

926/930/938

SMALL WHEEL LOADERS WASTE HANDLER ARRANGEMENT



	926 Waste Handler Cat® C7.1 ACERT™*	930 Waste Handler Cat C7.1 ACERT*	938 Waste Handler Cat C7.1 ACERT*
Engine Model	Cat® C7.1 ACERT™*	Cat C7.1 ACERT*	Cat C7.1 ACERT*
Maximum Rated Gross Power:			
ISO 14396	125 kW (168 hp)	125 kW (168 hp)	140 kW (188 hp)
ISO 14396 (DIN)	170 mhp (PS)	170 mhp (PS)	191 mhp (PS)
Bucket Capacity	3.0-5.0 m³ (3.9-6.5 yd³)	3.0-5.0 m³ (3.9-6.5 yd³)	3.0-5.0 m³ (3.9-6.5 yd³)
Full Turn Tip Load	7442 kg (16,407 lb)** 7455 kg (16,435 lb)~	8681 kg (19,138 lb)** 8777 kg (19,350 lb)^	9955 kg (21,947 lb)** 10 052 kg (22,161 lb)^
Operating Weight	13 835 kg (30,501 lb)** 13 882 kg (30,605 lb)~	15 288 kg (33,704 lb)** 15 399 kg (33,949 lb)^	17 149 kg (37,807 lb)** 17 262 kg (38,056 lb)^

* Engine meets U.S. EPA Tier 4 Final/EU Stage V emission standards.

** Dimensions listed are for a machine configured with optional counterweights, waste guarding, 80 kg (176 lb) operator and Michelin 20.5 R25 XMINE D2 tires.

~ Dimensions listed are for a machine configured with heavy counterweights, waste guarding, 80 kg (176 lb) operator and new solid tires.

^ Dimensions listed are for a machine configured with standard counterweights, waste guarding, rear waste gate, 80 kg (176 lb) operator and new solid tires.



CAT[®] 926/930/938

MAKING YOUR CHOICE EASY

EFFICIENTLY POWERFUL

Experience the difference with an intelligent hydrostatic powertrain and fuel savings through a lower maximum engine speed working in combination with **auto engine speed** mode. This provides efficiency as standard with a boost in power when you need it. Optimize traction and minimize wheel slip with an **auto wheel torque** and **auto differential lock** system (938 only) tuned to provide peak performance while maximizing tire life and keeping operating costs low. Track your production and accurately hit your load targets with Cat[®] Payload. **Fully enabled, subscription-free standard Payload** is included on 926, 930 and 938 small wheel loaders.



ENJOY ALL DAY COMFORT

Have a seat in the Cat small wheel loader and enjoy enhanced all-around visibility and low-effort joystick controls that move with you on a fully adjustable seat suspension. A large spacious operator environment combined with Caterpillar hydraulic cylinder damping and smooth, predictable controls make this the most comfortable seat on your jobsite. An upgrade to **multiview camera** and rear object detection gives you an extra eye on the jobsite while the optional **force-feedback joystick steering** keeps you feeling confident on those long shifts. The **operator not present** function helps to isolate the machine if you leave the environment, while seat belt notifications give you a gentle reminder to buckle up.

WORK MADE EASY

Move more with the Caterpillar patented quick loading performance series buckets and optimized Z-bar linkage. The parallel lift and high tilt forces throughout the working range allow you to confidently handle loads with precise control. Multifunction 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. Upgrade to **autolube** and **tire pressure monitoring** to make service easy and get to work quicker. Light the way with auto roading lights that come on at night fall. **Extended service intervals at 1,000 hours** reduce fluid and filter use by up to 45% (compared to previous M Series models) while keeping operating costs low.

CUSTOMIZE YOUR EXPERIENCE

Meet your application requirements and individual preferences with Cat **Hystat™ operator modes** featuring four unique powertrain settings. Select classic torque converter mode for smooth rollout, conventional hystat mode for aggressive engine braking, an ice mode that maximizes your control on slippery underfoot and all-new **single pedal mode** for simplified use. Fine-tune machine performance with adjustments at your fingertips through **programmable joysticks**, soft touch buttons and a **jog dial** that works in combination with a standard **touch screen display**. Quickly recall attachment profiles that maintain key settings for versatility on the jobsite and optimal efficiency.



APPLICATION-SPECIFIC CONFIGURATION

MAXIMIZE PERFORMANCE AND PRODUCTIVITY
WHILE MINIMIZING OPERATING COSTS

GUARD YOUR INVESTMENT

- + Choose from a complete range of optional guarding to protect your machine from the harsh environment of a waste-handling application. The machine guarding is purpose-built to protect the machine's major components and systems to keep you on the job and maximize production rates.

BREATHE CLEAN

- + Maximize engine life and extend filter cleaning intervals with a turbine precleaner. Keep cool with a reversing fan to purge the single-plane, widely spaced core cooling package and brushless sealed alternator. Breathe clean with a powered cab air precleaner system for the operator environment that's designed to eliminate 90% of the particulate in the air and filter the remaining 10%.

MAXIMIZE TIRE LIFE

- + Fine-tune your wheel torque to match the underfoot conditions and maximize performance while extending tire life. Cat waste handlers feature an auto wheel torque and auto differential lock system (938 only) tuned to provide peak performance while maximizing tire life and keeping your operating costs low.



EFFICIENTLY POWERFUL

EXPERIENCE THE FUTURE OF FUEL EFFICIENCY AND POWER ON DEMAND

AUTOMATIC ENGINE SPEED CONTROL

- + Reduce fuel burn with **power on demand** logic that monitors operator inputs and automatic boosted engine speed to meet operator demands. When full speed and power is not needed to meet the operator's commands, the machine will automatically reduce engine speed to save fuel.
- + Automatic idle logic will put the machine into hibernate speed when not working, then jump to life when work is being requested.

AUTOMATIC POWER ON DEMAND

- + Technology made easy with automatic features designed to minimize fuel burn and maximize tire life come standard.



INTELLIGENT POWER MANAGEMENT

- + The Caterpillar-exclusive Intelligent Power Management system has been further enhanced to monitor operator input and power availability to keep the machine working at peak efficiency and provide the operator with greater customization to suit their application.



GET POWER TO THE GROUND

- + **Fully locking front differential axle** that can be engaged on the move at full torque.
- + **Automatic locking front differential** axle on 938 only.
- + **Limited slip differential** option on rear axle maximizes traction to keep you climbing.
- + **Independent service brakes** on front and rear axles provide robust stopping performance while a push button electronic park brake allows you to safely secure the machine with ease.

SIX CYLINDERS OF EFFICIENT POWER

The Cat C7.1 engine provides cleaner, quieter operation while delivering superior performance and durability through a high-torque, low-speed design with a clean emissions module that is designed to manage itself so you can concentrate on your work.

- + **No downtime for regeneration** with a passive low temperature system that keeps you on the job.
- + **Fit for Life Diesel Particulate Filter (DPF)** that is designed to exceed the engine overhaul life.
- + **Extended fluid fill intervals** with minimal use of Diesel Exhaust Fluid (DEF) also referred to as AdBlue™ with an average of four fuel tank fills per DEF fill.
- + **Configurable auto idle shutdown** based on time and ambient temperature to further reduce fuel burn.





SMOOTH AND PREDICTABLE MULTIFUNCTION

Load-sensing, variable flow system senses work demand and adjusts flow and pressure to match the operator's request.

- + Programmable in-cab kick-outs are easy to set on the go for tilt, lower and lift. This feature is ideal for applications where the work cycle is repeatable, allowing you to quickly return to programmed set points.
- + Fine-tune hydromechanical performance with fully adjustable 3rd and 4th function flow.
- + Multifunction without compromise through dedicated hydraulic systems featuring one pump for the Intelligent Hydrostatic drive, a second pump for the implements and a third pump for the steering system. Drive, lift and steer simultaneously with smooth, predictable control.

CAT PAYLOAD

Cat Payload allows operators to accurately track loading progress and productivity.

- + Fully enabled, subscription-free standard Payload is included on 926, 930 and 938 machines.
- + Print payload information in real time with optional in-cab printer.



ENJOY ALL DAY COMFORT

BEST SEAT ON YOUR JOBSITE



HAVE A SEAT AND EXPERIENCE:

- + **Joystick steering** option with force-feedback allowing precise control at full roading speeds.
- + **Seat-mounted controls** featuring a low effort joystick for lift and tilt functions, along with integrated Forward/Neutral/Reverse (FNR) switch and programmable buttons, optional third and fourth auxiliary functions along with jog dial for real-time adjustments.
- + **Operator Not Present** logic that will help isolate the machine if the operator leaves the seat.
- + **All around visibility** with single piece front windshield, enhanced side views, increased wiper coverage and parabolic external mirrors.
- + **Automatic climate control** with push button defrost or heated rear glass and external mirrors.
- + **Fully adjustable controls** denoted with yellow accents including steering column, joystick and seat suspension.
- + **Information at a glance** with standard 203 mm (8 in) full color touch-screen display.
- + **An extra eye on the jobsite** with standard rearview camera, optional multi-view camera system, optional* forward facing camera system and optional integrated rear object detection.
- + **A heated and cooled seat** option for added comfort in a wide range of climates.
- + **New seat fabric** and latest generation seat cushions provide all day comfort.
- + **Seatbelt beacon** option provides added safety as it lights up when seatbelt is connected to buckle.

*Forward facing camera system may be required for local EU requirements. Consult your local Cat Dealer for additional information.

ENJOY COMING TO WORK WITH:

- + **A spacious, safe, quiet operator environment** featuring ergonomic controls, seatbelt notification and optional Bluetooth® radio with integrated microphone, plus multiple USB charging ports and auxiliary (aux) audio connectors.
- + **Easy access to vital machine parameters** with touch-screen display that works in conjunction with the standard soft touch panel to allow real-time adjustments to machine features in over 25 languages.
- + **Comfortable soft stops at the end of cylinder strokes** called cylinder snubbing and preprogrammed kick-out points due to Caterpillar advanced electro hydraulics.
- + **An even smoother ride** with optional ride control when working unloaded and loaded with excellent material retention.
- + **Early starts and late finishes** are made easier with automatic lights that come on when it gets dark. Optional LED lighting package that includes engine and DEF compartment lighting to illuminate the way for checking oil and coolant level, along with refueling the machine in dark conditions.
- + **On board operator coaching** via machine help QR code on the touch-screen display.





WORK MADE EASY

GETTING THE JOB DONE

OPTIMIZED Z-BAR LINKAGE

The Caterpillar patented optimized Z-bar linkage combines the digging efficiency of a traditional Z-bar with integrated tool carrier capabilities for great performance and versatility.

PERFECT PARALLELISM

Perfect parallelism functionality available in fork mode gives truly predictable performance while high tilt forces throughout the working range help you safely and confidently handle loads with precise control.

HIGHER LIFT

Lift higher and reach further with an optional high lift linkage. The 938 offers even greater lift height when configured with optional 23.5" tires.

VISIBILITY

Visibility has been maximized with the introduction of Gen III lift arms which bring a cast torque tube resulting in class-leading front visibility when combined with the new cast couplers.*

ENHANCED COUPLER OPTIONS

ISO or Fusion™ cast couplers offer additional visibility when compared with previous plate style couplers.

*New lift arms only available on standard lift 930 and 938.



FLEXIBLE POWERTRAIN

A smooth, electronically controlled hydrostatic transmission provides adjustable power to the ground with excellent ground speed control and customizable feel.

Select your powertrain mode:

- + **Torque converter (TC)** for smooth rollout.
- + **Hystat** for aggressive hydraulic braking.
- + **Single pedal** that allows right foot operation for ground speed control with a locked throttle for quick steering and implement control.
- + **Ice** to maximize control on snow and ice, regardless of tire type.

Fine-tune ground speed when using hydromechanical work tools such as brooms with creep control adjusted with a jog dial.

- + Set directional shift response, soft and smooth for material handling applications or sharp for aggressive operation.

