

Cat[®] 926M

WHEEL LOADER

M Series - Making Your Choice Easy:

- Enjoy All Day Comfort Have a seat in the new M Series Small Wheel Loader and enjoy automatic temperature control, class leading sound levels, and low-effort joystick controls that move with you on a fully adjustable seat suspension. A large spacious operator environment combined with Caterpillar's hydraulic cylinder damping and smooth predictable controls make this the most comfortable seat on your job site.
- Work Made Easy Move more with Caterpillar's patented quick loading Performance Series buckets and optimized Z-bar linkage with enhanced forward visibility that combines the digging efficiency of a traditional Z-bar with tool carrier capabilities. The parallel lift and high tilt forces throughout the working range allow you to confidently handle loads with precise control.
 - Multi-function work has never been easier with dedicated pumps for each system and a flow sharing implement valve governed by an intelligent power management system. Simultaneously lift, steer and drive without compromise. The M Series Small Wheel Loader simply does what you ask it to do.
- Efficiently Powerful Experience hybrid like fuel efficiency with an intelligent hydrostatic power train and industry leading fuel savings through a lower maximum engine speed of just 1,600 rpm in Standard Mode. Power when you need it with Caterpillar's exclusive Power-by-Range technology that increases power in Range 4 for improved speed on grade. For your toughest and most demanding applications a new Performance Mode will allow you to boost the power and hydraulic speed in all ranges to get the job done even quicker. Meets U.S. EPA Tier 4 Final/EU Stage V emission standards with a Cat® C7.1 engine that is designed to manage itself so you can concentrate on your work.
- Customize Your Experience Meet your application requirements and individual preferences with Caterpillar's industry first Hystat™ Operator Modes featuring four unique power train settings. Select classic Torque Converter for smooth rollout, conventional Hystat for aggressive engine braking, an Ice Mode that maximizes your control on stippery underfoot, or default mode which blends the best of Hystat and Torque Converter characteristics. Fine tune machine performance with adjustments at your fingertips through the soft touch buttons and optional secondary display. Quickly set hydraulic response along with linkage kick-out positions, maximum wheel torque, and peak ground speed to efficiently perform a multitude of tasks.

Specifications

Engine		
Engine Model	Cat C7.1**	
Power Mode	Standard Mode	Performance Mode
Speed Range	Range 1-3*	Range 1-4
Maximum Gross Power		-
Maximum Engine Speed	1,600 rpm	1,800 rpm
ISO 14396	119 kW 160 hp	125 kW 168 hp
ISO 14396 (DIN)	162 mhp	170 mhp
Rated Net Power	1,600 rpm	1,800 rpm
SAE J1349 at	·	•
Minimum Fan Speed	116 kW 156 hp	122 kW 163 hp
ISO 9249 at		
Minimum Fan Speed	116 kW 156 hp	122 kW 164 hp
ISO 9249 (DIN) at		
Minimum Fan Speed	158 mhp	166 mhp

Engine (continued)

	Standard Mode	i	Performa Mode	ance
Maximum Gross Torque				
ISO 14396	795 N⋅m	586 lbf-ft	815 N-m	601 lbf-ft
Maximum Net Torque				
SAE J1349	777 N⋅m	573 lbf-ft	797 N·m	588 lbf-ft
ISO 9249:2007	776 N·m	572 lbf-ft	796 N-m	587 lbf-ft
Displacement	7.01 L	427 in ³	7.01 L	427 in ³

- 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.
- No derating required up to 3000 m (10,000 ft) altitude. Auto derate protects hydraulic and transmission systems.
- *Range 4 power and torque is equal to Performance Mode with Caterpillar Power by Range technology.
- **The Cat C7.1 engine meets Tier 4 Final/Stage V off-highway emission standards.



926M Wheel Loader

Buckets		
Bucket Capacities – General Purpose	1.9-2.5 m ³	2.5-3.2 yd ³
Bucket Capacities - Light Material	3.1-5.0 m ³	4.0-6.5 yd³
Steering		
Steering Articulation Angle (each direction)	40°	
Maximum Flow – Steering Pump	130 L/min	34 gal/min
Maximum Working Pressure –		•
Steering Pump	24 130 kPa	3,500 psi
Maximum Steering Torque:		•
0 degrees (straight machine)	50 375 N·m	37,155 lbf-ft
40 degrees (full turn)	37 620 N·m	27,747 lbf-ft
Steering Cycle Times (full left to full right):		
At 1,800 rpm: 90 rpm		
steering wheel speed	2.4 seconds	

3.5 turns

Loader Hydraulic System

Number of Steering Wheel Turns – full left to full right or full right to full left

150 L/min	40 gal/min
150 L/min	40 gal/min
150 L/min	40 gal/min
26 000 kPa	3,771 psi
28 000 kPa	4,061 psi
26 000 kPa 28 000 kPa	3,771 psi 4,061 psi
Standard Mode at 1,600 rpm	Performance Mode at 1,800 rpm
6.2 seconds	5.5 seconds
1.7 seconds	1.5 seconds
2.6 seconds	2.6 seconds
10.5 seconds	9.5 seconds
	150 L/min 150 L/min 26 000 kPa 28 000 kPa 26 000 kPa 28 000 kPa Standard Mode at 1,600 rpm 6.2 seconds 1.7 seconds

