

Small Wheel Loaders



Waste Handler Arrangements



	926M Waste Handler	930M Waste Handler	938M Waste Handler
Engine Model*	Cat® C7.1 ACERT™	Cat C7.1 ACERT	Cat C7.1 ACERT
Maximum Rated Gross Power:			
ISO 14396	114 kW (153 hp)	122 kW (164 hp)	140 kW (188 hp)
ISO 14396 (DIN)	114 kW (155 hp)	122 kW (166 hp)	140 kW (190 hp)
Bucket Capacity	3.0-5.0 m ³ (3.9-6.5 yd ³)	3.0-5.0 m ³ (3.9-6.5 yd ³)	3.0-5.0 m ³ (3.9-6.5 yd ³)
Full Turn Tip Load	7376 kg (16,257 lb)	8241 kg (18,163 lb)	9843 kg (21,720 lb)
Operating Weight	14 175 kg (31,240 lb)	15 153 kg (33,396 lb)	17 493 kg (38,555 lb)

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

Making Your Choice Easy

Application Specific Configuration

Maximize productivity while keeping operating costs low. Cat Waste Handlers are built for the most demanding environments with a range of options to protect both you and the machine.

Efficiently Powerful

Experience Hybrid like, industry leading, fuel efficiency with an intelligent hydrostatic power train. For your highest production work, a new Performance Mode will allow you to boost the power and hydraulic speed in all ranges to get the job done even quicker.

Work Made Easy

Move more with Caterpillar's patented quick loading Performance Series buckets and optimized Z-bar linkage. Multi-function work has never been easier with dedicated pumps and a flow sharing implement valve.

Enjoy All Day Comfort

Have a seat in the M Series Small Wheel Loader and enjoy whisper quiet sound levels, all around visibility and seat mounted joystick controls. The large spacious cab combined with Caterpillar's exclusive hydraulic cylinder dampening make this the most comfortable seat on your job site.

Contents

Application Specific Configuration.....	4
Customize Your Experience.....	5
Efficiently Powerful.....	6
Work Made Easy.....	8
Enjoy All Day Comfort.....	10
Configured for Success.....	12
Serviceability and Customer Support.....	13
Waste Handler Specifications.....	14
Light Material Buckets.....	19
Operating Specifications.....	24
High Dump Buckets.....	25
Supplemental Specifications.....	30
Standard Equipment.....	31
Optional Equipment.....	32
Notes.....	33



Environmental and customer friendly –
up to 95% recyclable content by weight



The Cat 926M, 930M and 938M Waste Handlers set a new standard for productivity, fuel efficiency and comfort.

A high torque, low speed C7.1 ACERT engine works in concert with an intelligent hystat power train to deliver fuel efficiency as standard. A complete range of guarding and debris management solutions are available to meet the needs of the most demanding environments. Extremely low sound levels, large spacious cab and intuitive controls keep you working comfortably all day and even all night! Experience the new industry benchmark.

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 your engine life and extend filter cleaning intervals with a turbine pre-cleaner. Keep cool with a reversing fan to purge the single plane, widely spaced core cooling package and brush-less sealed alternator. Breathe clean with a powered RESPA system for the operator environment 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 wheel torque adjustments through an exclusive Rimpull Control feature designed to keep your operating costs low.





Customize Your Experience

Make it yours.

Work as one with your machine by customizing the controls.

Flexible Power Train

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

- **Select your Power Train Mode:**
 - Torque Converter (TC) for smooth rollout.
 - Hystat for aggressive engine braking.
 - Default mode which blends the best of Hystat and Torque Converter characteristics.
- **Reduce tire wear** using Rimpull control which enables you to match available tractive power to underfoot conditions.
- **Set Directional Shift Response**, soft and smooth for material handling applications or sharp for aggressive operation.



Adjustable Electro Hydraulic Controls

Easily customize the hydraulic performance through touch screen display to optimize your efficiency.

- **Optimize hydraulic modulation** with Fine Mode control when working with forks.
- **Quicker Hydraulic response** for fine grading at speed and quick functions through Lift and Tilt response settings.
- **Fully adjustable ride control** activation speed along with 3rd function auxiliary flow for powering a roll out bucket.

Operator Profiles and Coded Start

- The M Series Wheel Loaders will remember you and your personal settings with unique operator codes to make this machine truly yours and keep it secure on the job site.



Efficiently Powerful

Experience hybrid-like fuel efficiency with more power when you need it.

Power on Demand

A choice of Power Modes allows you to choose between maximum fuel efficiency or boosted power along with hydraulic speed to get your work done even quicker.



Standard Power Mode

- Saves up to 10% fuel compared to previous K Series models while running at an efficient 1,600 rpm.
- Recommended for load and carry to maximize fuel efficiency.
- Power-by-range logic increases power in speed Range 4 automatically to maximize travel speed and grade climbing performance.
- Reduces cab sound levels down to a whisper quiet 64 dB(A) typical.

Performance Power Mode

- Enabled at the push of a button (HP+).
- Boosts engine power by up to 10% in all speed ranges.
- Boosts engine speed by over 12%.
- Increases hydraulic cycle times and productivity.

Six Cylinders of Efficient Power

The Cat C7.1 ACERT engine provides more efficient, quieter operation while delivering superior performance and durability through a high torque, low speed design. The engine meets U.S. EPA Tier 4 Final and EU Stage IV emission standards with a Clean Emissions Module that is designed to manage itself so you can concentrate on your work.

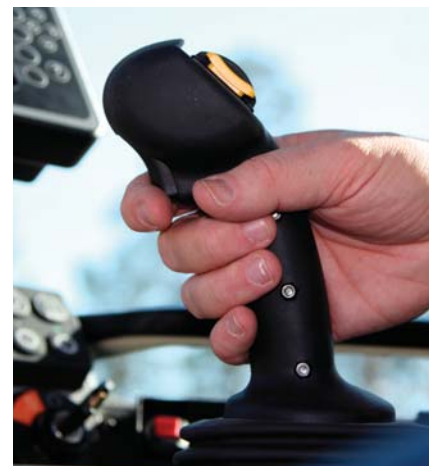
- **No downtime for regeneration** with a passive low temperature system that keeps you on the job.
- **Fit for Life Diesel Particulate Filter** that is designed to exceed the engine overhaul life.
- **Extended fluid fill intervals** with minimal use of Diesel Exhaust Fluid (DEF) with up to four fuel tank fills per DEF fill.
- **Configurable auto idle shut down** based on time and ambient temperature to further reduce fuel burn and keep operating costs low.
- **Spark arrester performance as standard** – Meets the performance requirements of EN 1834-1.2000 (section 6.4.2 Visual Test)



Power to the Ground

Lock up and go with fully locking front differential axles that can be engaged on the move at full torque with the pull of a trigger on the seat mounted joystick. Maximize your traction with optional Limited Slip Differential on the rear axle 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.



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** 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.
- **Visibility** to bucket corners and fork tips at ground level remain excellent while sight lines at maximum lift are improved with a Generation II lift arm design.



Quick Loading, Performance Series Buckets

Performance Series Buckets deliver up to 10% higher fill factors and better material retention for significant productivity and fuel efficiency improvements. The buckets feature a longer floor to take a bigger bite of the pile, an open throat to heap higher and curved side bars to help with material retention. This optimized shape is echoed across the General Purpose, Light Material, and High Dump bucket families.



Smooth and Predictable Multi-Function Performance

M Series machines feature an electro-hydraulic control system that is governed by the Intelligent Power Management system for peak efficiency. The load-sensing, variable flow system senses work demand and adjusts flow and pressure to match the operators request.

- **Multi-Function without compromise** through Caterpillar's exclusive dedicated hydraulic systems featuring three pumps.
 - 1st pump for Intelligent Hydrostatic drive
 - 2nd pump for implements
 - 3rd pump for steering system

Drive, Lift and Steer simultaneously with smooth predictable control. The M Series simply does what you ask it to.

- **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 such as ground and level.
- **Fine tune hydro-mechanical performance** with fully adjustable 3rd function flow through the touch screen display (when equipped) for a perfect marriage between machine and attachments.





Enjoy All Day Comfort

Best seat on the job site.

Have a Seat and Experience:

- **Seat-mounted controls** featuring a low effort joystick for lift and tilt functions along with integrated Forward/Neutral/Reverse switch, differential lock trigger and optional third and fourth auxiliary functions.
- **Superior all around visibility** with single piece front windshield, new parabolic external mirrors, redesigned Generation II linkage and clean hydraulic lines routing.
- **Automatic climate control** with heated rear glass and external mirrors for a quick defrost.
- **Fully adjustable controls** including steering column, joystick and seat suspension.
- **Information at a glance** with large primary LCD display and optional full color touch screen display.
- **An extra eye on the job site** with optional integrated rear object detection and optional* rearview camera.
- **A heated and cooled seat** option for added comfort in a wide range of climates.

**Standard in Europe.*





An easy day at work with:

- **A spacious, safe, quiet operator environment** featuring ergonomic controls, seat belt notification and optional Bluetooth™ radio with integrated microphone plus an auxiliary port.
- **Easy access to vital machine parameters** with the optional touch screen display that works in conjunction with the standard soft touch panel to allow real time adjustments to machine features and an integrated help button with over 25 languages.
- **Comfortable soft stops** at cylinder end stroke conditions and programmable kickout points with Caterpillar's exclusive electro-hydraulic cylinder snubbing.
- **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 optional LED lighting package that includes engine compartment lighting to illuminate the way for checking oil, and coolant level along with refueling the machine in dark conditions.