CUSTOMIZE YOUR EXPERIENCE

MAKE IT YOURS

ADJUSTABLE ELECTRO-HYDRAULIC CONTROLS

Easily customize hydraulic performance to meet your needs.

- + **Optimize hydraulic modulation** with fine mode control when working with forks, material handling arms and large tools.
- + **Quicker hydraulic response** for fine grading at speed and agriculture applications through lift-and-tilt response settings.
- + **Fully adjustable ride control** activation speed along with third and fourth function auxiliary flows.

Operator profiles and coded start:

- + Next generation small wheel loaders will remember you and your personal settings including programmable buttons with unique operator codes to make this machine truly yours and keep it secure.



SERVICE

MAXIMIZE YOUR UP TIME

Get up and running quickly with ground level, daily service access and optional engine compartment lighting. Three large service doors can be opened and closed in any order to give full access to filters and service points.



- + **1000-hour service interval** after initial break-in period. Ground-level service access to daily checks.
- + **Extended cleanouts** with single plane cooling system and wide spaced 6 fins per inch coolers.
- + **Maintenance reminders** through primary touch screen display at scheduled intervals.
- + **Full flow return filter** designed to keep hydraulic oil clean across multiple systems.
- + **Product Link™ PRO standard** with optional subscription to VisionLink™.
- + **Integrated autolube** (optional) with adjustable greasing frequency.

CUSTOMER SUPPORT

UNMATCHED SERVICE MAKES THE DIFFERENCE

RENOWNED CAT DEALER SUPPORT

- + **Rely on your Cat dealer** to help you every step of the way with new or used machine sales, rental or rebuild options to meet your business needs.
- + **Maximize your machine** uptime with unsurpassed worldwide parts availability, trained technicians and customer support agreements.
- + **Let us earn your business.** Experience the next generation small wheel loader.

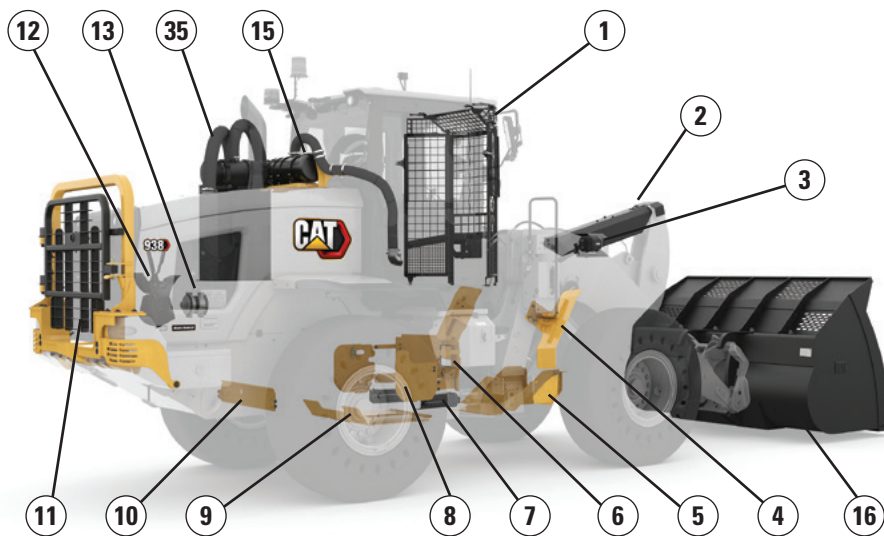


CONFIGURED FOR SUCCESS

READY TO WORK



A complete range of optional equipment and work tools give you the versatility to configure a Cat small wheel loader to be successful in your business. Get with your Cat dealer to configure yours.



Guards:

- 1) Windshield
- 2) Tilt cylinder
- 3) Lights
- 4) Fender deflectors
- 5) Drive shaft
- 6) Hitch
- 7) Steering cylinders
- 8) Side powertrain
- 9) Lower powertrain
- 10) Crank case
- 11) Rear radiator (930 and 938 only)

Debris Packages:

- 12) Reversing fan
- 13) Sealed alternator
- 14) Turbine pre-cleaner
- 15) RESPA pre-cleaner

Work Tools:

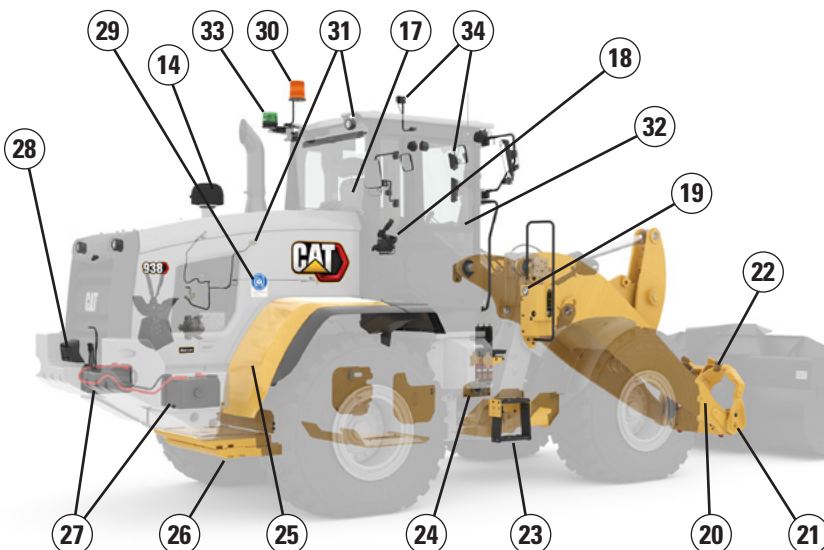
- 16) Full range of attachments

Operator Environment:

- 17) Seat, deluxe or premium
- 18) Joystick Steer

Other Options:

- 19) Autolube
- 20) High lift linkage
- 21) Coupler: Fusion and ISO 23727
- 22) Auxiliary hydraulics: 3rd and 4th
- 23) Window washing access
- 24) Ride control
- 25) Fenders: extended and full coverage
- 26) Counterweights
- 27) Cold start package
- 28) Rear object detection
- 29) Blue Angel certification
- 30) Beacon
- 31) LED auxiliary lights
- 32) TPM – Tire Pressure Monitoring
- 33) Seatbelt Beacon
- 34) Multi-view camera
- 35) Siloxane gas filter



926/930/938 Wheel Loader Specifications

Engine

Performance Mode	926				930				938			
	Cat C7.1 **				Cat C7.1 **				Cat C7.1 **			
	Power Range 1-4		Standard Range 1-3*		Power Range 1-4		Standard Range 1-3*		Power Range 1-4		Standard Range 1-3*	
	kW	hp	kW	hp	kW	hp	kW	hp	kW	hp	kW	hp
Rated Gross Power												
Engine Speed	1,800 rpm		1,600 rpm		1,800 rpm		1,600 rpm		1,800 rpm		1,600 rpm	
SAE J1995	127	170	121	163	127	170	121	163	143	191	132	176
SAE J1995 (DIN)	172 mhp (PS)		165 mhp (PS)		172 mhp (PS)		165 mhp (PS)		194 mhp (PS)		178 mhp (PS)	
Rated Engine Power												
ISO 14396	125	168	119	160	125	168	119	160	140	188	129	174
ISO 14396 (DIN)	170 mhp (PS)		162 mhp (PS)		170 mhp (PS)		162 mhp (PS)		191 mhp (PS)		176 mhp (PS)	
Rated Net Power												
SAE J1349 at Minimum Fan Speed	123	165	118	158	123	165	118	158	138	185	128	172
ISO 9249 at Minimum Fan Speed	123	165	118	158	123	165	118	158	138	185	128	172
ISO 9249 (DIN) at Minimum Fan Speed	167 mhp (PS)		160 mhp (PS)		167 mhp (PS)		160 mhp (PS)		188 mhp (PS)		174 mhp (PS)	
	N-m	lbf-ft	N-m	lbf-ft	N-m	lbf-ft	N-m	lbf-ft	N-m	lbf-ft	N-m	lbf-ft
Maximum Gross Torque												
Engine Speed	1,400 rpm				1,400 rpm				1,400 rpm			
SAE J1995	824	608	804	593	824	608	804	593	912	673	882	651
ISO 14396	815	601	795	586	815	601	795	586	900	664	870	642
Maximum Net Torque												
SAE J1349	804	593	785	579	804	593	785	579	889	656	859	634
ISO 9249	807	595	787	580	807	595	787	580	892	658	862	636
Displacement	427 in³		7.01 L		427 in³		7.01 L		427 in³		7.01 L	
Bore	4 in		105 mm		4 in		105 mm		4 in		105 mm	
Stroke	5 in		135 mm		5 in		135 mm		5 in		135 mm	

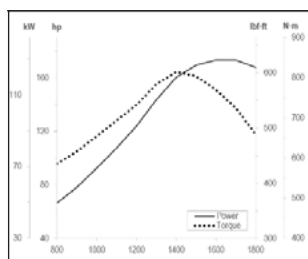
*Range 4 power and torque is equal to Power Mode with Caterpillar Power by Range technology.

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

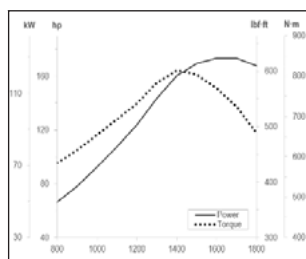
- Net power ratings are tested at the reference conditions for the specified standard and denote power available at the flywheel when the engine is equipped with alternator, air cleaner, emission components and fan at specified speed.
- No derating required up to 3000 m (10,000 ft) altitude. Auto derate protects hydraulic and transmission systems.

Engine Torque

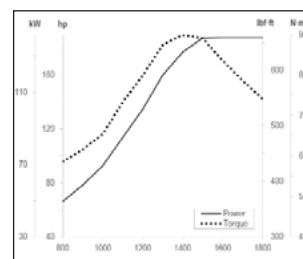
926



930



938



Cab



- ROPS: ISO 3471: 2008, FOPS: ISO 3229: 20065 LEVEL II
- Declared Sound Levels
 - Operator Sound Pressure Level (ISO 6396:2008): 68 dB(A)*
 - Exterior Sound Power Level (ISO 6395:2008): 101 dB(A)*
- 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 tons.

* Measurements were conducted with cab doors and windows closed and at 70% of maximum engine cooling fan speed. Sound level may vary at different engine cooling fan speeds.

926/930/938 Wheel Loader Specifications

Loader Hydraulic System



- Implement system uses a dedicated load-sensing variable displacement pump with dual double-acting lift cylinders and a single double-acting tilt cylinder.
- Flow values listed are for a machine running in Performance Power Mode (1,800 rpm).
- *3rd and 4th function flow is fully adjustable from 20% to 100% of maximum flow through the secondary display when equipped.

