

POWER TRAIN

Axle Duo-Cone™ seal guards

Auto idle shut down feature

Cat C7.1 engine

- Power modes (Standard and Performance)
- Power by range (High Power in Range 4)
- Turbocharged and aftercooled
- Diesel particulate filter (Fit for Life)

Coded start (requires secondary display)

Differential lock in front axle

Enclosed wet disc full hydraulic brakes

Hydraulically driven demand cooling fan

Hydrostatic transmission with electronic control

- Operator modes (Default, TC, Hystat, and Ice)
- Directional Shift Aggressiveness (fast, medium, slow)
- Rimpull control, adjust wheel torque
- Creeper control, adjust ground speed

Parking brake, electric

Single plane cooling package wide six fins per inch density

Oil sampling ports

Throttle lock and max speed limiter

HYDRAULICS

Automatic lift lower and tilt 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)

Load sensing hydraulics and steering

Seat-mounted hydraulic joystick controls

ELECTRICAL

Alternator, 115 amp, heavy duty

Batteries, 1,000 CCA (2) 24V system, disconnect switch

Back-up alarm

Emergency shutdown switch

Halogen work and roading lights, LED rear tail lights

Product Link™ PRO with three year subscription

Remote jump start post

Resettable main and critical function breakers

OPERATOR ENVIRONMENT

75 mm (3 in) High-Vis retractable seat belt, with audible alarm and indicator

Automatic temperature control

Cab, pressurized

Camera, rearview, with dedicated display

External heated mirrors with lower parabolic

Ground level cab door release

Hydraulic control lockout

Mirror, single

Lunch box storage

Radio ready speakers

Rear window defrost, electric

Column mounted multi function control – lights, wipers, turn signal

Tilt and telescopic steering wheel

Tinted front glass

Wet arm wiper/washer, 2-speed and intermittent, front, lights, wipers, turn signal

Suspension seat, fabric

OTHER STANDARD EQUIPMENT

Large-access enclosure doors with adjustable close/open force

Cat optimized Z-bar linkage with parallel lift

Recovery hitch, with pin

Remote mounted lubrication points

Lockable compartments and enclosures

926M OPTIONAL EQUIPMENT

OPTIONAL EQUIPMENT

Autolube, integrated in secondary display

Auxiliary flow, third and fourth function

Differential, limited slip, rear

Beacon light, strobe

Cab, deluxe (standard in Europe)

- Camera, rearview integrated into advanced display
- Electrically adjustable external heated mirrors (2)
- Secondary display to enable features and adjust parameters
- LED interior lighting
- Sunscreen, front and rear
- Touchscreen secondary display
- Ride control adjustable speed activation
- Preventative maintenance reminders
- Integrated help function (26 languages)

Camera, roof mounted, front view with separate display*

Cold start package

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

Counterweight, additional options

Coupler, (Fusion and ISO 23727)

Debris packages (low, medium, high)

Fenders (extended cover and full coverage)

Guarding packages

Linkage, high lift

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

Payload Technology

- Cat Production Measurement (CPM)
- CPM Printer

Product Link ELITE with capabilities for software push, data logging, histogram and trend mapping

Radio packages

Rear Object Detection

Ride Control System, adjustable through secondary display

Seats

- 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.

Steering

– Dual mode and secondary

Tire Pressure Monitoring (TPM)

*NOTE: Not all features are available in all regions.