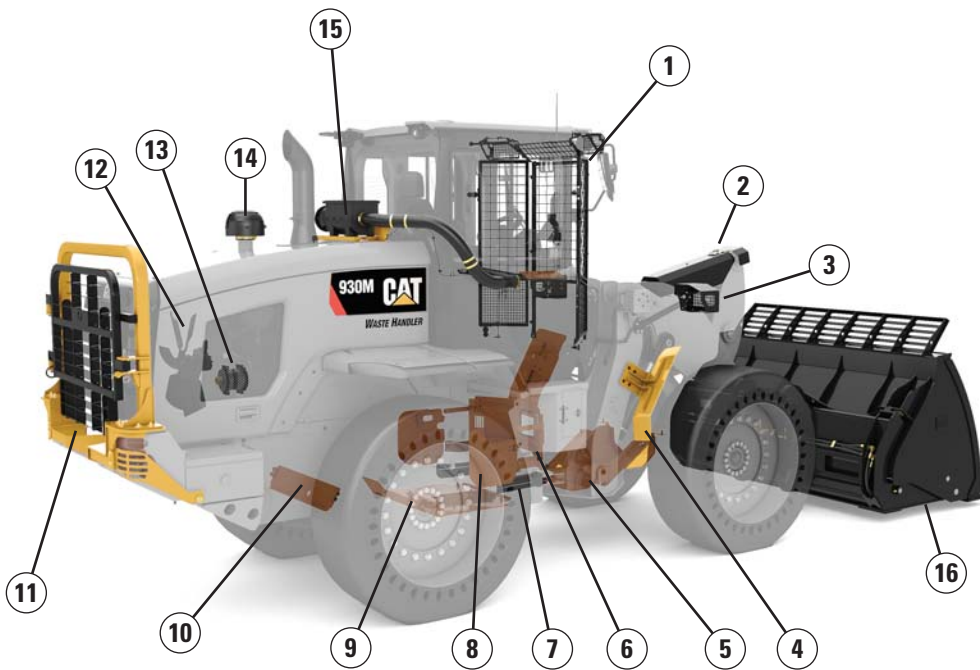


Configured for Success

Ready to work for you.

The Way You Want It

A complete range of optional equipment and work tools gives you the versatility to configure a Waste Handler to be successful in your business. Get with your Caterpillar dealer to configure yours.



Guards:

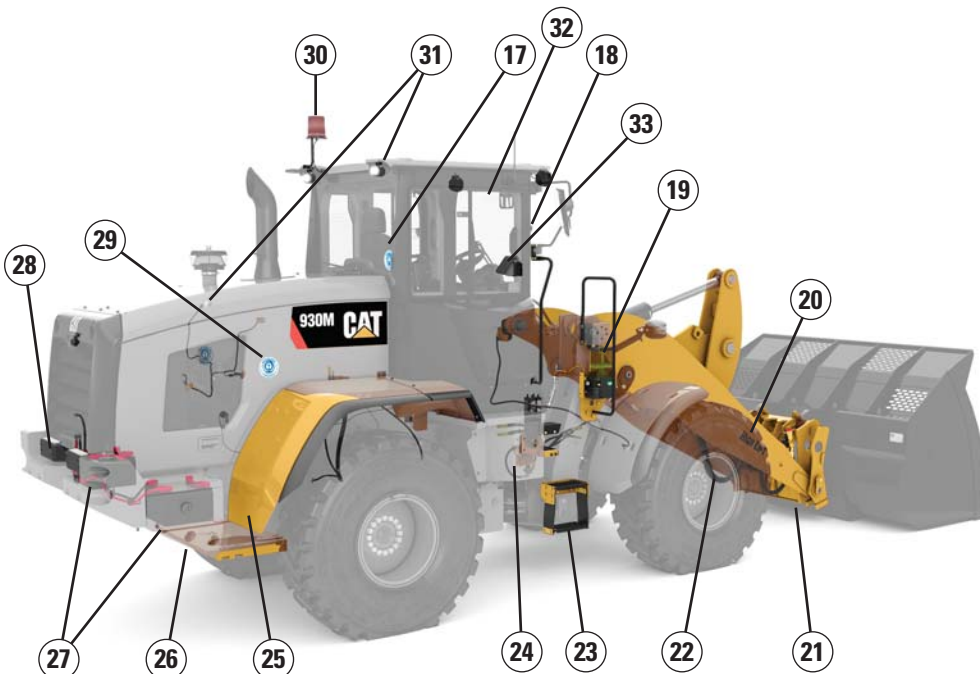
- 1) Windshield
- 2) Tilt cylinder
- 3) Lights
- 4) Fender deflectors
- 5) Drive shaft
- 6) Hitch
- 7) Steering cylinders
- 8) Side power train
- 9) Lower power train
- 10) Crank case
- 11) Rear radiator (930/938 only)

Debris Packages:

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

Work Tools

- 16) Full range of tools



Operator Environment:

- 17) Seat, deluxe or premium
- 18) Deluxe cab (with touch screen display)

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) CPM – Cat Production Measurement
- 33) TPM – Tire Pressure Monitoring

Serviceability

Schedule your downtime to 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. Extended service intervals on hydraulic and power train filters reduce service time and maximize uptime. Additional service features include:

- **Product Link™ PRO standard** with a trial subscription to VisionLink®.
- **Maintenance reminders** through touch screen display at scheduled intervals.
- **Fit for Life Diesel Particulate Filter** that is designed to exceed the engine overhaul life.
- **Quick fuel filter service** with Caterpillar's exclusive electric fuel priming pump.
- **Jump start studs** as standard equipment.
- **Extended cleanouts** with single plane cooling system and wide spaced six fins per inch coolers as standard.
- **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 an M Series Small Wheel Loader and join the Caterpillar family.

Small Wheel Loaders Waste Handler Specifications

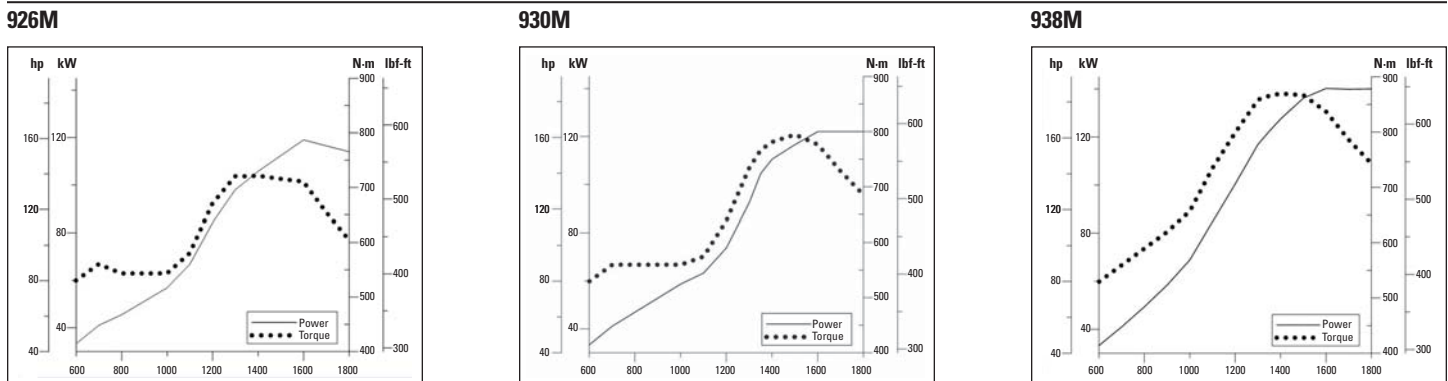
Engine

Cat C7.1 ACERT Power Mode	926M				930M				938M			
	Performance (HP+)		Standard		Performance (HP+)		Standard		Performance (HP+)		Standard	
	Range 1-4		Range 1-3*		Range 1-4		Range 1-3*		Range 1-4		Range 1-3*	
Maximum Rated Gross Power	1,800 rpm		1,600 rpm		1,800 rpm		1,600 rpm		1,800 rpm		1,600 rpm	
Maximum Engine Speed	1,800 rpm		1,600 rpm		1,800 rpm		1,600 rpm		1,800 rpm		1,600 rpm	
ISO 14396	114	153	109	146	122	164	119	160	140	188	129	173
ISO 14396 (DIN)	114	155	109	148	122	166	119	162	140	190	129	175
Rated Net Power	1,800 rpm		1,600 rpm		1,800 rpm		1,600 rpm		1,800 rpm		1,600 rpm	
SAE J1349 at Minimum Fan Speed	110	148	105	141	117	157	115	154	136	182	125	168
ISO 9249 (1977)/EEC 80/1269 at Minimum Fan Speed	111	149	106	142	119	160	116	156	137	184	126	169
ISO 9249 (DIN) at Minimum Fan Speed	111	151	106	144	119	162	116	158	137	186	126	171
Maximum Gross Torque	N-m	lbf-ft	N-m	lbf-ft	N-m	lbf-ft	N-m	lbf-ft	N-m	lbf-ft	N-m	lbf-ft
ISO 14396	721	531	721	531	804	592	804	592	879	648	879	648
Maximum Net Torque												
SAE J1349	694	511	694	511	768	566	768	566	843	621	843	621
ISO 9249 (1977)/EEC 80/1269	702	517	702	517	776	572	776	572	852	628	852	628
Displacement	7.01 L		427 in ³		7.01 L		427 in ³		7.01 L		427 in ³	
Bore	105 mm		4 in		105 mm		4 in		105 mm		4 in	
Stroke	135 mm		5 in		135 mm		5 in		135 mm		5 in	

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

- 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.
- The Cat C7.1 ACERT engine meets Tier 4 Final/Stage IV emission standards.
- Spark arrester performance as standard – Meets the performance requirements of EN 1834-1:2000 (section 6.4.2 Visual Test).

Engine Torque



Cab



- ROPS: ISO 3471: 2008, FOPS: ISO 3449: 2005 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)*

- * Measurements were conducted at 70% of maximum engine cooling fan speed. Sound level may vary at different engine cooling fan speeds. The cab was properly installed and maintained. The measurements were conducted with the cab doors and the cab windows closed.
- The Blue Angel environmental label is an optional attachment for Europe only.

Small Wheel Loaders Waste Handler 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 function flow is fully adjustable from 20% to 100% of maximum flow through the touch screen display when equipped.