	926		930		938	
Maximum Flow – Implement Pump	150 L/min	40 gal/min	190 L/min	50 gal/min	190 L/min	50 gal/min
3rd Function Maximum Flow*	150 L/min	40 gal/min	190 L/min	50 gal/min	190 L/min	50 gal/min
4th Function Maximum Flow*	150 L/min	40 gal/min	160 L/min	42 gal/min	160 L/min	42 gal/min
Maximum Working Pressure – Implement Pump	260 bar	3,771 psi	260 bar	3,771 psi	280 bar	4,061 psi
Relief Pressure – Tilt Cylinder	280 bar	4,061 psi	280 bar	4,061 psi	300 bar	4,351 psi
3rd and 4th Function Maximum Working Pressure	260 bar	3,771 psi	260 bar	3,771 psi	280 bar	4,061 psi
3rd and 4th Function Relief Pressure	28 000 kPa	4,061 psi	28 000 kPa	4,061 psi	30 000 kPa	4,351 psi
Lift Cylinder – Standard Lift Linkage:						
Bore Diameter	110 mm	4.3 in	120 mm	4.7 in	120 mm	4.7 in
Rod Diameter	60 mm	2.4 in	65 mm	2.6 in	65 mm	2.6 in
Stroke	728 mm	28.7 in	728 mm	28.7 in	789 mm	31.1 in
Tilt Cylinder – Standard Lift Linkage:						
Bore Diameter	140 mm	5.5 in	150 mm	5.9 in	150 mm	5.9 in
Rod Diameter	75 mm	3.0 in	90 mm	3.5 in	90 mm	3.5 in
Stroke	516 mm	20.3 in	555 mm	21.9 in	555 mm	21.9 in
Cycle Times: Performance (HP+) at 1,800 rpm/ Standard Power Mode at 1,600 rpm						
Raise (Ground Level to Maximum Lift)	5.5/6.2 seconds		5.1/5.7 seconds		5.5/6.2 seconds	
Dump (at Maximum Lift Height)	1.5/1.7 seconds		1.5/1.7 seconds		1.5/1.7 seconds	
Float Down (Maximum Lift to Ground Level)	2.6/2.6 seconds		2.7/2.7 seconds		2.7/2.7 seconds	
Total Cycle Time	9.6/10.5 seconds		9.3/10.1 seconds		9.7/10.6 seconds	

Steering

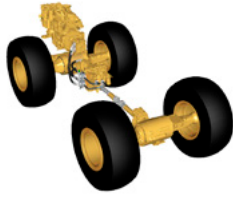


- Steering system uses a dedicated, load-sensing, variable displacement pump with dual double-acting cylinders.
- Flow values listed are for a machine running in Performance Power Mode (1,800 rpm).

	926		930		938	
Steering Cylinder						
Bore Diameter	70 mm	2.8 in	70 mm	2.8 in	80 mm	3.1 in
Rod Diameter	40 mm	1.6 in	40 mm	1.6 in	50 mm	2.0 in
Stroke	438 mm	17.2 in	438 mm	17.2 in	399 mm	15.7 in
Maximum Flow – Steering Pump	130 L/min	34 gal/min	130 L/min	34 gal/min	130 L/min	34 gal/min
Maximum Working Pressure – Steering Pump	241.3 bar	3,500 psi	241.3 bar	3,500 psi	241.3 bar	3,500 psi
Steering Cycle Times (Full Left to Full Right)						
Minimum RPM: Pump Flow Limited	2.8 seconds		2.8 seconds		3.1 seconds	
Maximum RPM: 90 rpm Steering Wheel Speed	2.4 seconds		2.4 seconds		2.3 seconds	

926/930/938 Wheel Loader Specifications

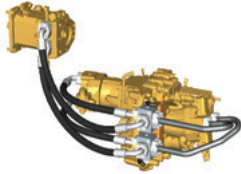
Powertrain



- Powertrain is governed by the Caterpillar-exclusive Intelligent Power Management system to deliver peak performance and efficiency.
- Differential front locking axle can be engaged on the go at full torque to 10 km/h (6.2 mph) on the 926/930 and up to 20 km/h (12.4 mph) on the 938.
- Offset rims available to meet European roading requirements.

	926	930	938
Front Axle	Fixed	Fixed	Fixed
Traction Aid (standard)	Locking Differential	Locking Differential	Locking Differential
Rear Axle	Oscillating	Oscillating	Oscillating
Oscillation Angle by Tire Size			
17.5 R25	±13.5 degrees	—	—
20.5 R25, 550/65, 600/65, 650/65	±10.5 degrees	±10.5 degrees	±10.5 degrees
23.5 R25	—	—	±7 degrees
Solid Tires, 750/65, 620/65, Skidder	±7 degrees	±7 degrees	±7 degrees
Traction Aid (optional)	Limited slip differential	Limited slip differential	Limited slip differential
Brakes			
Service	Inboard wet disc	Inboard wet disc	Inboard wet disc
Park	Spring applied hydraulically released	Spring applied hydraulically released	Spring applied hydraulically released

Transmission



- Creep control allows maximum speed range adjustability from 1 km/h (0.6 mph) to 13 km/h (8 mph) in Range 1 through the display. Factory default is 7 km/h (4.4 mph).

	926		930		938	
Forward and Reverse						
Range 1*	1-13 km/h	0.6-8 mph	1-13 km/h	0.6-8 mph	1-13 km/h	0.6-8 mph
Range 2	13 km/h	8 mph	13 km/h	8 mph	13 km/h	8 mph
Range 3	27 km/h	17 mph	27 km/h	17 mph	27 km/h	17 mph
Range 4	40 km/h	25 mph	40 km/h	25 mph	40 km/h	25 mph

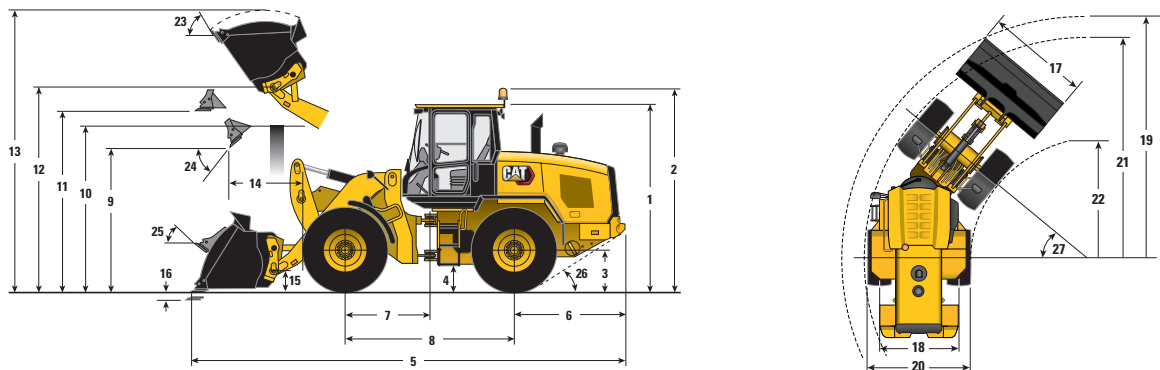
Service Refill Capacities

	926		930		938	
Fuel Tank	195 L	51.5 gal	195 L	51.5 gal	195 L	51.5 gal
Diesel Exhaust Fluid (DEF) Tank	19 L	5.0 gal	19 L	5.0 gal	19 L	5.0 gal
Cooling System	30 L	7.9 gal	30 L	7.9 gal	32 L	8.5 gal
Engine Crankcase	20 L	5.3 gal	20 L	5.3 gal	20 L	5.3 gal
Transmission (Gear Box)	8.5 L	2.2 gal	8.5 L	2.2 gal	11 L	2.9 gal
Front Axle	26 L	6.9 gal	26 L	6.9 gal	35 L	9.2 gal
Rear Axle	25 L	6.6 gal	25 L	6.6 gal	35 L	9.2 gal
Hydraulic System (Including Tank)	160 L	42.3 gal	165 L	43.6 gal	170 L	44.9 gal
Hydraulic Tank	90 L	23.8 gal	90 L	23.8 gal	90 L	23.8 gal

926/930/938 Waste Handler Specifications

Dimensions with Bucket – Standard Lift

All dimensions are approximate. Dimensions will vary with bucket and tire choice. Refer to Operating Specifications with Buckets.



*Vary with bucket.

**Vary with tire.

Standard Lift

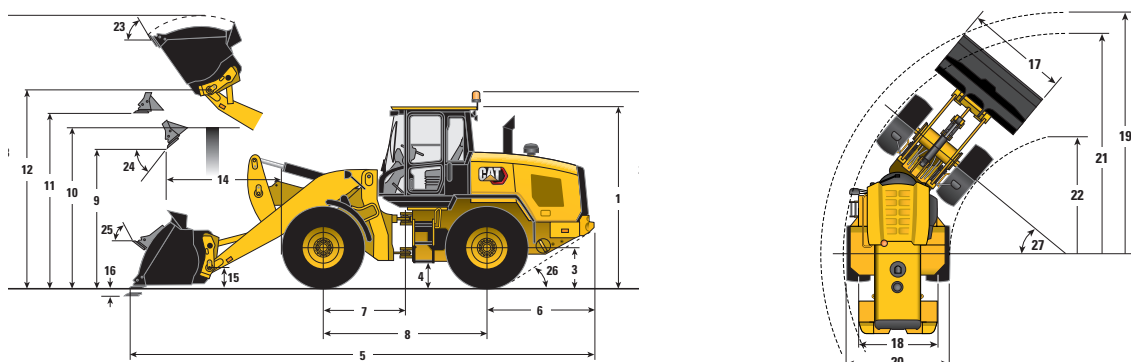
	926		930		938	
	mm	ft/in	mm	ft/in	mm	ft/in
** 1 Height: ground to cab	3375	11'1"	3375	11'1"	3375	11'1"
** 2 Height: ground to beacon	3742	12'3"	3742	12'3"	3742	12'3"
** 3 Height: ground to axle center	720	2'4"	720	2'4"	720	2'4"
** 4 Height: ground clearance	432	1'5"	432	1'5"	421	1'5"
* 5 Length: overall	7582	24'11"	7754	25'5"	7987	26'2"
6 Length: rear axle to bumper	1958	6'5"	1993	6'6"	1968	6'5"
7 Length: hitch to front axle	1500	4'11"	1500	4'11"	1525	5'0"
8 Length: wheel base	3000	9'10"	3000	9'10"	3050	10'0"
* 9 Clearance: bucket at 45°	2702	8'10"	2635	8'8"	2569	8'5"
** 10 Clearance: load over height	3386	11'1"	3366	11'1"	3389	11'1"
** 11 Clearance: level bucket	3611	11'10"	3615	11'10"	3676	12'1"
** 12 Height: bucket pin	3938	12'11"	3942	12'11"	4004	13'2"
** 13 Height: overall	5235	17'2"	5344	17'6"	5574	18'3"
* 14 Reach: bucket at 45°	976	3'2"	1146	3'9"	1309	4'4"
15 Carry height: bucket pin	384	1'3"	393	1'3"	396	1'4"
** 16 Dig depth	65	0'2.6"	65	0'2.6"	66	0'2.6"
17 Width: bucket	2750	9'0"	2750	9'0"	2750	9'0"
18 Width: tread center	1930	6'4"	1930	6'4"	2083	6'10"
19 Turning radius: over bucket	6058	19'10"	6096	20'0"	6229	20'5"
20 Width: over tires	2540	8'4"	2540	8'4"	2693	8'10"
21 Turning radius: outside of tires	5402	17'9"	5402	17'9"	5546	18'2"
22 Turning radius: inside of tires	2851	9'4"	2851	9'4"	2843	9'4"
23 Rack angle at full lift	53°		54°		54°	
24 Dump angle at full lift	45°		45°		46°	
25 Rack angle at carry	40°		42°		43°	
26 Departure angle	33°		33°		33°	
27 Articulation angle	40°		40°		40°	
	kg	lb	kg	lb	kg	lb
Operating weight	13717	30,241	15222	33,560	17237	38,000

* Dimensions listed are for a machine configured with Fusion Light Material buckets, bolt-on cutting edges, heavy counterweight, waste guarding, 80 kg (176 lb) operator and Michelin 20.5 R25 (L-5) XMINE D2 tires.

926/930/938 Waste Handler Specifications

Dimensions with Bucket – High Lift

All dimensions are approximate. Dimensions will vary with bucket and tire choice. Refer to Operating Specifications with Buckets.



*Vary with bucket.