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

Service Refill Capacities

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Fuel Tank	195 L	51.5 gal	
Cooling System	30 L	7.9 gal	
Engine Crankcase	20 L	5.3 gal	
Transmission (gearbox)	8.5 L	2.2 gal	
Axles:			
Front	26 L	6.9 ga1	
Rear	25 L	6.6 gal	
Hydraulic System (including tank)	160 L	42.3 gal	
Hydraulic Tank	90 L	23.8 gal	
Diesel Exhaust Fluid (DEF) Tank	19 L	5 gal	

 DEF used in Cat SCR systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241-1.

Transmission

Forward and Reverse:	***	· · · · · · · · · · · · · · · · · · ·	•
Range 1*	1-13 km/h	0.6-8 mph	
Range 2	13 km/h	8 mph	
Range 3	27 km/h	17 mph	
Range 4	40 km/h	25 mph	

^{*}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).

Tires

Standard Size	20.5 R25, radial (L-3)	
Other Choices Include:	20.5 R25, radial (L-2)	17.5 R25, radial (L-2)
	20.5 R25, radial (L-5)	17.5 R25, radial (L-3)
	20.5-25 12PR (L-2)	17.5 R25, radial (L-5)
	20.5-25 12PR (L-3)	550/65 R25 radial (L-3)
	20.5-25 16PR (L-5)	Skidder/Agriculture

- Other tire choices are available. Contact your Cat dealer for details.
- In certain applications, the loader's productive capabilities may exceed the tire's tonnes-km/h (ton-mph) capabilities.
- 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

- Cab and Rollover Protective Structures (ROPS) are standard in North America and Europe.
- 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)

Sound

Operator Sound Pressure (ISO 6396:2008)	72 dB(A)	
Average Exterior Sound Pressure (ISO 6395;2008)	101 dB(A)	
(100 0001200)	101 42014	

European Union Directive "2000/14/EC."

Axles

Front	Fixed
	Locking differential (standard)
Rear	Oscillating ±11 degrees
	Open differential (standard)
	Limited slip differential (optional)

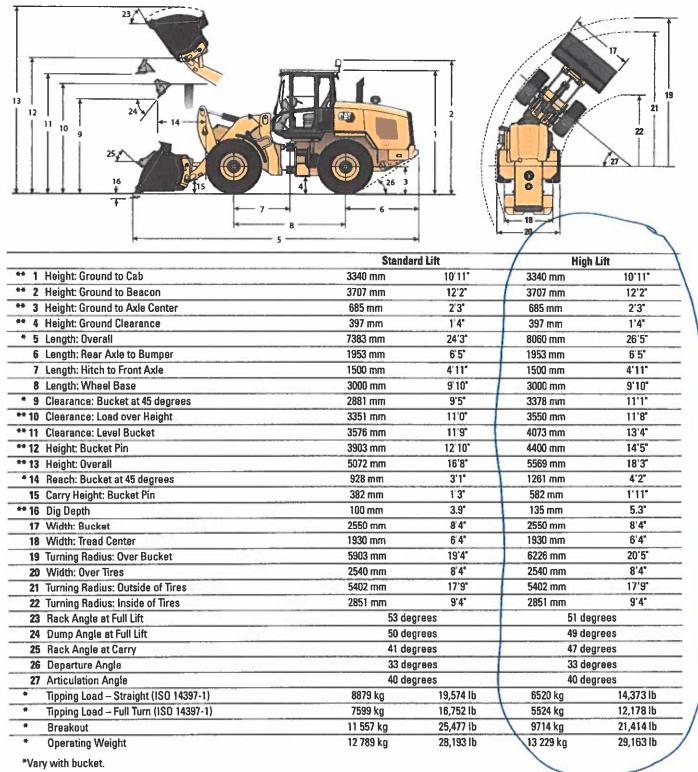
Air Conditioning System

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 $\rm CO_2$ equivalent of 2.717 metric tonnes.

^{*}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.

926M Wheel Loader

Dimensions and Operating Specifications (All dimensions are approximate. Dimensions vary with bucket and tire choice.)



^{**}Vary with tire.

Dimensions listed are for a machine configured with 1.9 m³ (2.5 yd³) general purpose Fusion™ bucket, bolt-on cutting edge, heavy counterweights, additional guarding, 80 kg {176 lb} operator and 20.5 R25 (L-3) XHA2 tires.

STANDARD EQUIPMENT

POWER TRAIN

- Axle Duo-Cone™ seat 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
 - Operator modes (Default, TC, Hystat,
 - 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

- 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
- 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

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

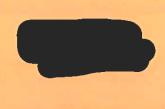
- · Ride control adjustable speed activation
- Preventative maintenance reminders

- 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

- 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.