	926M		930M		938M	
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
Maximum Working Pressure – Implement Pump	26 000 kPa	3,771 psi	25 000 kPa	3,626 psi	28 000 kPa	4,061 psi
Relief Pressure – Tilt Cylinder	28 000 kPa	4,061 psi	28 000 kPa	4,061 psi	30 000 kPa	4,351 psi
3rd Function Maximum Working Pressure	26 000 kPa	3,771 psi	25 000 kPa	3,626 psi	28 000 kPa	4,061 psi
3rd Function Relief Pressure	28 000 kPa	4,061 psi	28 000 kPa	4,061 psi	30 000 kPa	4,351 psi
Lift Cylinder: Double Acting						
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: Double Acting						
Bore Diameter	130 mm	5.1 in	150 mm	5.9 in	150 mm	5.9 in
Rod Diameter	70 mm	2.8 in	90 mm	3.5 in	90 mm	3.5 in
Stroke	555 mm	21.9 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).

	926M		930M		938M	
Steering Cylinder: Double Acting						
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 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	24 130 kPa	3,500 psi	24 130 kPa	3,500 psi	24 130 kPa	3,500 psi
Maximum Steering Torque						
0° (Straight Machine)	50 375 N·m	37,155 lbf-ft	50 375 N·m	37,155 lbf-ft	57 630 N·m	42,506 lbf-ft
40° (Full Turn)	37 620 N·m	27,747 lbf-ft	37 620 N·m	27,747 lbf-ft	42 570 N·m	31,398 lbf-ft
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	

Small Wheel Loaders Waste Handler Specifications

Transmission



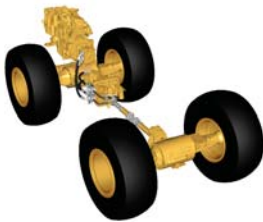
* Creeper control allows maximum speed range adjustability from 1 km/h (0.6 mph) to 13 km/h (8 mph) in Range 1 through the touch screen display when equipped. Factory default is 7 km/h (4.4 mph).

	926M		930M		938M	
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

	926M		930M		938M	
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
Axles						
Front	21 L	5.5 gal	26 L	6.9 gal	35 L	9.2 gal
Rear	21 L	5.5 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

Power Train



- Power train is governed by the Caterpillar exclusive Intelligent Power Management system to deliver peak performance and efficiency.
- Offset rims available to meet European roading requirements.

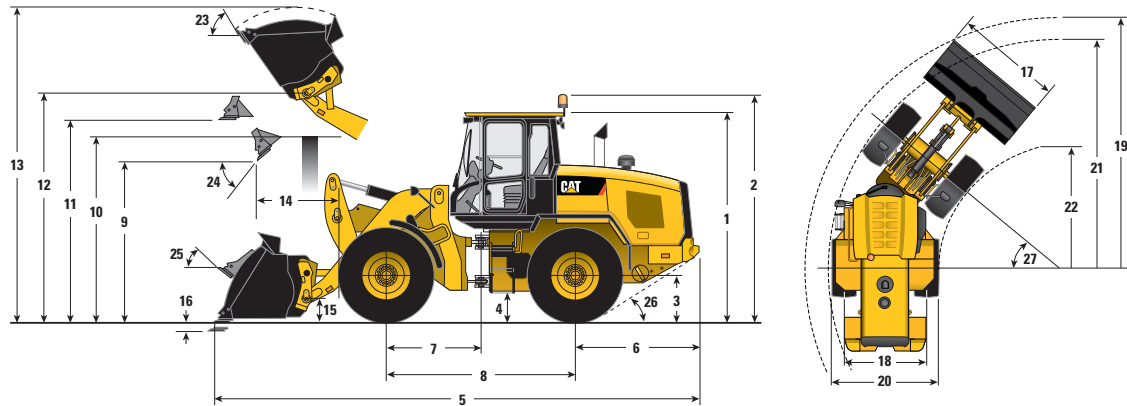
*Differential front locking axle can be engaged on the go at full torque to 10 km/h (6.2 mph) on the 926M/930M and up to 20 km/h (12.4 mph) on the 938M.

	926M	930M	938M
Front Axle	Fixed	Fixed	Fixed
Traction Aid*	Locking differential (standard)	Locking differential (standard)	Locking differential (standard)
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
Traction Aid (optional)	Limited slip differential	Limited slip differential	Limited slip differential
Brakes			
Service	Inboard wet disc	Inboard wet disc	Outboard wet disc
Park	Spring applied hydraulically released	Spring applied hydraulically released	Spring applied hydraulically released

Small Wheel Loaders Waste Handler Specifications

Dimensions with Bucket

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



	Standard Lift						High Lift					
	926M		930M		938M		926M HL		930M HL		938M HL	
	mm	ft/in	mm	ft/in	mm	ft/in	mm	ft/in	mm	ft/in	mm	ft/in
** 1 Height: Ground to Cab	3375	11'0"	3375	11'0"	3375	11'0"	3375	11'0"	3375	11'0"	3375	11'0"
** 2 Height: Ground to Beacon	3742	12'3"	3742	12'3"	3742	12'3"	3742	12'3"	3742	12'3"	3742	12'3"
** 3 Height: Ground Axle Center	720	2'4"	720	2'4"	720	2'4"	720	2'4"	720	2'4"	720	2'4"
** 4 Height: Ground Clearance	432	1'5"	432	1'5"	421	1'4"	432	1'5"	432	1'5"	421	1'4"
* 5 Length: Overall	7645	25'0"	7754	25'5"	7987	26'2"	8294	27'2"	8556	28'0"	8735	28'7"
6 Length: Rear Axle to Bumper	1986	6'6"	1993	6'6"	1968	6'5"	1986	6'6"	1993	6'6"	1968	6'5"
7 Length: Hitch to Front Axle	1500	4'11"	1500	4'11"	1525	5'0"	1500	4'11"	1500	4'11"	1525	5'0"
8 Length: Wheel Base	3000	9'10"	3000	9'10"	3050	10'0"	3000	9'10"	3000	9'10"	3050	10'0"
* 9 Clearance: Bucket at 45°	2707	8'10"	2635	8'7"	2569	8'5"	3212	10'6"	3242	10'7"	3168	10'4"
** 10 Clearance: Load Over Height	3365	11'0"	3366	11'0"	3389	11'1"	3585	11'9"	3575	11'8"	3596	11'9"
** 11 Clearance: Level Bucket	3615	11'10"	3615	11'10"	3676	12'0"	4108	13'5"	4208	13'9"	4257	13'11"
** 12 Height: Bucket Pin	3942	12'11"	3942	12'11"	4004	13'1"	4435	14'6"	4535	14'10"	4585	15'0"
** 13 Height: Overall	5239	17'2"	5344	17'6"	5574	18'3"	5732	18'9"	5937	19'5"	6155	20'2"
* 14 Reach: Bucket at 45°	1073	3'6"	1146	3'9"	1309	4'3"	1329	4'4"	1487	4'10"	1603	5'3"
15 Carry Height: Bucket Pin	464	1'6"	464	1'6"	477	1'6"	650	2'1"	690	2'3"	688	2'3"
** 16 Dig Depth	65	0'2.5"	65	0'2.5"	66	0'2.5"	100	0'3.9"	100	0'3.9"	100	0'3.9"
17 Width: Bucket	2750	9'0"	2750	9'0"	2750	9'0"	2750	9'0"	2750	9'0"	2750	9'0"
18 Width: Tread Center	1930	6'3"	1930	6'3"	2083	6'10"	1930	6'3"	1930	6'3"	2083	6'10"
19 Turning Radius: Over Bucket	6077	19'11"	6108	20'0"	6240	20'5"	6392	20'11"	6496	21'3"	6611	21'8"
20 Width: Over Tires	2540	8'4"	2540	8'4"	2540	8'4"	2540	8'4"	2540	8'4"	2540	8'4"
21 Turning Radius: Outside of Tires	5402	17'8"	5402	17'8"	5546	18'2"	5402	17'8"	5402	17'8"	5546	18'2"
22 Turning Radius: Inside of Tires	2851	9'4"	2851	9'4"	2843	9'3"	2851	9'4"	2851	9'4"	2843	9'3"
23 Rack Angle at Full Lift	54°		54°		54°		51°		53°		53°	
24 Dump Angle at Full Lift	45°		45°		46°		44°		44°		44°	
25 Rack Angle at Carry	44°		44°		45°		48°		50°		49°	
26 Departure Angle	33°		33°		33°		33°		33°		33°	
27 Articulation Angle	40°		40°		40°		40°		40°		40°	
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb
Operating Weight	14 057	30,981	15 087	33,251	17 493	38,555	14 335	31,594	15 319	33,763	17 391	38,330

*Dimensions listed are for a machine configured with Fusion Light Material buckets, bolt-on cutting edges, heavy counterweight (except 938M HL), waste guarding, 80 kg (176 lb) operator, and Michelin 20.5 R25 (L-5) XMINE D2 tires.