**Vary with tire.

High Lift

	926		930		938	
	mm	ft/in	mm	ft/in	mm	ft/in
** 1 Height: ground to cab	3375	11'1"	3375	11'1"	3375	11'1"
** 2 Height: ground to beacon	3742	12'3"	3742	12'3"	3742	12'3"
** 3 Height: ground to axle center	720	2'4"	720	2'4"	720	2'4"
** 4 Height: ground clearance	432	1'5"	432	1'5"	421	1'5"
* 5 Length: overall	8266	27'1"	8556	28'1"	8735	28'8"
6 Length: rear axle to bumper	1958	6'5"	1993	6'6"	1968	6'5"
7 Length: hitch to front axle	1500	4'11"	1500	4'11"	1525	5'0"
8 Length: wheel base	3000	9'10"	3000	9'10"	3050	10'0"
* 9 Clearance: bucket at 45°	3212	10'6"	3242	10'8"	3168	10'5"
** 10 Clearance: load over height	3585	11'9"	3575	11'9"	3596	11'10"
** 11 Clearance: level bucket	4108	13'6"	4208	13'10"	4257	14'0"
** 12 Height: bucket pin	4435	14'7"	4535	14'11"	4585	15'1"
** 13 Height: overall	5732	18'10"	5937	19'6"	6155	20'2"
* 14 Reach: bucket at 45°	1329	4'4"	1487	4'11"	1603	5'3"
15 Carry height: bucket pin	587	1'11"	629	2'1"	617	2'0"
** 16 Dig depth	100	0'3.9"	100	0'3.9"	100	0'3.9"
17 Width: bucket	2750	9'0"	2750	9'0"	2750	9'0"
18 Width: tread center	1930	6'4"	1930	6'4"	2083	6'10"
19 Turning radius: over bucket	6385	20'11"	6492	21'4"	6606	21'8"
20 Width: over tires	2540	8'4"	2540	8'4"	2693	8'10"
21 Turning radius: outside of tires	5402	17'9"	5402	17'9"	5546	18'2"
22 Turning radius: inside of tires	2851	9'4"	2851	9'4"	2843	9'4"
23 Rack angle at full lift	51°		53°		53°	
24 Dump angle at full lift	44°		44°		44°	
25 Rack angle at carry	47°		49°		48°	
26 Departure angle	33°		33°		33°	
27 Articulation angle	40°		40°		40°	
	kg	lb	kg	lb	kg	lb
Operating weight	14078	31,037	15454	34,069	17546	38,682

* Dimensions listed are for a machine configured with Fusion Light Material buckets, bolt-on cutting edges, heavy counterweight, waste guarding, 80 kg (176 lb) operator and Michelin 20.5 R25 (L-5) XMINE D2 tires.

926/930/938 Waste Handler Specifications

Supplemental Operating Data – Tires on Standard Lift Linkage Machine

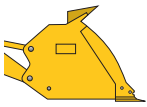
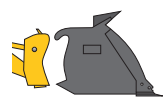
Base tire: 20.5 R25 L5	L3		Solid Tires			
	20.5 R25 XHA2		New		Worn	
	mm	in	mm	in	mm	in
Vertical heights	-35	-1.4	+4	+0.2	-170	-6.7
Reach: bucket at 45°	+22	+0.8	+16	+0.6	+205	+8.1
	kg	lb	kg	lb	kg	lb
Tipping load – straight	-410	-904	+565	+1245	-670	-1477
Tipping load – full turn	-362	-798	+521	+1149	-569	-1255
Operating weight	-614	-1353	+1458	+3214	-390	-859

Supplemental Operating Data – Tires on High Lift Linkage Machine

Base tire: 20.5 R25 L5	L3		Solid Tires			
	20.5 R25 XHA2		New		Worn	
	mm	in	mm	in	mm	in
Vertical heights	-35	-1.4	+4	+0.2	-170	-6.7
Reach: bucket at 45°	+22	+0.8	+16	+0.6	+205	+8.1
	kg	lb	kg	lb	kg	lb
Tipping load – straight	-318	-701	+438	+965	-520	-1146
Tipping load – full turn	-281	-619	+404	+891	-442	-973
Operating weight	-614	-1353	+1458	+3214	-390	-859

926/930/938 Waste Handler Specifications

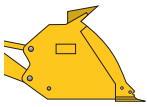
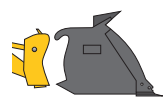
926 Operating Specifications with Light Material Buckets

							
926 Waste Handler Standard Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	3.5	4.2	3.5	4.2	3.5	4.2
	yd ³	4.6	5.5	4.6	5.5	4.6	5.5
Width: bucket	mm	2750	2750	2750	2750	2750	2750
	ft/in	9'0"	9'0"	9'0"	9'0"	9'0"	9'0"
Nominal material density	kg/m ³	930	750	886	713	850	681
	120% fill factor lb/yd ³	1,568	1,264	1,493	1,202	1,432	1,148
9 Clearance: full lift, 45° dump	mm	2660	2540	2630	2510	2564	2393
	ft/in	8'9"	8'4"	8'8"	8'3"	8'5"	7'10"
14 Reach: full lift, 45° dump	mm	1019	1139	1048	1169	1080	1200
	ft/in	3'4"	3'9"	3'5"	3'10"	3'7"	3'11"
5 Length: overall	mm	7642	7812	7684	7854	7773	7943
	ft/in	25'1"	25'8"	25'3"	25'9"	25'6"	26'1"
13 Height: overall	mm	5315	5476	5340	5502	5410	5576
	ft/in	17'5"	18'0"	17'6"	18'1"	17'9"	18'4"
Tipping load – straight ISO 14397-1*	kg	9061	8784	8670	8400	8317	8025
	lb	19,976	19,365	19,113	18,518	18,337	17,692
Tipping load – full Turn ISO 14397-1*	kg	7814	7557	7442	7191	7138	6864
	lb	17,228	16,660	16,406	15,853	15,737	15,133
Breakout force	kg	8923	7818	8607	7561	8112	6831
	lb	19,673	17,237	18,975	16,670	17,883	15,061
Operating weight	kg	13487	13617	13835	13965	13759	13922
	lb	29,734	30,020	30,501	30,787	30,334	30,693
926 Waste Handler High Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	3.5	4.2	3.5	4.2	3.5	4.2
	yd ³	4.6	5.5	4.6	5.5	4.6	5.5
Width: bucket	mm	2750	2750	2750	2750	2750	2750
	ft/in	9'0"	9'0"	9'0"	9'0"	9'0"	9'0"
Nominal material density	kg/m ³	678	545	637	511	618	492
	120% fill factor lb/yd ³	1,143	918	1,074	861	1,041	829
9 Clearance: full lift, 45° dump	mm	3172	3053	3142	3023	3077	2909
	ft/in	10'5"	10'0"	10'4"	9'11"	10'1"	9'7"
14 Reach: full lift, 45° dump	mm	1373	1496	1403	1525	1436	1558
	ft/in	4'6"	4'11"	4'7"	5'0"	4'9"	5'1"
5 Length: overall	mm	8326	8496	8368	8538	8452	8622
	ft/in	27'4"	27'10"	27'5"	28'0"	27'9"	28'3"
13 Height: overall	mm	5812	5973	5837	5999	5907	6074
	ft/in	19'1"	19'7"	19'2"	19'8"	19'5"	19'11"
Tipping load – straight ISO 14397-1*	kg	6674	6451	6317	6099	6122	5875
	lb	14,713	14,221	13,926	13,445	13,496	12,953
Tipping load – full Turn ISO 14397-1*	kg	5698	5489	5354	5150	5190	4957
	lb	12,563	12,100	11,804	11,353	11,442	10,927
Breakout force	kg	7457	6513	7183	6290	6755	5664
	lb	16,440	14,358	15,836	13,866	14,893	12,487
Operating weight	kg	13848	13978	14196	14326	14120	14283
	lb	30,530	30,816	31,297	31,583	31,129	31,489

* Full compliance to ISO 14397-1 (2007) Section 1 thru 6, which requires 2% verification between calculation and testing.

926/930/938 Waste Handler Specifications

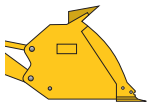
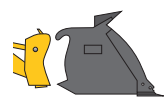
Operating Specifications with Light Material Buckets

							
930 Waste Handler Standard Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	3.8	5.0	3.8	5.0	3.5	5.0
	yd ³	5.0	6.5	5.0	6.5	4.6	6.5
Width: bucket	mm	2750	2750	2750	2750	2750	2750
	ft/in	9'0"	9'0"	9'0"	9'0"	9'0"	9'0"
Nominal material density	kg/m ³	994	741	952	710	1009	680
	120% fill factor lb/yd ³	1,675	1,250	1,604	1,196	1,700	1,146
9 Clearance: full lift, 45° dump	mm	2608	2545	2578	2515	2570	2399
	ft/in	8'7"	8'4"	8'5"	8'3"	8'5"	7'10"
14 Reach: full lift, 45° dump	mm	1174	1237	1203	1266	1178	1349
	ft/in	3'10"	4'1"	3'11"	4'2"	3'10"	4'5"
5 Length: overall	mm	7794	7882	7836	7924	7844	8085
	ft/in	25'7"	25'10"	25'8"	26'0"	25'9"	26'6"
13 Height: overall	mm	5391	5760	5418	5787	5414	5869
	ft/in	17'8"	18'11"	17'9"	19'0"	17'9"	19'3"
Tipping load – straight ISO 14397-1*	kg	10579	10405	10174	10003	9921	9588
	lb	23,323	22,938	22,431	22,054	21,873	21,137
Tipping load – full Turn ISO 14397-1*	kg	9064	8898	8681	8518	8474	8159
	lb	19,983	19,616	19,139	18,779	18,681	17,988
Breakout force	kg	10545	9332	10180	9034	9746	8192
	lb	23,247	20,573	22,444	19,917	21,486	18,060
Operating weight	kg	14940	15084	15288	15430	15146	15369
	lb	32,938	33,255	33,705	34,017	33,392	33,884
930 Waste Handler High Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	3.8	5.0	3.8	5.0	3.5	5.0
	yd ³	5.0	6.5	5.0	6.5	4.6	6.5
Width: bucket	mm	2750	2750	2750	2750	2750	2750
	ft/in	9'0"	9'0"	9'0"	9'0"	9'0"	9'0"
Nominal material density	kg/m ³	714	530	676	502	725	485
	120% fill factor lb/yd ³	1,204	894	1,139	845	1,223	818
9 Clearance: full lift, 45° dump	mm	3215	3154	3186	3124	3177	3009
	ft/in	10'7"	10'4"	10'5"	10'3"	10'5"	9'10"
14 Reach: full lift, 45° dump	mm	1517	1580	1546	1610	1520	1695
	ft/in	5'0"	5'2"	5'1"	5'3"	5'0"	5'7"
5 Length: overall	mm	8595	8684	8637	8726	8639	8881
	ft/in	28'2"	28'6"	28'4"	28'8"	28'4"	29'2"
13 Height: overall	mm	5984	6352	6010	6380	6007	6461
	ft/in	19'8"	20'10"	19'9"	20'11"	19'8"	21'2"
Tipping load – straight ISO 14397-1*	kg	7681	7526	7319	7168	7221	6940
	lb	16,934	16,593	16,137	15,802	15,921	15,300
Tipping load – full Turn ISO 14397-1*	kg	6512	6363	6165	6018	6094	5825
	lb	14,357	14,027	13,591	13,268	13,435	12,841
Breakout force	kg	10278	9092	9921	8801	9496	7977
	lb	22,658	20,045	21,872	19,402	20,934	17,586
Operating weight	kg	15171	15315	15519	15661	15378	15600
	lb	33,447	33,764	34,214	34,526	33,902	34,393

* Full compliance to ISO 14397-1 (2007) Section 1 thru 6, which requires 2% verification between calculation and testing.