One (1) New Caterpillar Model: 926M Wheel Loader with all standard equipment in addition to the additional specifications listed below:

STANDARD EQUIPMENT

POWERTRAIN -Axle seal guards -Auto Idle shut down feature -Cat C7.1 ACERT engine --Power modes (standard and performance) --Power by range (high power in range 4) --Tier 4 final/Stage IV compliant --Turbocharged and aftercooled --Filtered crankcase breather --Diesel particulate filter --Selective catalyst reduction -Coolant protection to -34C (-29F) -Differential lock in front axle -Dry type air cleaner -Enclosed wet disc full hydraulic brakes -Fuel priming pump, automatic -Fuel water separator -Hydraulically driven demand cooling fan -Hydrostatic transmission with electronic -control --Operator modes (default, TC, hystat and -ice) --Directional shift agressiveness (fast, -medium, Slow) --Rimpull control, adjust wheel torque --Creeper control, adjust ground speed -Lubed for life driveshafts -Parking brake, electric -Single plane cooling package wide 6 fins -per inch density -S-O-S port.engine.coolant.transmission -oil -

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) -in Fork Mode -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

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 -Remote jump start post -Resettable main and critical function -breakers -Roading lights front and rear -

OPERATOR ENVIRONMENT -75 mm (3 in) retractable seatbelt -Automatic temperature control -Cab, enclosed ROPS/FOPS pressurized -and sound suppressed -Cup holders -External heated mirrors with lower -parabolic -Ground level cab door release -Gauges --Digital hour meter, odometer and -tachometer --Digital ground speedometer and -direction indicator --Engine coolant temperature gauge --Fuel and diesel exhaust fluid level -indicator --Hydraulic oil temperature gauge -Hydraulic control lockout -Interior cab lighting, door and dome -Interior rearview mirrors (2) -Lunch box storage -Operator warning system indicators -Radio ready speakers -Rear window defrost, electric -Seat mounted electronic implement -controls, adjustable -Sliding glass on the side windows -Column mounted multi function control --lights, wipers, turn signal -Suspension seat, fabric -Tilt and telescope steering wheel -Tinted front glass -Wet arm wiper/washer, 2-speed and -intermittent, front -Wet arm wiper washer, rear -

OTHER STANDARD EQUIPMENT -Large-access enclosure doors with -adjustable close/open force -Parallel lift loader linkage -Recovery hitch with pin -Remote mounted lubrication points -Vandalism protection- -lockable compartments -

MACHINE SPECIFICATIONS		
926M WHEEL LOADER	541-2670	
Serial Number Prefix W5L		
LANE 3 ORDER	0P-9003	
STEERING, STANDARD	430-2996	, and the second
DIFFERENTIAL, OPEN REAR	333-6529	
ENVIRONMENT, STANDARD	536-5320	
WEATHER, COLD START 120V	525-5964	
ENGINE	527-0422	
HYDRAULICS, 3V, CPLR READY, HL	541-3083	
LINES, AUX 3RD, HIGH LIFT	527-8860	
JUMPER LINES, AUX 3RD, FUSION	445-4725	
LIGHTS, STD HALOGEN	488-1112	
CAB, DELUXE	549-0451	
SEAT, DELUXE	563-5967	
RADIO, READY	342-0130	
RADIO READY, BLUETOOTH,MIC,AUX	378-0951	
PRODUCT LINK, CELLULAR PL641	565-0908	
TIRES, 20.5R25 TI MXL * L3	376-0828	
FENDERS, STANDARD	366-8148	
COUNTERWEIGHT, STANDARD	348-2579	
TOOLBOX AUX, NONE	519-8081	
RIDE CONTROL	430-2859	
CONTROL GP, PAYLOAD	492-6471	
QUICK COUPLER, FUSION	536-5313	
CARRIAGE, PAL C3/4, 62", FUS	532-8222	
FORK TINE, 2.25" X 6" X 60"	371-2360	
BUCKET-GP, 3.0 YD3, FUS	360-3322	
CUTTING EDGE, BOLT ON(4 PIECE)	8E-4566	
WARNING, BEACON, LED STROBE	333-1425	

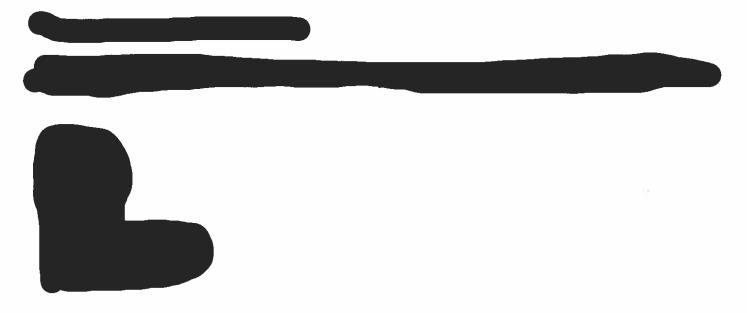
WARRANTY

Standard Warranty:

12 Month/unlimited hours Full Machine. All standard warranties include travel time & mileage for first twelve months. Scheduled Oil sampling is required during entire warranty period.

Extended Coverage:

926-60 MO/5000 HR POWERTRAIN + HYDRAULICS + TECH (Tier 4)



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