Small Wheel Loaders Waste Handler Specifications

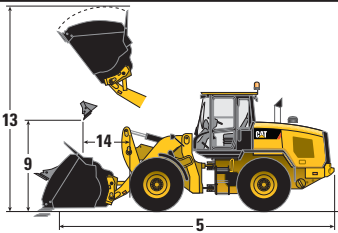
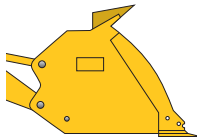

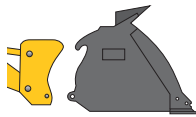
Supplemental Operating Data – Tires on Standard Lift Linkage Machine

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	24	0.9	-125.5	-4.9
Reach: Bucket at 45°	+22	+0.9	-1	0	+171	+6.7
	kg	lb	kg	lb	kg	lb
Tipping Load – Straight	-384	-847	+555	+1,223	-453	-998
Tipping Load – Full Turn	-336	-740	+506	+1,115	-375	-826
Operating Weight	-605	-1,334	+1480	+3,261	-108	-238

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	24	0.9	-125.5	-4.9
Reach: Bucket at 45°	+22	+0.9	-1	0	+171	+6.7
	kg	lb	kg	lb	kg	lb
Tipping Load – Straight	-298	-657	+431	+949	-351	-773
Tipping Load – Full Turn	-260	-574	+393	+866	-291	-641
Operating Weight	-605	-1,334	+1480	+3,261	-108	-238

Operating Specifications with Light Material Buckets

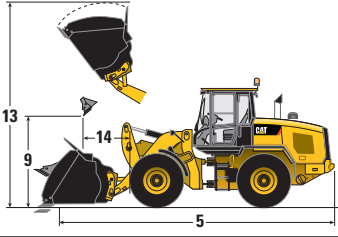
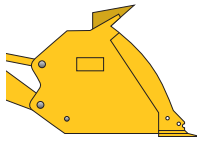

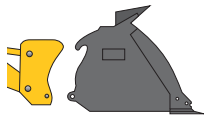
							
926M Waste Handler Standard Lift		Pin On		Fusion		ISO 23727	
Rated Capacity	m ³	3.5	4.2	3.5	4.2	3.5	4.2
	yd ³	4.6	5.5	4.6	5.5	4.6	5.5
Width: Bucket	mm	2750	2750	2750	2750	2750	2750
	ft/in	9'0"	9'0"	9'0"	9'0"	9'0"	9'0"
Nominal Material Density	kg/m ³	922	743	878	707	840	673
	120% Fill Factor lb/yd ³	1,546	1,251	1,473	1,191	1,408	1,133
9 Clearance: Full Lift 45° Dump	mm	2666	2545	2635	2515	2562	2442
	ft/in	8'8"	8'4"	8'7"	8'3"	8'4"	8'0"
14 Reach: Full Lift 45° Dump	mm	1117	1237	1146	1266	1184	1305
	ft/in	3'7"	4'0"	3'9"	4'1"	3'10"	4'3"
5 Length: Overall	mm	7705	7875	7747	7917	7847	8017
	ft/in	25'3"	25'10"	25'5"	25'11"	25'8"	26'3"
13 Height: Overall	mm	5319	5480	5344	5506	5420	5587
	ft/in	17'5"	17'11"	17'6"	18'0"	17'9"	18'3"
Tipping Load – Straight ISO 14397-1*	kg	9051	8777	8660	8393	8283	7995
	lb	19,947	19,345	19,085	18,498	18,254	17,621
Tipping Load – Full Turn ISO 14397-1*	kg	7745	7494	7376	7132	7053	6787
	lb	17,070	16,516	16,257	15,717	15,545	14,957
Breakout Force	kg	7866	6877	7585	6649	7075	5945
	lb	17,336	15,156	16,718	14,654	15,593	13,102
Operating Weight	kg	13,812	13,941	14,175	14,304	14,095	14,258
	lb	30,440	30,726	31,240	31,526	31,065	31,424
926M 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	691	556	650	522	628	501
	120% Fill Factor lb/yd ³	1,159	935	1,091	878	1,053	843
9 Clearance: Full Lift 45° Dump	mm	3172	3053	3142	3023	3069	2951
	ft/in	10'4"	10'0"	10'3"	9'11"	10'0"	9'8"
14 Reach: Full Lift 45° Dump	mm	1373	1496	1403	1525	1443	1565
	ft/in	4'6"	4'10"	4'7"	5'0"	4'8"	5'1"
5 Length: Overall	mm	8354	8524	8396	8566	8490	8660
	ft/in	27'4"	27'11"	27'6"	28'1"	27'10"	28'4"
13 Height: Overall	mm	5812	5973	5837	5999	5913	6080
	ft/in	19'0"	19'7"	19'1"	19'8"	19'4"	19'11"
Tipping Load – Straight ISO 14397-1*	kg	6849	6627	6489	6271	6266	6022
	lb	15,096	14,605	14,300	13,821	13,811	13,272
Tipping Load – Full Turn ISO 14397-1*	kg	5807	5601	5463	5261	5277	5048
	lb	12,799	12,343	12,041	11,596	11,629	11,124
Breakout Force	kg	7457	6512	7188	6294	6702	5624
	lb	16,434	14,353	15,841	13,871	14,771	12,395
Operating Weight	kg	14,090	14,220	14,453	14,583	14,373	14,536
	lb	31,054	31,340	31,854	32,140	31,678	32,038

*Full compliance to ISO 14397-1 (2007) Section 1 thru 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 (L-5) XMIINE D2 tires.

Light Material Buckets

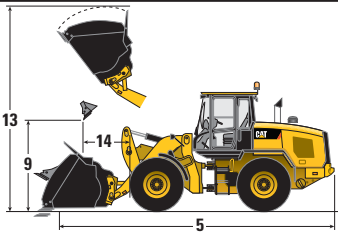
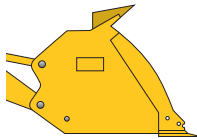

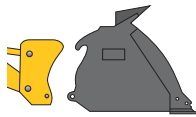
Operating Specifications with Light Material Buckets

							
930M 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	6.5	5	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	945	705	904	674	954	642
	120% Fill Factor lb/yd ³	1,583	1,195	1,514	1,142	1,600	1,089
9 Clearance: Full Lift 45° Dump	mm	2608	2545	2578	2515	2562	2392
	ft/in	8'6"	8'4"	8'5"	8'3"	8'4"	7'10"
14 Reach: Full Lift 45° Dump	mm	1174	1237	1203	1266	1184	1356
	ft/in	3'10"	4'0"	3'11"	4'1"	3'10"	4'5"
5 Length: Overall	mm	7794	7882	7836	7924	7854	8096
	ft/in	25'6"	25'10"	25'8"	25'11"	25'9"	26'6"
13 Height: Overall	mm	5391	5760	5418	5787	5420	5875
	ft/in	17'8"	18'10"	17'9"	18'11"	17'9"	19'3"
Tipping Load – Straight ISO 14397-1*	kg	10 124	9953	9722	9554	9446	9121
	lb	22,313	21,936	21,427	21,057	20,819	20,102
Tipping Load – Full Turn ISO 14397-1*	kg	8619	8457	8241	8082	8014	7710
	lb	18,995	18,639	18,163	17,813	17,663	16,992
Breakout Force	kg	10 109	8942	9763	8659	9270	7789
	lb	22,281	19,707	21,517	19,083	20,430	17,167
Operating Weight	kg	14 790	14 934	15 153	15 294	15 007	15 230
	lb	32,596	32,913	33,396	33,708	33,075	33,567
930M 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	6.5	5	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	674	500	636	472	681	455
	120% Fill Factor lb/yd ³	1,129	848	1,066	800	1,142	771
9 Clearance: Full Lift 45° Dump	mm	3215	3154	3186	3124	3170	3002
	ft/in	10'6"	10'4"	10'5"	10'2"	10'4"	9'10"
14 Reach: Full Lift 45° Dump	mm	1517	1580	1546	1610	1527	1701
	ft/in	4'11"	5'2"	5'0"	5'3"	5'0"	5'6"
5 Length: Overall	mm	8595	8684	8637	8726	8650	8892
	ft/in	28'2"	28'5"	28'4"	28'7"	28'4"	29'2"
13 Height: Overall	mm	5984	6352	6010	6380	6013	6468
	ft/in	19'7"	20'10"	19'8"	20'11"	19'8"	21'2"
Tipping Load – Straight ISO 14397-1*	kg	7304	7152	6941	6792	6831	6555
	lb	16,098	15,763	15,298	14,969	15,054	14,446
Tipping Load – Full Turn ISO 14397-1*	kg	6149	6003	5803	5660	5721	5459
	lb	13,552	13,230	12,790	12,474	12,608	12,032
Breakout Force	kg	9855	8714	9515	8436	9033	7586
	lb	21,720	19,204	20,971	18,593	19,908	16,718
Operating Weight	kg	15 022	15 166	15 385	15 526	15 239	15 462
	lb	33,108	33,425	33,908	34,219	33,587	34,078

*Full compliance to ISO 14397-1 (2007) Section 1 thru 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 (L-5) XMIINE D2 tires.

Operating Specifications with Light Material Buckets

							
938M 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	kg/m ³	1022	858	977	818	940	788
	120% Fill Factor lb/yd ³	1,720	1,455	1,644	1,386	1,581	1335
9 Clearance: Full Lift 45° Dump	mm	2606	2606	2569	2569	2503	2452
	ft/in	8'6"	8'6"	8'5"	8'5"	8'2"	8'0"
14 Reach: Full Lift 45° Dump	mm	1273	1273	1309	1309	1340	1391
	ft/in	4'2"	4'2"	4'3"	4'3"	4'4"	4'6"
5 Length: Overall	mm	7935	7935	7987	7987	8077	8149
	ft/in	26'0"	26'0"	26'2"	26'2"	26'5"	26'8"
13 Height: Overall	mm	5542	5821	5574	5855	5649	5937
	ft/in	18'2"	19'1"	18'3"	19'2"	18'6"	19'5"
Tipping Load – Straight ISO 14397-1*	kg	12 132	12 132	11 638	11 609	11 197	11 183
	lb	26,738	26,739	25,650	25,585	24,679	24,647
Tipping Load – Full Turn ISO 14397-1*	kg	10 303	10 300	9843	9811	9470	9452
	lb	22,708	22,701	21,695	21,624	20,872	20,833
Breakout Force	kg	10 302	10 264	9915	9860	9001	8956
	lb	22,706	22,622	21,851	21,731	19,839	19,739
Operating Weight	kg	17 083	17 130	17 493	17 571	17 389	17 448
	lb	37,650	37,754	38,555	38,725	38,324	38,456
938M 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	kg/m ³	715	599	674	562	656	548
	120% Fill Factor lb/yd ³	1,203	1,015	1,135	953	1,103	929
9 Clearance: Full Lift 45° Dump	mm	3205	3205	3168	3168	3103	3054
	ft/in	10'6"	10'6"	10'4"	10'4"	10'2"	10'0"
14 Reach: Full Lift 45° Dump	mm	1566	1566	1603	1603	1636	1688
	ft/in	5'1"	5'1"	5'3"	5'3"	5'4"	5'6"
5 Length: Overall	mm	8683	8683	8735	8735	8819	8891
	ft/in	28'5"	28'5"	28'7"	28'7"	28'11"	29'2"
13 Height: Overall	mm	6122	6402	6155	6436	6230	6518
	ft/in	20'1"	21'0"	20'2"	21'1"	20'5"	21'4"
Tipping Load – Straight ISO 14397-1*	kg	8555	8539	8125	8079	7898	7867
	lb	18,855	18,819	17,906	17,806	17,407	17,339
Tipping Load – Full Turn ISO 14397-1*	kg	7203	7185	6795	6749	6608	6576
	lb	15,875	15,835	14,977	14,874	14,564	14,493
Breakout Force	kg	9894	9856	9519	9464	8640	8594
	lb	21,806	21,721	20,979	20,858	19,041	18,942
Operating Weight	kg	16 981	17 028	17 391	17 469	17 287	17 346
	lb	37,426	37,529	38,330	38,501	38,099	38,231

*Full compliance to ISO 14397-1 (2007) Section 1 thru 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 (L-5) XMIINE D2 tires.