926/930/938 Waste Handler Specifications

Operating Specifications with Light Material Buckets

							
938 Waste Handler Standard Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	4.2	5.0	4.2	5.0	4.2	5.0
	yd ³	5.5	6.5	5.5	6.5	5.5	6.5
Width: bucket	mm	2750	2750	2750	2750	2750	2750
	ft/in	9'0"	9'0"	9'0"	9'0"	9'0"	9'0"
Nominal material density 120% fill factor	kg/m ³	1032	867	988	827	953	799
	lb/yd ³	1,740	1,461	1,665	1,394	1,606	1,346
9 Clearance: full lift, 45° dump	mm	2606	2606	2569	2569	2459	2459
	ft/in	8'7"	8'7"	8'5"	8'5"	8'1"	8'1"
14 Reach: full lift, 45° dump	mm	1273	1273	1309	1309	1333	1384
	ft/in	4'2"	4'2"	4'4"	4'4"	4'4"	4'6"
5 Length: overall	mm	7935	7935	7987	7987	8066	8138
	ft/in	26'0"	26'0"	26'2"	26'2"	26'6"	26'8"
13 Height: overall	mm	5542	5821	5574	5855	5642	5930
	ft/in	18'2"	19'1"	18'3"	19'3"	18'6"	19'5"
Tipping load – straight ISO 14397-1*	kg	12159	12160	11679	11649	11268	11253
	lb	26,806	26,807	25,748	25,683	24,841	24,809
Tipping load – full Turn ISO 14397-1*	kg	10405	10402	9955	9922	9604	9585
	lb	22,940	22,933	21,947	21,874	21,172	21,132
Breakout force	kg	10305	10266	9912	9857	9063	9018
	lb	22,718	22,633	21,852	21,732	19,981	19,882
Operating weight	kg	16856	16903	17237	17314	17149	17209
	lb	37,161	37,264	38,000	38,171	37,807	37,939
938 Waste Handler High Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	4.2	5.0	4.2	5.0	4.2	5.0
	yd ³	5.5	6.5	5.5	6.5	5.5	6.5
Width: bucket	mm	2750	2750	2750	2750	2750	2750
	ft/in	9'0"	9'0"	9'0"	9'0"	9'0"	9'0"
Nominal material density 120% fill factor	kg/m ³	761	637	721	602	702	587
	lb/yd ³	1,282	1,074	1,215	1,014	1,184	990
9 Clearance: full lift, 45° dump	mm	3205	3205	3168	3168	3061	3061
	ft/in	10'6"	10'6"	10'5"	10'5"	10'1"	10'1"
14 Reach: full lift, 45° dump	mm	1566	1566	1603	1603	1629	1681
	ft/in	5'2"	5'2"	5'3"	5'3"	5'4"	5'6"
5 Length: overall	mm	8683	8683	8735	8735	8809	8881
	ft/in	28'6"	28'6"	28'8"	28'8"	28'11"	29'2"
13 Height: overall	mm	6122	6402	6155	6436	6223	6511
	ft/in	20'1"	21'0"	20'2"	21'1"	20'5"	21'4"
Tipping load – straight ISO 14397-1*	kg	9045	9029	8625	8579	8398	8368
	lb	19,940	19,905	19,015	18,914	18,515	18,448
Tipping load – full Turn ISO 14397-1*	kg	7667	7649	7267	7220	7078	7045
	lb	16,903	16,863	16,020	15,917	15,604	15,532
Breakout force	kg	9894	9855	9514	9459	8697	8652
	lb	21,812	21,727	20,974	20,854	19,174	19,075
Operating weight	kg	17165	17212	17546	17623	17458	17518
	lb	37,843	37,946	38,682	38,853	38,489	38,621

* Full compliance to ISO 14397-1 (2007) Section 1 thru 6, which requires 2% verification between calculation and testing.

926/930/938 Waste Handler Specifications

Bucket Selection for Light Material Buckets – Standard Lift

Material Type																Tip Load Full Turn*	
		MSW with Light C&D Organic Food Scraps Glass – Bottles and Jars	Concrete with Re-bar	C&D – Mixed	C&D – Bricks, Loose Glass – Semi Crushed	C&D – Concrete Pieces #1 Heavy Melt	Plate and Structural	Regular Metal Shred	Loose Metal Scrap	Shredded Steel	Batteries Coal/Incinerator ash	Oil Field Sludge					
Fill Factor %		120%	115%	110%	110%	110%	115%	115%	100%	100%	110%	110%	105%	110%	105%	110%	
926	Pin On	m³	Counter-weight	kg/m³ lb/yd³	380 (641)	500 (843)	620 (1,045)	740 (1,247)	860 (1,450)	980 (1,652)	1100 (1,854)	1220 (2,056)	1340 (2,259)	1460 (2,461)	1580 (2,663)	kg	(lb)
		yd³															
		3.0 (3.9)	Aggregate	115% 110% 105% 100%												8406	(18,531)
		4.2 (5.5)	Standard	115% 110% 105% 100%												7963	(17,555)
		5.0 (6.5)	Aggregate	115% 110% 105% 100%												7990	(17,616)
	Fusion	3.1 (4.1)	Standard	115% 110% 105% 100%												7557	(16,660)
		4.2 (5.5)	Aggregate	115% 110% 105% 100%												7953	(17,534)
		5.0 (6.5)	Standard	115% 110% 105% 100%												7519	(16,576)
		3.1 (4.1)	Aggregate	115% 110% 105% 100%												8053	(17,753)
		4.2 (5.5)	Standard	115% 110% 105% 100%												7616	(16,789)
		5.0 (6.5)	Aggregate	115% 110% 105% 100%												7619	(16,797)
		4.2 (5.5)	Standard	115% 105% 100%												7191	(15,853)
		5.0 (6.5)	Aggregate	115% 110% 105% 100%												7582	(16,715)
		5.0 (6.5)	Standard	115% 105% 100%												7153	(15,770)

930	Pin On	m³	Counter-weight	kg/m³ lb/yd³	380 (641)	500 (843)	620 (1,045)	740 (1,247)	860 (1,450)	980 (1,652)	1100 (1,854)	1220 (2,056)	1340 (2,259)	1460 (2,461)	1580 (2,663)	kg	(lb)
		yd³															
		3.0 (3.9)	Aggregate	115% 110% 105% 100%												9787	(21,577)
		4.2 (5.5)	Heavy	115% 110% 105% 100%												9369	(20,656)
		5.0 (6.5)	Standard	115% 110% 105% 100%												8850	(19,511)
	Fusion	3.1 (4.1)	Aggregate	115% 110% 105% 100%												9345	(20,601)
		4.2 (5.5)	Heavy	115% 110% 105% 100%												8936	(19,701)
		5.0 (6.5)	Standard	115% 110% 105% 100%												8428	(18,580)
		3.1 (4.1)	Aggregate	115% 110% 105% 100%												9307	(20,518)
		4.2 (5.5)	Heavy	115% 110% 105% 100%												8898	(19,616)
		5.0 (6.5)	Standard	115% 110% 105% 100%												8388	(18,493)
		3.1 (4.1)	Aggregate	115% 110% 105% 100%												9420	(20,768)
		4.2 (5.5)	Heavy	115% 110% 105% 100%												9008	(19,859)
		5.0 (6.5)	Aggregate	115% 110% 105% 100%												8960	(19,753)
5.0 (6.5)	Heavy	115% 110% 105% 100%												8556	(18,863)		
5.0 (6.5)	Standard	115% 105% 100%												8922	(19,670)		
5.0 (6.5)	Heavy	115% 105% 100%												8518	(18,779)		

938	Pin On	m³	Counter-weight	kg/m³ lb/yd³	380 (641)	500 (843)	620 (1,045)	740 (1,247)	860 (1,450)	980 (1,652)	1100 (1,854)	1220 (2,056)	1340 (2,259)	1460 (2,461)	1580 (2,663)	kg	(lb)
		yd³															
		3.5 (4.6)	Aggregate	115% 110% 105% 100%												11 123	(24,521)
		4.2 (5.5)	Heavy	115% 110% 105% 100%												10 711	(23,613)
		5.0 (6.5)	Standard	115% 110% 105% 100%												10 199	(22,485)
	Fusion	3.5 (4.6)	Aggregate	115% 110% 105% 100%												10 811	(23,834)
		4.2 (5.5)	Heavy	115% 110% 105% 100%												10 405	(22,940)
		5.0 (6.5)	Standard	115% 110% 105% 100%												9901	(21,828)
		3.5 (4.6)	Aggregate	115% 110% 105% 100%												10 809	(23,829)
		4.2 (5.5)	Heavy	115% 110% 105% 100%												10 402	(22,933)
		5.0 (6.5)	Standard	115% 105% 100%												9897	(21,818)
		3.5 (4.6)	Aggregate	115% 110% 105% 100%												10 644	(23,465)
		4.2 (5.5)	Heavy	115% 110% 105% 100%												10 238	(22,572)
		5.0 (6.5)	Aggregate	115% 110% 105% 100%												10 355	(22,828)
5.0 (6.5)	Heavy	115% 110% 105% 100%												9955	(21,947)		
5.0 (6.5)	Aggregate	115% 110% 105% 100%												10 322	(22,757)		
5.0 (6.5)	Heavy	115% 110% 105% 100%												9922	(21,874)		

Material density, fill factor and counterweight options are key variables when choosing the appropriate size of the bucket. The long floor and open throat design of the performance series buckets along with the aggressive rack angles of the optimized linkage will demonstrate fill factors greater than 100% ISO rated. Refer to the expected fill factor % per material type at the top of the table and find a matching counterweight and fill factor along the side for proper bucket sizing.

*Full compliance to ISO 14397-1:2007 Section 1 thru 6, which requires 2% verification between calculation and testing.

926/930/938 Waste Handler Specifications

Light Material Bucket Selection – High Lift

Material Type																Tip Load Full Turn*			
Fill Factor %		115%	120%	115%	110%	110%	110%	110%	110%	115%	115%	100%		100%	110%				
926	Pin On	m³	yd³	Counter-weight	kg/m³ lb/yd³	350 (590)	425 (716)	500 (843)	575 (969)	650 (1,096)	725 (1,222)	800 (1,348)	875 (1,475)	950 (1,601)	1025 (1,728)	1100 (1,854)	kg (lb)		
		3.0 (3.9)	Aggregate	Not Available															
		4.2 (5.5)	Aggregate	Not Available															
		5.0 (6.5)	Aggregate	Not Available															
		3.1 (4.1)	Aggregate	Not Available															
		4.2 (5.5)	Aggregate	Not Available															
	Fusion	3.0 (3.9)	Standard	115% 110% 105% 100%														5825 (12,841)	
		4.2 (5.5)	Standard	115% 110% 105% 100%														5489 (12,100)	
		5.0 (6.5)	Standard	115% 110% 105% 100%														5434 (11,979)	
		3.1 (4.1)	Standard	115% 110% 105% 100%														5508 (12,143)	
		4.2 (5.5)	Standard	115% 110% 105% 100%														5150 (11,353)	
		5.0 (6.5)	Standard	115% 110% 105% 100%														5096 (11,234)	

930	Pin On	m³	yd³	Counter-weight	kg/m³ (lb/yd³)	350 (590)	425 (716)	500 (843)	575 (969)	650 (1,096)	725 (1,222)	800 (1,348)	875 (1,475)	950 (1,601)	1025 (1,728)	1100 (1,854)	kg (lb)		
		3.0 (3.9)	Aggregate	Not Available															
		4.2 (5.5)	Heavy	115% 110% 105% 100%														6749 (14,879)	
		5.0 (6.5)	Heavy	115% 110% 105% 100%														6412 (14,136)	
		3.1 (4.1)	Heavy	115% 110% 105% 100%														6018 (13,267)	
		4.2 (5.5)	Heavy	115% 110% 105% 100%														6363 (14,027)	
	Fusion	3.0 (3.9)	Standard	115% 110% 105% 100%														5967 (13,156)	
		4.2 (5.5)	Standard	115% 110% 105% 100%														6426 (14,167)	
		5.0 (6.5)	Standard	115% 110% 105% 100%														6067 (13,375)	
		3.1 (4.1)	Standard	115% 110% 105% 100%														6018 (13,268)	
		4.2 (5.5)	Standard	115% 110% 105% 100%															
		5.0 (6.5)	Standard	115% 110% 105% 100%															