Light Material Buckets

Bucket Selection for Light Material Buckets – Standard Lift

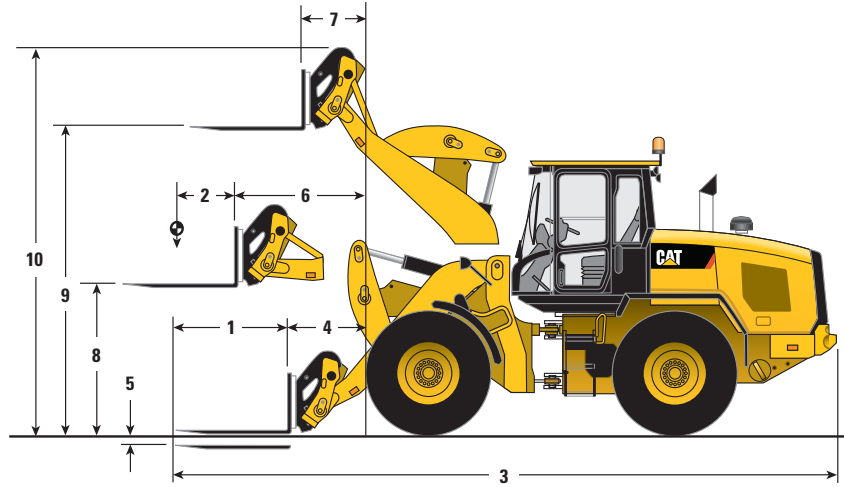
Material Type		Material Type													Tip Load Full Turn*								
		Mixed Plastics	Semi Compacted MSW	Mixed, Semi Comp. Paper	Organic Yard Waste	MSW with Light C&D	Glass – Bottles and Jars	Organic Food Scraps	C&D – Mulch Wet	MSW – Bricks, Loose	MSW – Compacted	Glass – Semi Crushed C&D – Mixed	C&D – Concrete Pieces	Fertilizer – Mixed			Loose Metal Scrap	Shredded Steel	Batteries				
Fill Factor %		120%	120%	120%	115%	120%	110%	115%	110%	120%	115%	110%	110%	110%	110%	105%	110%	1580					
		m ³	yd ³	Counter-weight	kg/m ³	380	500	620	740	860	980	1100	1220	1340	1460	1580	kg	lb					
				lb/yd ³	(640)	(843)	(1,045)	(1,247)	(1,449)	(1,651)	(1,854)	(2,056)	(2,258)	(2,460)	(2,662)								
926M	Pin On	3.1	(4.1)	Log/Agg														8308	(18,316)				
				Heavy									115%	110%	105%	100%				7891	(17,395)		
		4.1	(5.4)	Log/Agg																7903	(17,422)		
				Heavy										115%	110%	105%	100%				7494	(16,521)	
		5.0	(6.5)	Log/Agg																	7864	(17,336)	
				Heavy										115%	110%	105%	100%				7454	(16,433)	
	Fusion	3.1	(4.1)	Log/Agg																7959	(17,546)		
				Heavy										115%	110%	105%	100%				7547	(16,637)	
		4.1	(5.4)	Log/Agg																	7535	(16,612)	
				Heavy											115%	110%	105%	100%				7132	(15,722)
		5.0	(6.5)	Log/Agg																		7496	(16,526)
				Heavy												115%	110%	105%	100%				7092
930M	Pin On	3.1	(4.1)	Log/Agg															9332	(20,572)			
				Heavy																	8914	(19,651)	
		4.1	(5.4)	Log/Agg																	8412	(18,544)	
				Heavy																	8904	(19,629)	
		5.0	(6.5)	Log/Agg																	8495	(18,728)	
				Heavy																	8004	(17,645)	
	Fusion	3.1	(4.1)	Log/Agg																	8867	(19,547)	
				Heavy																	8457	(18,644)	
		4.1	(5.4)	Log/Agg																	7965	(17,559)	
				Heavy																	8969	(19,773)	
		5.0	(6.5)	Log/Agg																		8557	(18,864)
				Heavy																		8524	(18,791)
938M	Pin On	3.5	(4.6)	Log/Agg																11006	(24,264)		
				Heavy																		10604	(23,377)
		4.1	(5.4)	Log/Agg																		10109	(22,287)
				Heavy																		10700	(23,589)
		5.0	(6.5)	Log/Agg																		10303	(22,714)
				Heavy																		9816	(21,639)
	Fusion	3.5	(4.6)	Log/Agg																		10698	(23,584)
				Heavy																		10300	(22,708)
		4.1	(5.4)	Log/Agg																		9812	(21,631)
				Heavy																		10519	(23,189)
		5.0	(6.5)	Log/Agg																		10122	(22,315)
				Heavy																		10234	(22,562)

Bucket Selection for Light Material Buckets – High Lift

Material Type		Material Type														Tip Load Full Turn*	
		Mixed Plastics	Semi Compacted MSW	Mixed, Semi Comp. Paper	Organic Yard Waste	MSW with light C&D	Glass – Bottles and Jars	Organic Food Scraps	Organic – Mulch/Wet C&D – Bricks, Loose	MSW – Compacted	Glass – Semi Crushed C&D – Mixed	C&D – Concrete Pieces	Fertilizer – Mixed	Loose Metal Scrap	Shredded Steel		
Fill Factor %		120%	120%	120%	115%	120%	110%	115%	110%	120%	115%	110%	110%	105%	110%	105%	
Counter-weight		kg/m ³	350	425	500	575	650	725	800	875	950	1025	1100	kg	lb		
		lb/yd ³	(590)	(716)	(843)	(969)	(1,095)	(1,222)	(1,348)	(1,474)	(1,601)	(1,727)	(1,854)				
926M	Pin On	3.1 (4.1)	Log/Agg	Not Available											5931	(13,076)	
			Heavy	115% 110% 105% 100%													
		4.1 (5.4)	Log/Agg	Not Available											5601	(12,347)	
			Heavy	115% 110% 105% 100%													
		5.0 (6.5)	Log/Agg	Not Available											5547	(12,229)	
			Heavy	115% 110% 105% 100%													
	Fusion	3.1 (4.1)	Log/Agg	Not Available											5614	(12,376)	
			Heavy	115% 110% 105% 100%													
		4.1 (5.4)	Log/Agg	Not Available											5261	(11,599)	
			Heavy	115% 110% 105% 100%													
		5.0 (6.5)	Log/Agg	Not Available											5209	(11,484)	
			Heavy	115% 110% 105% 100%													
930M	Pin On	3.1 (4.1)	Log/Agg	Not Available											6378	(14,060)	
			Heavy	115% 110% 105% 100%													
			Standard	115% 110% 105% 100%											5990	(13,206)	
		4.1 (5.4)	Log/Agg	Not Available											6052	(13,342)	
			Heavy	115% 110% 105% 100%													
			Standard	115% 110% 105% 100%											5671	(12,501)	
	Fusion	5.0 (6.5)	Log/Agg	Not Available											6003	(13,234)	
			Heavy	115% 110% 105% 100%													
			Standard	115% 110% 105% 100%											5621	(12,392)	
		3.1 (4.1)	Log/Agg	Not Available											6056	(13,351)	
			Heavy	115% 110% 105% 100%													
		4.1 (5.4)	Log/Agg	Not Available											5708	(12,584)	
	Heavy	115% 110% 105% 100%															
938M	Pin On	3.5 (4.6)	Log/Agg	Not Available											7433	(16,387)	
			Heavy	Not Available													
			Standard	115% 110% 105% 100%													
		4.1 (5.4)	Log/Agg	Not Available											7203	(15,879)	
			Heavy	Not Available													
			Standard	115% 110% 105% 100%													
	Fusion	5.0 (6.5)	Log/Agg	Not Available											7185	(15,839)	
			Heavy	Not Available													
			Standard	115% 110% 105% 100%													
		3.5 (4.6)	Heavy	Not Available											7008	(15,449)	
			Standard	115% 110% 105% 100%													
		4.1 (5.4)	Heavy	Not Available											6795	(14,981)	
	Standard	115% 110% 105% 100%															
5.0 (6.5)	Heavy	Not Available											6749	(14,878)			
	Standard	115% 110% 105% 100%															