938	Pin On	m³	yd³	Counter-weight	kg/m³ (lb/yd³)	350 (590)	425 (716)	500 (843)	575 (969)	650 (1,096)	725 (1,222)	800 (1,348)	875 (1,475)	950 (1,601)	1025 (1,728)	1100 (1,854)	kg (lb)		
		3.5 (4.6)	Aggregate	Not Available															
		4.2 (5.5)	Heavy	115% 110% 105% 100%														7906 (17,429)	
		5.0 (6.5)	Heavy	115% 110% 105% 100%														7503 (16,542)	
		3.1 (4.1)	Heavy	115% 110% 105% 100%														7667 (16,903)	
		4.2 (5.5)	Heavy	115% 110% 105% 100%														7289 (16,025)	
	Fusion	3.0 (3.9)	Standard	115% 110% 105% 100%														7649 (16,863)	
		4.2 (5.5)	Standard	115% 110% 105% 100%														7250 (15,985)	
		5.0 (6.5)	Standard	115% 110% 105% 100%															
		3.1 (4.1)	Standard	115% 110% 105% 100%														7487 (16,507)	
		4.2 (5.5)	Standard	115% 110% 105% 100%														7267 (16,020)	
		5.0 (6.5)	Standard	115% 110% 105% 100%														7220 (15,907)	

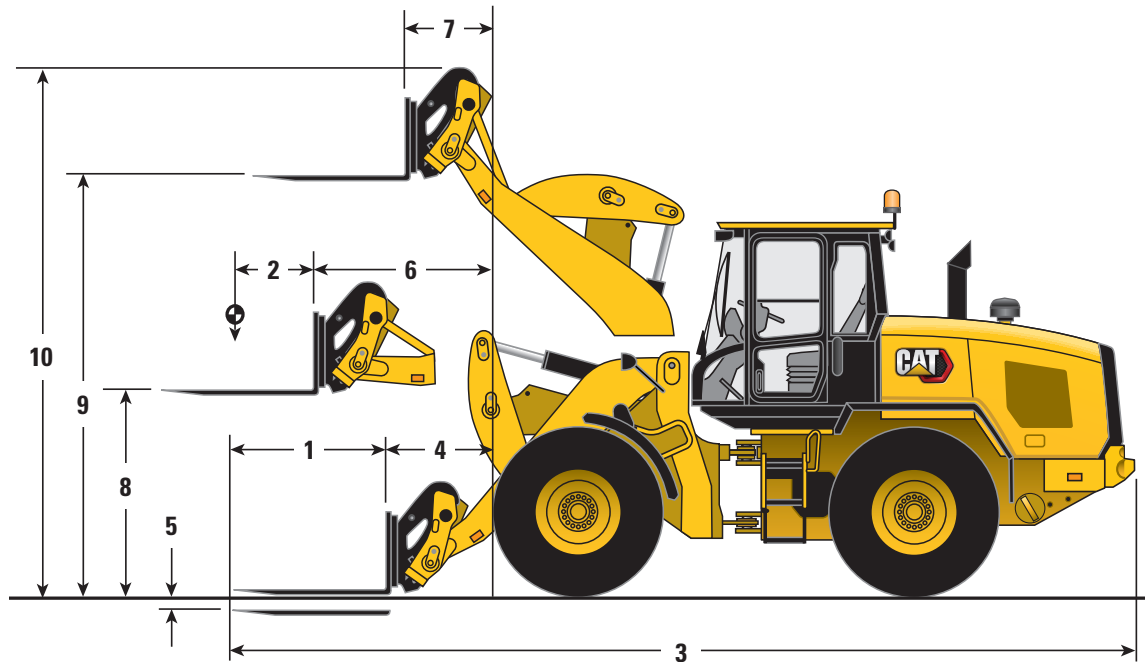
Material density, fill factor and counterweight options are key variables when choosing the appropriate size of the bucket. The long floor and open throat design of the performance series buckets along with the aggressive rack angles of the optimized linkage will demonstrate fill factors greater than 100% ISO rated. Refer to the expected fill factor % per material type at the top of the table and find a matching counterweight and fill factor along the side for proper bucket sizing.

*Full compliance to ISO 14397-1:2007 Section 1 thru 6, which requires 2% verification between calculation and testing.

926/930/938 Waste Handler Specifications

Operating Specifications with Fusion Construction Forks

All dimensions are approximate. Dimensions will vary with bucket and tire choice. Refer to Operating Specifications with Buckets.



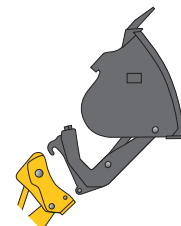
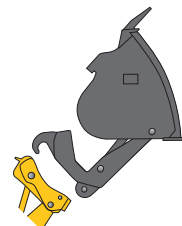
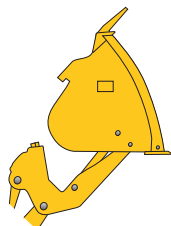
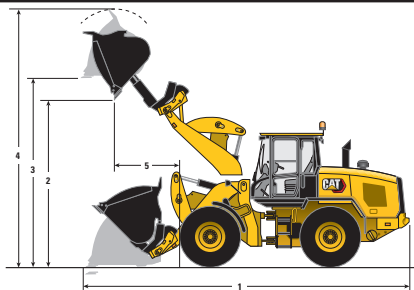
	Standard Lift						High Lift					
	926		930		938		926 HL		930 HL		938 HL	
	mm	(ft/in)	mm	(ft/in)	mm	(ft/in)	mm	(ft/in)	mm	(ft/in)	mm	(ft/in)
1 Fork tine length	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"
2 Load center	762	2'6"	762	2'6"	762	2'6"	762	2'6"	762	2'6"	762	2'6"
3 Length: overall	8212	26'11"	8282	27'2"	8344	27'4"	8891	29'2"	9078	29'9"	9086	29'10"
4 Reach: ground	965	3'2"	1000	3'3"	1037	3'5"	1644	5'5"	1796	5'11"	1779	5'10"
5 Dig depth	91	3.6"	91	3.6"	90	3.5"	126	5.0"	126	5.0"	124	4.9"
6 Reach: level arm	1559	5'1"	1606	5'3"	1655	5'5"	2129	7'0"	2259	7'5"	2262	7'5"
7 Reach: full lift	708	2'4"	804	2'8"	852	2'10"	1041	3'5"	1125	3'8"	1118	3'8"
8 Clearance: level arm	1728	5'8"	1759	5'9"	1795	5'11"	1759	5'9"	1759	5'9"	1795	5'11"
9 Clearance: full lift	3655	12'0"	3660	12'0"	3723	12'3"	4153	13'7"	4252	13'11"	4304	14'1"
10 Height: overall	4966	16'4"	4970	16'4"	5034	16'6"	5463	17'11"	5563	18'3"	5615	18'5"
	kg	(lb)	kg	(lb)	kg	(lb)	kg	(lb)	kg	(lb)	kg	(lb)
Tipping load - straight, ISO 14397-1*	6334	13,964	7582	16,715	8782	19,362	5016	11,058	5891	12,987	6973	15,374
Tipping load - full turn, ISO 14397-1*	5460	12,037	6501	14,331	7524	16,588	4281	9,439	5000	11,024	5921	13,053
Operating weight	13484	29,727	14871	32,786	16756	36,940	13845	30,522	15102	33,295	17065	37,622
Rated load (% of full turn tip):												
50% of tip: SAE J1197**	2730	6,019	3250	7,166	3762	8,294	2141	4,719	2500	5,512	2960	6,527
60% of tip: rough terrain EN474-3**	3276	7,222	3900	8,599	4514	9,953	2569	5,663	3000	6,614	3552	7,832
80% of tip: firm and level EN474-3**	4368	9,630	5200	11,465	6019	13,270	3425	7,551	4000	8,819	4737	10,442

*Full compliance to ISO 14397-1 (2007) Sections 1 through 6, which requires 2% verification between calculation and testing.

**Compliance to EN474-3 and SAE J1197

Note: Dimensions listed are for a machine configured with optional counterweights, waste guarding, 80 kg (176 lb) operator and Michelin 20.5 R25 XMINE D2 tires.

Operating Specifications with High Dump Buckets



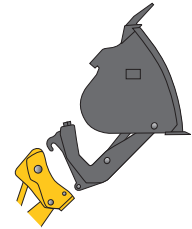
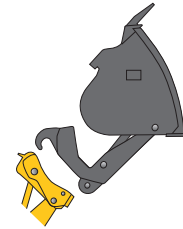
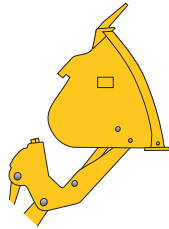
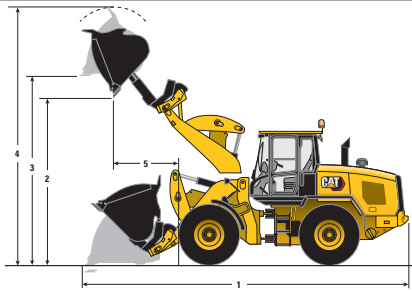
926 Waste Handler Standard Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	3.0	4.1	3.0	4.1	3.0	4.1
	yd ³	3.9	5.4	3.9	5.4	3.9	5.4
Width: bucket	m ³	2522	3032	2522	3032	2522	3032
	yd ³	8'3"	9'11"	8'3"	9'11"	8'3"	9'11"
Nominal material density 120% fill factor	mm	909	609	872	582	827	551
	ft/in	1,531	1,026	1,470	981	1,394	928
1 Length: overall	mm	7925	8007	7996	8078	8183	8265
	ft/in	26'0"	26'3"	26'3"	26'6"	26'10"	27'1"
2 Dump clearance: full lift rolled out	mm	4265	4214	4353	4304	4540	4492
	ft/in	14'0"	13'10"	14'3"	14'1"	14'11"	14'9"
3 Clearance: level bucket	mm	4582	4562	4650	4630	4827	4807
	ft/in	15'0"	15'0"	15'3"	15'2"	15'10"	15'9"
4 Height: overall	mm	6253	6298	6321	6366	6498	6543
	ft/in	20'6"	20'8"	20'9"	20'11"	21'4"	21'6"
5 Reach: full lift rolled out	mm	1553	1598	1586	1633	1685	1733
	ft/in	5'1"	5'3"	5'2"	5'4"	5'6"	5'8"
Tipping load – straight ISO 14397-1*	kg	7612	7099	7344	6832	6981	6482
	lb	16,782	15,650	16,191	15,061	15,391	14,289
Tipping load – full turn ISO 14397-1*	kg	6489	5988	6228	5727	5909	5419
	lb	14,307	13,202	13,730	12,625	13,026	11,948
Breakout force	kg	7173	6639	6984	6448	6073	5576
	lb	15,813	14,636	15,398	14,216	13,388	12,292
Operating weight	kg	14040	14458	14372	14795	14361	14779
	lb	30,952	31,875	31,685	32,618	31,660	32,581
926 Waste Handler High Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	3.0	4.1	3.0	4.1	3.0	4.1
	yd ³	3.9	5.4	3.9	5.4	3.9	5.4
Width: bucket	m ³	2522	3032	2522	3032	2522	3032
	yd ³	8'3"	9'11"	8'3"	9'11"	8'3"	9'11"
Nominal material density 120% fill factor	mm	656	428	618	400	589	380
	ft/in	1,105	721	1,042	675	993	641
1 Length: overall	mm	8613	8691	8680	8758	8869	8946
	ft/in	28'3"	28'6"	28'6"	28'9"	29'1"	29'4"
2 Dump clearance: full lift rolled out	mm	4713	4660	4799	4749	4983	4933
	ft/in	15'6"	15'3"	15'9"	15'7"	16'4"	16'2"
3 Clearance: level bucket	mm	5047	5027	5114	5094	5288	5268
	ft/in	16'7"	16'6"	16'9"	16'9"	17'4"	17'3"
4 Height: overall	mm	6718	6763	6785	6830	6959	7004
	ft/in	22'0"	22'2"	22'3"	22'5"	22'10"	23'0"
5 Reach: full lift rolled out	mm	1897	1940	1933	1979	2039	2085
	ft/in	6'3"	6'4"	6'4"	6'6"	6'8"	6'10"
Tipping load – straight ISO 14397-1*	kg	5578	5094	5303	4818	5067	4592
	lb	12,297	11,231	11,691	10,623	11,170	10,123
Tipping load – full turn ISO 14397-1*	kg	4684	4210	4414	3939	4207	3741
	lb	10,326	9,281	9,732	8,684	9,276	8,248
Breakout force	kg	5910	5414	5767	5270	4989	4524
	lb	13,030	11,935	12,713	11,618	10,998	9,974
Operating weight	kg	14400	14819	14733	15156	14722	15139
	lb	31,748	32,671	32,480	33,413	32,455	33,377

*Full compliance to ISO 14397-1 (2007) Section 1 through 6, which requires 2% verification between calculation and testing.