Operating Specifications

Operating Specifications with Fusion Construction Forks



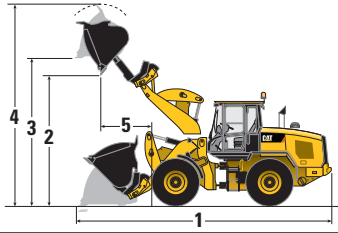
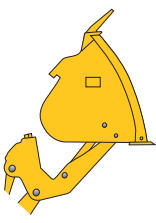
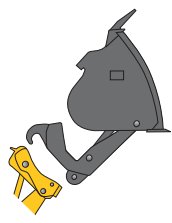
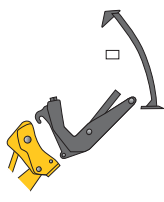
	Standard Lift						High Lift					
	926M		930M		938M		926M HL		930M HL		938M HL	
	mm	ft/in	mm	ft/in	mm	ft/in	mm	ft/in	mm	ft/in	mm	ft/in
1 Fork Tine Length	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"
2 Load Center	762	2'6"	762	2'6"	762	2'6"	762	2'6"	762	2'6"	762	2'6"
3 Length: Overall	8269	27'1"	8276	27'1"	8338	27'4"	8914	29'2"	9073	29'9"	9082	29'9"
4 Reach: Ground	994	3'3"	994	3'3"	1031	3'4"	1639	5'4"	1791	5'10"	1775	5'9"
5 Dig Depth	85	3.4"	85	3.4"	84	3.3"	-120	-4.7"	-120	-4.7"	-118	-4.7"
6 Reach: Level Arm	1605	5'3"	1605	5'3"	1654	5'5"	2128	6'11"	2258	7'4"	2261	7'5"
7 Reach: Full Lift	803	2'7"	803	2'7"	851	2'9"	1040	3'4"	1124	3'8"	1117	3'7"
8 Clearance: Level Arm	1764	5'9"	1764	5'9"	1801	5'10"	1764	5'9"	1764	5'9"	1801	5'10"
9 Clearance: Full Lift	3665	12'0"	3665	12'0"	3728	12'2"	4158	13'7"	4258	13'11"	4309	14'1"
10 Height: Overall	4970	16'3"	4970	16'3"	5033	16'6"	5463	17'11"	5563	18'3"	0	0'0"
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb
Tipping Load – Straight: ISO 14397-1*	6392	14,088	7262	16,006	8759	19,305	5150	11,351	5606	12,356	6593	14,530
Tipping Load – Full Turn: ISO 14397-1*	5469	12,053	6187	13,636	7447	16,412	4366	9,622	4725	10,413	5559	12,251
Operating Weight	13 813	30,444	14 726	32,455	17 002	37,472	14 092	31,057	14 958	32,966	16 900	37,247
Rated Load (% of Full Turn Tip):												
50% of tip: SAE J1197**	2734	6,026	3094	6,818	3723	8,206	2183	4,811	2363	5,206	2779	6,125
60% of tip: Rough Terrain EN474-3**	3281	7,231	3712	8,182	4468	9,847	2620	5,773	2835	6,248	3335	7,351
80% of tip: Firm and level EN474-3**	4375	9,642	4950	10,909	5957	13,129	3493	7,697	3780	8,331	4447	9,801

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

**Full compliance to EN474-3 and SAEJ1197.

Note: Dimensions listed are for a machine configured with, optional counterweights, waste guarding, 80 kg (176 lb) operator, and Michelin 20.5 R25 (L-5) XMINE D2 tires.

Operating Specifications with High Dump Buckets

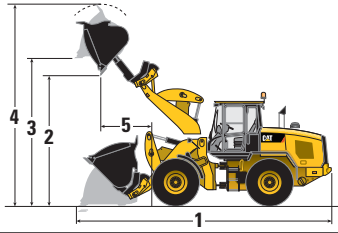
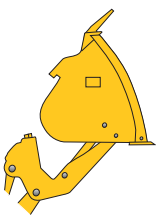
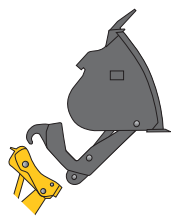
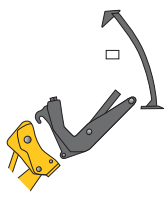
							
926M Standard Lift		Pin On		Fusion		ISO 23727	
Rated Capacity	m ³	3.0	4.1	3.0	4.1	3.0	4.1
	yd ³	4	5.4	3.9	5.4	3.9	5.4
Bucket Width	mm	2528	3032	2528	3032	2528	3032
	ft/in	8'3"	9'11"	8'3"	9'11"	8'3"	9'11"
Nominal Material Density	kg/m ³	936	641	931	618	864	584
	120% Fill Factor	lb/yd ³	1561	1073	1578	1034	1465
1 Length: Overall	mm	7878	7955	7884	8027	8147	8225
	ft/in	25'10"	26'1"	25'10"	26'4"	26'8"	26'11"
2 Dump Clearance: Full Lift Rolled Out	mm	4287	4228	4310	4309	4434	4501
	ft/in	14'0"	13'10"	14'1"	14'1"	14'6"	14'9"
3 Clearance: Level bucket	mm	4627	4612	4641	4682	4786	4869
	ft/in	15'2"	15'1"	15'2"	15'4"	15'8"	15'11"
4 Height: Overall	mm	6290	6333	6303	6403	6448	6570
	ft/in	20'7"	20'9"	20'8"	21'0"	21'1"	21'6"
5 Reach: Full Lift Rolled Out	mm	1404	1433	1399	1468	1591	1572
	ft/in	4'7"	4'8"	4'7"	4'9"	5'2"	5'1"
Tipping Load – Straight ISO 14397-1*	kg	8014	7502	7925	7268	7373	6884
	lb	17,662	16,535	17,465	16,018	16,250	15,172
Tipping Load – Full Turn ISO 14397-1*	kg	6801	6308	6701	6082	6223	5750
	lb	14,989	13,901	14,769	13,405	13,715	12,673
Breakout Force	kg	6526	5999	6704	5854	5485	5007
	lb	14,382	13,221	14,776	12,901	12,089	11,036
Operating Weight	kg	14 250	14 679	14 554	14 974	14 513	14 932
	lb	31,407	32,352	32,076	33,001	31,986	32,910
926M 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	4	5.4	3.9	5.4	3.9	5.4
Bucket Width	mm	2528	3032	2528	3032	2528	3032
	ft/in	8'3"	9'11"	8'3"	9'11"	8'3"	9'11"
Nominal Material Density	kg/m ³	696	467	682	443	639	422
	120% Fill Factor	lb/yd ³	1162	781	1156	742	1083
1 Length: Overall	mm	8530	8605	8533	8673	8797	8872
	ft/in	27'11"	28'2"	27'11"	28'5"	28'10"	29'1"
2 Dump Clearance: Full Lift Rolled Out	mm	4727	4666	4750	4746	4865	4932
	ft/in	15'6"	15'3"	15'7"	15'6"	15'11"	16'2"
3 Clearance: Level Bucket	mm	5077	5062	5092	5132	5225	5313
	ft/in	16'7"	16'7"	16'8"	16'10"	17'1"	17'5"
4 Height: Overall	mm	6740	6783	6754	6852	6888	7014
	ft/in	22'1"	22'3"	22'1"	22'5"	22'7"	23'0"
5 Reach: Full Lift Rolled Out	mm	1656	1682	1652	1721	1850	1834
	ft/in	5'5"	5'6"	5'5"	5'7"	6'0"	6'0"
Tipping Load – Straight ISO 14397-1*	kg	6037	5555	5892	5317	5535	5070
	lb	13,306	12,242	12,986	11,719	12,199	11,173
Tipping Load – Full Turn ISO 14397-1*	kg	5060	4592	4909	4363	4601	4150
	lb	11,151	10,120	10,819	9,615	10,141	9,146
Breakout Force	kg	6147	5634	6339	5520	5185	4719
	lb	13,548	12,418	13,971	12,167	11,426	10,400
Operating Weight	kg	14 529	14 957	14 832	15 252	14 791	15 210
	lb	32,021	32,965	32,690	33,615	32,600	33,523

*Full compliance to ISO 14397-1 (2007) Section 1 thru 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 (L-5) XMINE D2 tires.

High Dump Buckets

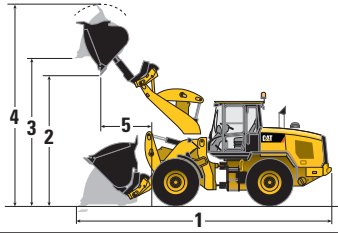
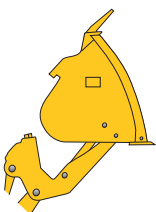
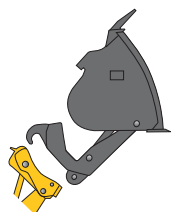
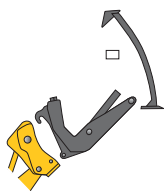
Operating Specifications with High Dump Buckets