Note: Dimensions listed are for a machine configured with optional counterweights, waste guarding, 80 kg (176 lb) operator and Michelin 20.5 R25 XMINE D2 tires.

926/930/938 Waste Handler Specifications

Operating Specifications with High Dump Buckets

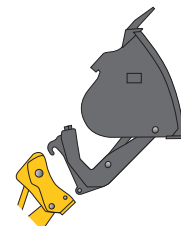
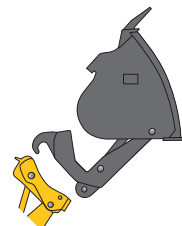
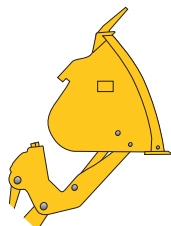
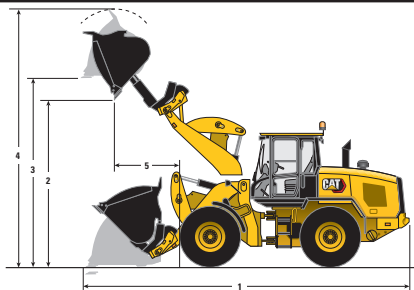


930 Waste Handler Standard Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	3.5	5.0	3.5	5.0	3.5	5.0
	yd ³	4.6	6.5	4.6	6.5	4.6	6.5
Width: bucket	m ³	2723	3032	2723	3032	2723	3032
	yd ³	8'11"	9'11"	8'11"	9'11"	8'11"	9'11"
Nominal material density 120% fill factor	mm	917	594	886	576	842	544
	ft/in	1,546	1,001	1,493	971	1,420	917
1 Length: overall	mm	7995	8187	8067	8258	8254	8445
	ft/in	26'3"	26'10"	26'6"	27'1"	27'1"	27'8"
2 Dump clearance: full lift rolled out	mm	4284	4319	4373	4412	4561	4602
	ft/in	14'1"	14'2"	14'4"	14'6"	15'0"	15'1"
3 Clearance: level bucket	mm	4596	4661	4664	4732	4842	4911
	ft/in	15'1"	15'4"	15'4"	15'6"	15'11"	16'1"
4 Height: overall	mm	6312	6541	6379	6611	6557	6791
	ft/in	20'8"	21'6"	20'11"	21'8"	21'6"	22'3"
5 Reach: full lift rolled out	mm	1645	1759	1678	1790	1774	1886
	ft/in	5'5"	5'9"	5'6"	5'10"	5'10"	6'2"
Tipping load – straight ISO 14397-1*	kg	9084	8483	8815	8265	8398	7834
	lb	20,027	18,701	19,433	18,221	18,513	17,271
Tipping load – full turn ISO 14397-1*	kg	7703	7124	7441	6910	7077	6530
	lb	16,983	15,706	16,404	15,234	15,601	14,396
Breakout force	kg	8610	7456	8392	7271	7332	6361
	lb	18,981	16,438	18,501	16,031	16,164	14,024
Operating weight	kg	15518	15946	15849	16278	15838	16267
	lb	34,211	35,156	34,942	35,887	34,917	35,862
930 Waste Handler High Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	3.5	5.0	3.5	5.0	3.5	5.0
	yd ³	4.6	6.5	4.6	6.5	4.6	6.5
Width: bucket	m ³	2723	3032	2723	3032	2723	3032
	yd ³	8'11"	9'11"	8'11"	9'11"	8'11"	9'11"
Nominal material density 120% fill factor	mm	654	414	622	395	596	375
	ft/in	1,102	698	1,048	665	1,004	632
1 Length: overall	mm	8802	8988	8868	9055	9057	9243
	ft/in	28'11"	29'6"	29'1"	29'8"	29'9"	30'4"
2 Dump clearance: full lift rolled out	mm	4847	4880	4935	4972	5121	5160
	ft/in	15'11"	16'0"	16'2"	16'4"	16'10"	16'11"
3 Clearance: level bucket	mm	5170	5233	5237	5304	5413	5481
	ft/in	17'0"	17'2"	17'2"	17'5"	17'9"	18'0"
4 Height: overall	mm	6885	7113	6953	7183	7129	7361
	ft/in	22'7"	23'4"	22'10"	23'7"	23'5"	24'2"
5 Reach: full lift rolled out	mm	1972	2087	2007	2120	2108	2220
	ft/in	6'6"	6'10"	6'7"	6'11"	6'11"	7'3"
Tipping load – straight ISO 14397-1*	kg	6577	6040	6303	5804	6051	5536
	lb	14,501	13,316	13,896	12,795	13,341	12,204
Tipping load – full turn ISO 14397-1*	kg	5492	4970	5224	4737	5005	4501
	lb	12,109	10,958	11,516	10,444	11,033	9,924
Breakout force	kg	8381	7244	8169	7067	7135	6181
	lb	18,478	15,970	18,009	15,580	15,731	13,626
Operating weight	kg	15749	16178	16080	16509	16069	16498
	lb	34,720	35,665	35,451	36,397	35,426	36,372

*Full compliance to ISO 14397-1 (2007) Section 1 through 6, which requires 2% verification between calculation and testing.

Note: Dimensions listed are for a machine configured with optional counterweights, waste guarding, 80 kg (176 lb) operator and Michelin 20.5 R25 XMINE D2 tires.

Operating Specifications with High Dump Buckets



938 Waste Handler Standard Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	4.1	5.0	4.1	5.0	4.1	5.0
	yd ³	5.4	6.5	5.4	6.5	5.4	6.5
Width: bucket	m ³	3032	3032	3032	3032	3032	3032
	yd ³	9'11"	9'11"	9'11"	9'11"	9'11"	9'11"
Nominal material density 120% fill factor	mm	879	708	845	685	811	655
	ft/in	1,481	1,193	1,425	1,154	1,368	1,104
1 Length: overall	mm	8130	8240	8212	8321	8388	8498
	ft/in	26'8"	27'0"	26'11"	27'4"	27'6"	27'11"
2 Dump clearance: full lift rolled out	mm	4307	4394	4406	4495	4588	4678
	ft/in	14'2"	14'5"	14'5"	14'9"	15'1"	15'4"
3 Clearance: level bucket	mm	4645	4731	4721	4809	4892	4982
	ft/in	15'3"	15'6"	15'6"	15'9"	16'1"	16'4"
4 Height: overall	mm	6381	6610	6456	6689	6627	6861
	ft/in	20'11"	21'8"	21'2"	21'11"	21'9"	22'6"
5 Reach: full lift rolled out	mm	1726	1793	1766	1829	1855	1917
	ft/in	5'8"	5'11"	5'10"	6'0"	6'1"	6'3"
Tipping load – straight ISO 14397-1*	kg	10243	10083	9901	9797	9515	9384
	lb	22,581	22,230	21,829	21,600	20,977	20,688
Tipping load – full turn ISO 14397-1*	kg	8646	8494	8316	8217	7984	7857
	lb	19,061	18,727	18,334	18,116	17,602	17,323
Breakout force	kg	8940	8261	8632	7994	7606	7070
	lb	19,709	18,212	19,029	17,625	16,769	15,587
Operating weight	kg	17684	17785	18067	18163	18005	18106
	lb	38,986	39,209	39,831	40,042	39,695	39,918
938 Waste Handler High Lift		Pin On		Fusion		ISO 23727	
Rated capacity	m ³	4.1	5.0	4.1	5.0	4.1	5.0
	yd ³	5.4	6.5	5.4	6.5	5.4	6.5
Width: bucket	m ³	3032	3032	3032	3032	3032	3032
	yd ³	9'11"	9'11"	9'11"	9'11"	9'11"	9'11"
Nominal material density 120% fill factor	mm	638	512	605	488	585	470
	ft/in	1,076	864	1,020	823	987	793
1 Length: overall	mm	8878	8988	8955	9064	9133	9243
	ft/in	29'2"	29'6"	29'5"	29'9"	30'0"	30'4"
2 Dump clearance: full lift rolled out	mm	4846	4930	4943	5030	5122	5211
	ft/in	15'11"	16'2"	16'3"	16'6"	16'10"	17'1"
3 Clearance: level bucket	mm	5200	5284	5275	5362	5443	5531
	ft/in	17'1"	17'4"	17'4"	17'7"	17'10"	18'2"
4 Height: overall	mm	6935	7163	7010	7241	7179	7411
	ft/in	22'9"	23'6"	23'0"	23'9"	23'7"	24'4"
5 Reach: full lift rolled out	mm	2001	2071	2044	2110	2139	2203
	ft/in	6'7"	6'10"	6'8"	6'11"	7'0"	7'3"
Tipping load – straight ISO 14397-1*	kg	7557	7418	7221	7124	6992	6871
	lb	16,661	16,354	15,920	15,706	15,416	15,148
Tipping load – full turn ISO 14397-1*	kg	6282	6149	5955	5861	5761	5643
	lb	13,849	13,555	13,128	12,922	12,701	12,440
Breakout force	kg	8542	7887	8263	7648	7282	6764
	lb	18,832	17,389	18,217	16,861	16,054	14,911
Operating weight	kg	17993	18094	18376	18472	18315	18416
	lb	39,668	39,890	40,513	40,724	40,377	40,599

*Full compliance to ISO 14397-1 (2007) Section 1 through 6, which requires 2% verification between calculation and testing.

Note: Dimensions listed are for a machine configured with optional counterweights, waste guarding, 80 kg (176 lb) operator and Michelin 20.5 R25 XMIINE D2 tires.

926/930/938 Waste Handler Specifications

Bucket Selection for High Dump Buckets – Standard Lift

Material Type																								Tip Load Full Turn*	
Fill Factor %																									

Material density, fill factor and counterweight options are key variables when choosing the appropriate size of the bucket. The long floor and open throat design of the performance series buckets along with the aggressive rack angles of the optimized linkage will demonstrate fill factors greater than 100% ISO rated. Refer to the expected fill factor % per material type at the top of the table and find a matching counterweight and fill factor along the side for proper bucket sizing.

*Full compliance to ISO 14397-1:2007 Section 1 thru 6, which requires 2% verification between calculation and testing.

926/930/938 Waste Handler Specifications

Bucket Selection for High Dump Buckets – High Lift

		Material Type														Tip Load Full Turn*			
		Fill Factor %		120% 115%		110%		110%		110%		110%		115%				115%	
926	Pin On	m³	yd³	Counter-weight	kg/m³ lb/yd³	360 (607)	420 (708)	480 (809)	540 (910)	600 (1,011)	660 (1,112)	720 (1,214)	780 (1,315)	840 (1,416)	900 (1,517)	960 (1,618)	kg	(lb)	
		3.0 (3.9)	Aggregate	Not Available														4684	(10,326)
			Standard	115% 110% 105% 100%															
		4.1 (5.4)	Aggregate	Not Available														4210	(9,281)
			Standard	115% 110% 105% 100%															
		5.0 (6.5)	Aggregate	Not Available														4078	(8,991)
	Standard		115% 110% 105% 100%																
	Fusion	3.0 (3.9)	Aggregate	Not Available														4414	(9,732)
			Standard	115% 110% 105% 100%															
		4.1 (5.4)	Aggregate	Not Available														3939	(8,684)
			Standard	115% 110% 105% 100%															
		5.0 (6.5)	Aggregate	Not Available														3846	(8,479)
			Standard	110% 105% 100%															
		m³	yd³	Counter-weight	kg/m³ (lb/yd³)	360 (607)	420 (708)	480 (809)	540 (910)	600 (1,011)	660 (1,112)	720 (1,214)	780 (1,315)	840 (1,416)	900 (1,517)	960 (1,618)	kg	(lb)	
930	Pin On	3.0 (3.9)	Aggregate	Not Available														5570	(12,280)
			Heavy	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															
		4.1 (5.4)	Aggregate	Not Available														5099	(11,242)
			Heavy	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															
	Fusion	5.0 (6.5)	Aggregate	Not Available														4970	(10,958)
			Heavy	115% 110% 105% 100%															
			Standard	115% 105% 100%															
		3.0 (3.9)	Aggregate	Not Available														5299	(11,683)
			Heavy	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															
4.1 (5.4)	Aggregate	Not Available														4828	(10,643)		
	Heavy	115% 110% 105% 100%																	
	Standard	115% 110% 105% 100%																	
		m³	yd³	Counter-weight	kg/m³ (lb/yd³)	360 (607)	420 (708)	480 (809)	540 (910)	600 (1,011)	660 (1,112)	720 (1,214)	780 (1,315)	840 (1,416)	900 (1,517)	960 (1,618)	kg	(lb)	
938	Pin On	4.1 (5.4)	Aggregate	Not Available														6282	(13,849)
			Heavy	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															
		5.0 (6.5)	Aggregate	Not Available														6149	(13,555)
			Heavy	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															
	Fusion	3.0 (3.9)	Aggregate	Not Available														6432	(14,179)
			Heavy	115% 110% 105%															
			Standard	115% 110% 105% 100%															
		4.1 (5.4)	Aggregate	Not Available														5955	(13,128)
			Heavy	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															
5.0 (6.5)	Aggregate	Not Available														5861	(12,922)		
	Heavy	115% 110% 105% 100%																	
	Standard	115% 110% 105% 100%																	

Material density, fill factor and counterweight options are key variables when choosing the appropriate size of the bucket. The long floor and open throat design of the performance series buckets along with the aggressive rack angles of the optimized linkage will demonstrate fill factors greater than 100% ISO rated. Refer to the expected fill factor % per material type at the top of the table and find a matching counterweight and fill factor along the side for proper bucket sizing.

*Full compliance to ISO 14397-1:2007 Section 1 thru 6, which requires 2% verification between calculation and testing.

926/930/938 Waste Handler Specifications

Optional Equipment

	926				930				938			
	Operating weight		Tipping load – full turn		Operating weight		Tipping load – full turn		Operating weight		Tipping load – full turn	
Change with options removed:	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb
Heavy counterweight	NA	NA	NA	NA	-324	-715	-495	-1090	-324	-715	-487	-1073
Guard, powertrain lower	-67	-148	-61	-134	-67	-148	-58	-128	-67	-148	-58	-127
Guard, driveshaft	-43	-96	-12	-25	-43	-96	-11	-24	-45	-99	-11	-25
Ride control	-31	-69	-10	-22	-31	-69	-10	-21	-31	-69	-10	-21
Secondary steering	-33	-72	-27	-60	-32	-71	-25	-56	-33	-73	-26	-57
Windshield access steps	-25	-54	-11	-25	-25	-54	-11	-24	-25	-54	-11	-24
3rd function implement valve	-18	-40	-4	-9	-18	-40	-4	-9	-18	-40	-4	-9
Guard, crankcase	-10	-23	-14	-30	-10	-23	-13	-29	-10	-23	-13	-28
Roading fenders	-16	-35	-22	-48	-16	-35	-21	-46	-15	-33	-20	-44
Guard, front window	-51	-113	-28	-62	-51	-113	-27	-59	-51	-113	-27	-59
Guard, hitch	-21	-47	-14	-31	-21	-47	-14	-30	-21	-47	-13	-30
Guard, steering cylinder	-15	-33	-11	-23	-15	-33	-10	-22	-18	-40	-12	-27
Change with options added:												
Heavy counterweight	+299	+660	+425	+938	NA	NA	NA	NA	NA	NA	NA	NA
Aggregate counterweight	NA	NA	NA	NA	+299	+659	+397	+876	+299	+659	+391	+863
Guard, rear radiator	NA	NA	NA	NA	+258	+568	+442	+974	+279	+615	+470	+1036
Joystick steering (requires secondary)	+78	+172	+71	+157	+79	+175	+69	+153	+78	+172	+68	+149
Cold start package	+63	+139	+86	+189	+64	+140	+83	+182	+66	+145	+84	+185
Autolube system	+47	+105	+13	+29	+47	+105	+13	+28	+47	+105	+13	+29
4th function implement valve	+17	+37	+2	+5	+17	+37	+2	+5	+17	+37	+2	+5
Toolbox	+18	+40	+17	+38	+18	+40	+17	+37	+18	+40	+16	+36

STANDARD & OPTIONAL EQUIPMENT

Standard and optional equipment may vary. Consult your Cat dealer for details.

POWERTRAIN	926	930	938
1,000 hour service intervals (after initial 500)	●	●	●
Air cleaner, dry type	●	●	●
Auto engine RPM	●	●	●
Auto idle shut down feature	●	●	●
Auto rimpull control, adjust wheel torque	●	●	●
Axle seal guards	●	●	●
Axle, rear, limited slip	○	○	○
Brake, parking, electric	●	●	●
Breathers, elevated, axle and powertrain	○	○	○
Cat C7.1 engine	●	●	●
Coolant protection to -34C (-29F)	●	●	●
Cooling package, single plane, wide 6 fins per inch	●	●	●
Crankcase, filtered, breather	●	●	●
Creep control, adjust ground speed	●	●	●
Demand cooling fan, hydraulically driven	●	●	●
Diesel particulate filter (DPF)	●	●	●
Differential lock, auto, in front axle	○	○	●
Differential lock, manual, in front axle	●	●	●
Directional shift aggressiveness (fast, medium, slow)	●	●	●
Driveshafts, lubed for life	●	●	●
Enclosed wet disc full hydraulic brakes	●	●	●
Engine pre-cleaner, Sy-Klone	○	○	○
Fuel priming pump, automatic	●	●	●
Fuel water separator	●	●	●
Operator modes (TC, Hystat, Single Pedal, Ice)	●	●	●
Power modes (standard and performance)	●	●	●
Selective catalyst reduction	●	●	●
Scheduled Oil Sampling (S-O-S SM) port, engine, coolant, transmission oil	●	●	●
Transmission, hydrostatic with electronic control	●	●	●
Turbocharged and aftercooled	●	●	●
750/65R26 Tire Groups	○	○	○
620/75R26 Tire Groups	○	○	○
28L Skidder Tire	○	○	○
23.5R25 Tire Groups	○	○	○
20.5R25 L5 Tire Groups	○	○	○
20.5R25 L3 Tire Groups	○	○	○
20.5R25 Snow Tire Groups	○	○	○
20.5R25 Solid Tire Groups	○	○	○
20.5-25 L3 Bias Tire Groups	○	○	○
17.5R25 Tire Groups	○	○	○

● – standard ○ – optional ○ – not available

OPERATOR ENVIRONMENT	926	930	938
Air pre-cleaner, cab powered	○	○	○
Automatic temperature control	●	●	●
Beacon, seatbelt, green	○	○	○
Beacon, warning, amber	○	○	○
Cab door release, ground level	●	●	●
Cab, enclosed ROPS/FOPS pressurized, sound suppressed	●	●	●
Camera, rearview	●	●	●
– Camera, front view or multi-view	○	○	○
– Rear Object Detection	○	○	○
Cell phone holder	○	○	○
Column mounted multifunction control lights, wipers, turn signal	●	●	●
Cup holders	●	●	●
Decals, high visibility, steps, handrails	○	○	○
Display, 8-inch touch screen, with digital gauges	●	●	●
Glass, front, tinted	●	●	●
Glass, rear window, defrost, electric	●	●	●
Glass, sliding on side window	●	●	●
Hydraulic control lockout	●	●	●
Implement controls, seat mounted, adjustable	●	●	●
– Implement controls, joystick	○	○	○
– Implement controls, single axis lever	○	○	○
Jog dial with screen control	●	●	●
Joystick, programmable	●	●	●
Lighting, cab interior, door	●	●	●
Lunch box storage	●	●	●
Mirrors, external with lower parabolic (2)	●	●	●
– Mirrors, heated, electrically adjust (2)	○	○	○
– Mirrors, internal (2)	○	○	○
Mounting provision	●	●	●
Operator Not Present warning and control logic	●	●	●
Push to start	●	●	●
Reverse strobes, warning, white	○	○	○
Seat, suspension, fabric	●	●	●
– Seat, premium or deluxe	○	○	○
Seatbelt, 75 mm (3 in) retractable	●	●	●
Security, Bluetooth key fob	○	○	○
Speakers, radio ready	●	●	●
– Radio packages	○	○	○
Steering, wheel, tilt	●	●	●
– Steering, column, tilt and telescoping	○	○	○
– Steering, joystick, force-feedback	○	○	○
Tire Pressure Monitoring (TPM)	○	○	○
Wiper washer, wet arm, rear and intermittent front	●	●	●
Visor, rear	○	○	○

● – standard ○ – optional ○ – not available

926/930/938 Wheel Loader Specifications

STANDARD & OPTIONAL EQUIPMENT *(continued)*

Standard and optional equipment may vary. Consult your Cat dealer for details.

HYDRAULICS	926	930	938
Attachment modes, adjustable in-cab	●	●	●
Automatic lift and bucket kickouts, adjustable in-cab	●	●	●
Auxiliary flow (3rd and 4th)	○	○	○
Cat Payload	●	●	●
– Cat Payload printer	○	○	○
Cylinder damping at kickout and mechanical end stops	●	●	●
Fine mode control (fast, medium, slow)	●	●	●
Hydraulic diagnostic connectors and S-O-S ports	●	●	●
Hydraulic response setting (fast, medium, slow)	●	●	●
Load check valves	○	○	○
Load sensing hydraulics and steering	●	●	●
Oil, biodegradable	○	○	○
Reversing fan	○	○	○
Ride control	○	○	○
Seat mounted hydraulic joystick controls	●	●	●
Site gauge, visible	●	●	●
LINKAGE	926	930	938
Autolube	○	○	○
Counterweight, Aggregate	○	○	○
Counterweight, Heavy	○	○	○
Couplers: Fusion and ISO	○	○	○
High Lift	○	○	○
Lubrication points, remote mounted	●	●	●
Parallel lift loader linkage	●	●	●
OTHER	926	930	938
Enclosure doors, large-access (3)	●	●	●
Lockable compartments	●	●	●
Recovery hitch with pin	●	●	●
Toolbox	○	○	○
Windshield washing steps	○	○	○

● – standard ○ – optional ○ – not available

GUARDS	926	930	938
Cab	○	○	○
Crankcase	○	○	○
Cylinders, steering and tilt	○	○	○
Driveshaft	○	○	○
Fenders, deflectors, full cover, or extended	○	○	○
Hitch	○	○	○
Lighting, front and rear	○	○	○
Powertrain, lower and sides	○	○	○
Radiator, rear	○	○	○
Windshield	○	○	○
ELECTRICAL	926	930	938
Alarm, back up	●	●	●
Alternator, 115-amp, heavy duty	●	●	●
– Alternator, brushless, 150 amp	○	○	○
Batteries, 1,000 CCA (2) 24V system, disconnect switch	●	●	●
Cold start package with block heater	○	○	○
Emergency shutdown switch	●	●	●
Gear reduction starter, heavy duty	●	●	●
Lights, roading, front and rear	●	●	●
Lights, LED, rear stop and turn	●	●	●
– Lights, LED auxiliary	○	○	○
– Lights, LED roading	○	○	○
– Lights, LED, engine and DEF compartment	○	○	○
Power supply, 12V in cab (2)	●	●	●
– USB charging ports (2)	○	○	○
Product Link™ Elite	●	●	●
– Product Link – Cellular and Satellite	○	○	○
Remote jump start post	●	●	●
Resettable main and critical function breakers	●	●	●
Secondary steering	○	○	○

● – standard ○ – optional ○ – not available

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