							
930M 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
Bucket Width	mm	2728	3032	2728	3032	2728	3032
	ft/in	8'11"	9'11"	8'11"	9'11"	8'11"	9'11"
Nominal Material Density	kg/m ³	914	585	886	573	840	543
	lb/yd ³	1533	992	1485	971	1409	920
1 Length: Overall	mm	7885	8082	7957	8154	8154	8352
	ft/in	25'10"	26'6"	26'1"	26'9"	26'9"	27'4"
2 Dump Clearance: Full Lift Rolled Out	mm	4287	4134	4367	4218	4558	4411
	ft/in	14'0"	13'6"	14'3"	13'10"	14'11"	14'5"
3 Clearance: Level bucket	mm	4627	4467	4644	4682	4884	4869
	ft/in	15'2"	14'7"	15'2"	15'4"	16'0"	15'11"
4 Height: Overall	mm	6333	6330	6350	6545	6590	6732
	ft/in	20'9"	20'9"	20'9"	21'5"	21'7"	22'1"
5 Reach: Full Lift Rolled Out	mm	1404	1507	1436	1547	1539	1652
	ft/in	4'7"	4'11"	4'8"	5'0"	5'0"	5'5"
Tipping Load – Straight ISO 14397-1*	kg	9091	8394	8842	8246	8400	7827
	lb	20,037	18,501	19,486	18,173	18,513	17,249
Tipping Load – Full Turn ISO 14397-1*	kg	7679	7025	7440	6872	7059	6511
	lb	16,923	15,482	16,396	15,146	15,557	14,350
Breakout Force	kg	8540	7313	8347	7164	7239	6232
	lb	18,822	16,118	18,395	15,788	15,954	13,735
Operating Weight	kg	15,254	15,694	15,555	15,985	15,514	15,944
	lb	33,619	34,588	34,283	35,231	34,193	35,140
930M 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
Bucket Width	mm	2728	3032	2728	3032	2728	3032
	ft/in	8'11"	9'11"	8'11"	9'11"	8'11"	9'11"
Nominal Material Density	kg/m ³	646	405	617	390	591	373
	lb/yd ³	1083	687	1035	661	992	632
1 Length: Overall	mm	8691	8885	8759	8952	8957	9151
	ft/in	28'6"	29'1"	28'8"	29'4"	29'4"	30'0"
2 Dump Clearance: Full Lift Rolled Out	mm	4856	4700	4935	4783	5124	4974
	ft/in	15'11"	15'5"	16'2"	15'8"	16'9"	16'3"
3 Clearance: Level Bucket	mm	5200	5047	5217	5255	5454	5439
	ft/in	17'0"	16'6"	17'1"	17'2"	17'10"	17'10"
4 Height: Overall	mm	6906	6910	6923	7118	7160	7302
	ft/in	22'7"	22'8"	22'8"	23'4"	23'5"	23'11"
5 Reach: Full Lift Rolled Out	mm	1731	1831	1766	1872	1873	1982
	ft/in	5'8"	6'0"	5'9"	6'1"	6'1"	6'6"
Tipping Load – Straight ISO 14397-1*	kg	6521	5930	6272	5743	6018	5501
	lb	14,371	13,070	13,822	12,656	13,264	12,124
Tipping Load – Full Turn ISO 14397-1*	kg	5425	4864	5184	4676	4968	4470
	lb	11,955	10,720	11,425	10,305	10,949	9,852
Breakout Force	kg	8317	7110	8129	6967	7049	6060
	lb	18,331	15,670	17,915	15,355	15,535	13,355
Operating Weight	kg	15,486	15,926	15,787	16,218	15,746	16,176
	lb	34,130	35,100	34,795	35,743	34,705	35,651

*Full compliance to ISO 14397-1 (2007) Section 1 thru 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 (L-5) XMINE D2 tires.

Operating Specifications with High Dump Buckets

							
938M 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
Bucket Width	mm	3030	3032	3032	3032	3032	3032
	ft/in	9'11"	9'11"	9'11"	9'11"	9'11"	9'11"
Nominal Material Density	kg/m ³	1019	732	881	710	845	681
	120% Fill Factor lb/yd ³	1705	1241	1475	1203	1414	1154
1 Length: Overall	mm	8015	8135	8098	8217	8285	8405
	ft/in	26'3"	26'8"	26'6"	26'11"	27'2"	27'6"
2 Dump Clearance: Full Lift Rolled Out	mm	4299	4206	4389	4299	4574	4485
	ft/in	14'1"	13'9"	14'4"	14'1"	15'0"	14'8"
3 Clearance: Level bucket	mm	4682	4682	4760	4760	4939	4939
	ft/in	15'4"	15'4"	15'7"	15'7"	16'2"	16'2"
4 Height: Overall	mm	6402	6545	6481	6623	6640	6802
	ft/in	21'0"	21'5"	21'3"	21'8"	21'9"	22'3"
5 Reach: Full Lift Rolled Out	mm	1468	1543	1509	1588	1605	1685
	ft/in	4'9"	5'0"	4'11"	5'2"	5'3"	5'6"
Tipping Load – Straight ISO 14397-1*	kg	11 907	10 471	10 367	10 199	9941	9787
	lb	26,242	23,078	22,848	22,479	21,909	21,570
Tipping Load – Full Turn ISO 14397-1*	kg	10 028	8787	8673	8517	8312	8168
	lb	22,102	19,367	19,115	18,770	18,319	18,001
Breakout Force	kg	9512	8490	8935	8226	7828	7244
	lb	20,965	18,711	19,693	18,130	17,253	15,965
Operating Weight	kg	17 750	17 849	18 163	18 262	18 063	18 162
	lb	39,120	39,339	40,030	40,249	39,809	40,029
938M 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
Bucket Width	mm	3030	3032	3032	3032	3032	3032
	ft/in	9'11"	9'11"	9'11"	9'11"	9'11"	9'11"
Nominal Material Density	kg/m ³	688	501	594	476	575	461
	120% Fill Factor lb/yd ³	1151	850	995	808	963	782
1 Length: Overall	mm	8764	8884	8842	8962	9031	9151
	ft/in	28'9"	29'1"	29'0"	29'4"	29'7"	30'0"
2 Dump Clearance: Full Lift Rolled Out	mm	4846	4750	4934	4841	5116	5025
	ft/in	15'10"	15'7"	16'2"	15'10"	16'9"	16'5"
3 Clearance: Level Bucket	mm	5235	5235	5313	5313	5490	5490
	ft/in	17'2"	17'2"	17'5"	17'5"	18'0"	18'0"
4 Height: Overall	mm	6956	7099	7034	7176	7190	7353
	ft/in	22'9"	23'3"	23'0"	23'6"	23'7"	24'1"
5 Reach: Full Lift Rolled Out	mm	1743	1815	1786	1863	1888	1966
	ft/in	5'8"	5'11"	5'10"	6'1"	6'2"	6'5"
Tipping Load – Straight ISO 14397-1*	kg	8142	7278	7113	6973	6887	6754
	lb	17,944	16,040	15,677	15,368	15,179	14,886
Tipping Load – Full Turn ISO 14397-1*	kg	6767	6018	5849	5717	5662	5536
	lb	14,913	13,263	12,891	12,600	12,479	12,202
Breakout Force	kg	9257	8115	8563	7878	7503	6938
	lb	20,401	17,886	18,872	17,363	16,536	15,290
Operating Weight	kg	17 648	17 747	18 061	18 160	17 961	18 060
	lb	38,895	39,114	39,805	40,024	39,585	39,804

*Full compliance to ISO 14397-1 (2007) Section 1 thru 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 (L-5) XMINE D2 tires.

High Dump Buckets

Bucket Selection for High Dump Buckets – Standard Lift

Material Type															Tip Load Full Turn*							
Fill Factor %				Mixed Plastics	Mixed, Semi Comp. Paper	Mixed, Semi Comp. Paper	Organic Yard Waste	MSW with Light C&D	Glass – Bottles and Jars	Organic Food Scraps	Organic – Mulch Wet	C&D – Bricks, Loose	MSW – Compacted	Glass – Semi Crushed	C&D – Mixed	C&D – Concrete Pieces	Fertilizer – Mixed	Loose Metal Scrap	Shredded Steel	Batteries		
				120%	120%	115%	120%	110%	115%	110%	120%	115%	110%	115%	110%	105%	110%	110%	105%		kg	lb
				380	500	620	740	860	980	1100	1220	1340	1460	1580							kg	lb
				(640)	(843)	(1,045)	(1,247)	(1,449)	(1,651)	(1,854)	(2,056)	(2,258)	(2,460)	(2,662)								
926M	Pin On	4.1	(4.1)	Log/Agg	115% 110% 105% 100%															7190	(15,850)	
				Heavy	115% 110% 105% 100%															6801	(14,994)	
		4.1	(5.4)	Log/Agg	115% 110% 100%															6693	(14,756)	
				Heavy	115% 110% 105% 100%															6308	(13,905)	
		5.0	(6.5)	Log/Agg	115% 110% 100%															6475	(14,274)	
				Heavy	115% 110% 105%															6095	(13,437)	
	Fusion	3.1	(4.1)	Log/Agg	115% 110% 105% 100%															7094	(15,640)	
				Heavy	115% 110% 105% 100%															6701	(14,773)	
		4.1	(5.4)	Log/Agg	115% 110% 105% 100%															6467	(14,256)	
				Heavy	115% 110% 105% 100%															6082	(13,409)	
		5.0	(6.5)	Log/Agg	115% 110% 100%															6319	(13,930)	
				Heavy	115% 110% 105% 100%															5937	(13,089)	
930M	Pin On	3.1	(4.1)	Log/Agg	115% 110% 105% 100%															8141	(17,947)	
				Heavy	115% 110% 105% 100%															7752	(17,090)	
				Standard	115% 110% 105% 100%															7286	(16,062)	
		4.1	(5.4)	Log/Agg	115% 110% 100%															7638	(16,838)	
				Heavy	115% 110% 105% 100%															7252	(15,988)	
				Standard	115% 110% 105% 100%															6789	(14,966)	
	5.0	(6.5)	Log/Agg	115% 110% 105% 100%															7405	(16,324)		
			Heavy	115% 110% 105% 100%															7025	(15,487)		
			Standard	115% 110% 105%															6569	(14,481)		
	Fusion	3.1	(4.1)	Log/Agg	115% 110% 105% 100%															8057	(17,762)	
				Heavy	115% 110% 105% 100%															7664	(16,895)	
		4.1	(5.4)	Log/Agg	115% 110% 105% 100%															7407	(16,329)	
Heavy				115% 110% 105% 100%															7023	(15,483)		
5.0		(6.5)	Log/Agg	115% 110% 100%															7254	(15,992)		
			Heavy	115% 110% 105% 100%															6872	(15,150)		
938M	Pin On	4.1	(5.4)	Log/Agg	115% 110% 105% 100%															10 439	(23,013)	
				Heavy	115% 110% 105% 100%															10 028	(22,108)	
				Standard	115% 110% 105% 100%															9524	(20,996)	
		5.0	(6.5)	Log/Agg	115% 110% 105% 100%															9156	(20,186)	
				Heavy	115% 110% 105% 100%															8787	(19,372)	
				Standard	115% 110% 105% 100%															8334	(18,372)	
	Fusion	3.1	(4.1)	Log/Agg	115% 110% 105% 100%															9726	(21,441)	
				Heavy	115% 110% 105% 100%															9345	(20,602)	
		4.1	(5.4)	Log/Agg	115% 110% 105% 100%															9045	(19,940)	
				Heavy	115% 110% 105% 100%															8673	(19,120)	
		5.0	(6.5)	Log/Agg	115% 110% 105% 100%															8887	(19,592)	
				Heavy	115% 110% 105% 100%															8517	(18,776)	

Bucket Selection for High Dump Buckets – High Lift

Material Type		Fill Factor %														Tip Load Full Turn*			
		Mixed Plastics	Semi Compacted MSW	Mixed, Semi Comp. Paper	Organic Yard Waste	MSW with Light C&D	Glass – Bottles and Jars	Organic Food Scraps	C&D – Much Wet	MSW – Loose	Glass – Compacted	Glass – Semi Crushed	C&D – Mixed	C&D – Concrete Pieces	Fertilizer – Mixed			Loose Metal Scrap	Shredded Steel
Fill Factor %		120%	120%	120%	115%	120%	110%	115%	110%	120%	115%	110%	110%	105%	110%	110%	105%	110%	
Counter-weight		kg/m ³	350	425	500	575	650	725	800	875	950	1025	1100					kg	lb
Counter-weight		lb/yd ³	(590)	(716)	(843)	(969)	(1,095)	(1,222)	(1,348)	(1,474)	(1,601)	(1,727)	(1,854)						
926M	Pin On	3.1 (4.1)	Log/Agg	115% 110% 105% 100%											5376	(11,852)			
			Heavy	115% 110% 105% 100%											5060	(11,154)			
		4.1 (5.4)	Log/Agg	115% 110% 105% 100%											4907	(10,817)			
			Heavy	115% 110% 105% 100%											4592	(10,123)			
		5.0 (6.5)	Log/Agg	115% 110% 105% 100%											4730	(10,427)			
			Heavy	115% 110% 105% 100%											4419	(9,743)			
	Fusion	3.1 (4.1)	Log/Agg	115% 110% 105% 100%											5229	(11,527)			
			Heavy	115% 110% 105% 100%											4909	(10,822)			
		4.1 (5.4)	Log/Agg	115% 110% 105% 100%											4676	(10,309)			
			Heavy	115% 110% 105% 100%											4363	(9,617)			
		5.0 (6.5)	Log/Agg	115% 110% 105% 100%											4543	(10,016)			
			Heavy	115% 110% 105% 100%											4232	(9,329)			
930M	Pin On	3.1 (4.1)	Log/Agg	Not Available											5502	(12,130)			
			Heavy	115% 110% 105% 100%											5136	(11,322)			
		4.1 (5.4)	Log/Agg	Not Available											5035	(11,100)			
			Heavy	115% 110% 105% 100%											4671	(10,297)			
		5.0 (6.5)	Log/Agg	Not Available											4864	(10,723)			
			Heavy	115% 110% 105% 100%											4504	(9,930)			
	Fusion	3.1 (4.1)	Log/Agg	Not Available											5349	(11,793)			
			Heavy	115% 110% 105% 100%											4803	(10,589)			
		4.1 (5.4)	Log/Agg	Not Available											4676	(10,308)			
			Heavy	115% 110% 105% 100%															
		5.0 (6.5)	Log/Agg	Not Available															
			Heavy	115% 110% 105% 100%															
938M	Pin On	4.1 (5.4)	Log/Agg	Not Available											6767	(14,917)			
			Heavy	Not Available											6018	(13,267)			
		5.0 (6.5)	Log/Agg	Not Available											6414	(14,140)			
			Heavy	Not Available											5849	(12,895)			
		3.1 (4.1)	Standard	115% 110% 105% 100%											5717	(12,603)			
			Standard	115% 110% 105% 100%															
	Fusion	4.1 (5.4)	Standard	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															
		5.0 (6.5)	Standard	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															
		3.1 (4.1)	Standard	115% 110% 105% 100%															
			Standard	115% 110% 105% 100%															

Supplemental Specifications

Optional Equipment

	926M				930M				938M			
	Operating weight		Tipping load – full turn with 3.0 m ³ (3.9 yd ³) Light Material Fusion bucket		Operating weight		Tipping load – full turn with 3.5 m ³ (4.6 yd ³) Light Material Fusion bucket		Operating weight		Tipping load – full turn with 4.2 m ³ (5.5 yd ³) Light Material Fusion bucket	
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb
Change with options removed:												
Counterweight, heavy group*	0	0	0	0	-320	-705	-492	-1,084	-320	-705	-480	-1,057
Guard, crankcase	-11	-23	-13	-28	-11	-23	-13	-29	-11	-24	-14	-30
Guard, power train lower	-77	-170	-66	-145	-77	-170	-67	-147	-68	-150	-59	-130
Guard, driveshaft	-44	-96	-11	-24	-44	-96	-11	-24	-45	-100	-12	-27
Guard, front window	-34	-74	-17	-37	-34	-74	-18	-39	-34	-74	-18	-39
Guard, power train side	-11	-24	-10	-22	-11	-24	-9	-19	-11	-24	-10	-22
Roading fenders	-18	-38	-22	-48	-18	-38	-23	-50	-18	-38	-23	-50
Secondary steer	-69	-151	-70	-154	-69	-151	-72	-158	-69	-151	-71	-156
Ride control	-49	-107	-25	-55	-49	-107	-26	-57	-49	-107	-26	-57
Guard, hitch	-22	-48	-14	-30	-22	-48	-14	-30	-22	-48	-14	-30
Guard, steering cylinder	-15	-33	-10	-22	-15	-33	-10	-22	-18	-39	-12	-26
Change with options added:												
Guard, rear waste gate	NA	NA	NA	NA	+264	+581	+456	+1,005	+284	+625	+478	+1,053
Guard, tilt cylinder	+47	+103	-3	-6	+48	+105	-3	-6	+48	+105	-4	-8

*Not compatible with solid tires.

Small Wheel Loaders Waste Handler Standard Equipment

Standard Equipment

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

POWER TRAIN

- 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)
 - Turbocharged and aftercooled
 - Filtered crankcase breather
 - Diesel particulate filter (Fit for Life)
- Coolant protection to -34°C (-29°F)
- 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
- Intelligent hydrostatic transmission
 - Power train modes
 - Directional shift aggressiveness
 - Rimpull control, adjust wheel torque
 - Creeper control, adjust ground speed
- Lubed for life driveshafts
- Parking brake, electric
- Wide spaced six fins per inch cooling package
- S·O·SSM sampling ports
- Throttle lock and maximum speed limiter

HYDRAULICS

- Automatic lift, lower and tilt kickouts
- Bucket and Fork Modes, adjustable in-cab
- Cylinder damping at kickout and end stops
- Fine Mode control in Fork Mode
- Hydraulic response setting
- 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
- Back-up alarm
- Emergency shutdown switch
- Heavy duty gear reduction starter
- Product Link PRO with trial subscription
- Remote jump start post
- Resettable main and critical function breakers

OPERATOR ENVIRONMENT

- 75 mm (3 in) retractable seat belt, with audible alarm and indicator
- Automatic temperature control
- Binder storage net
- Cab, enclosed and pressurized
- Cup holders
- External heated mirrors with lower parabolic
- Ground level cab door release

- Gauges
 - Digital hour meter, odometer, tachometer, ground speed and direction indicator
 - Engine coolant temperature gauge
 - Fuel and Diesel Exhaust Fluid level
 - 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 controls, adjustable
- Sliding glass on the side windows
- Column mounted multi function control – lights, wipers, turn signal
- Suspension seat, fabric
- Tilt and telescopic steering wheel
- Wet arm wiper/washer, front and rear

OTHER STANDARD EQUIPMENT

- Large-access enclosure doors
- Parallel lift loader linkage
- Recovery hitch with pin
- Remote mounted lubrication points
- Lockable compartments and enclosures

EU STANDARD EQUIPMENT

- Cab, deluxe
- Camera, rearview

Small Wheel Loaders Waste Handler Optional Equipment

Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

- Antifreeze/coolant, extended-life
- Auto lube, integrated in touch screen display
- Auxiliary flow, third and fourth function
- Axles, differential, limited slip, rear
- Axles, elevated breathers
- Beacon light, strobe
- Cab, deluxe (standard in Europe):
 - Automatic blower control
 - Electrically adjustable heated mirrors (2)
 - LED interior lighting
 - Touch screen display
- Ride control adjustable speed activation
- Preventative maintenance reminders
- Integrated help function (22 languages available)
- Sunscreen, front and rear
- Camera, rearview (standard in Europe)
- Cat Production Measurement (CPM) – fully integrated scale system, with optional printer that can print up to three copies of the weigh ticket
- Cold start package:
 - Ether starting aid, block heater and additional batteries 1,000 CCA (four in total)
- Coupler, (Fusion and ISO 23727)
- Debris packages
 - Low – standard six fins per inch package
 - Medium – reversing fan and Syklone precleaner
 - High – adds a sealed alternator to medium package
- Fenders (extended cover and full coverage)
- Guards
 - Power train, (lower, side, driveshaft and crankcase)
 - Windshield and lights
 - Cylinders, tilt and steering
- Lights, auxiliary, halogen or LED with engine compartment lights
- Rear Object Detection
- Radio packages:
 - Radio ready with Bluetooth
 - Radio, AM/FM with Bluetooth and clock
 - Radio, AM/FM with CD player deluxe, weatherband, Bluetooth and clock
- Seats:
 - Deluxe seat – fully adjustable fabric air suspension seat with high seat backrest
 - Premium seat – fully adjustable leather and fabric air suspension with high backrest and air lumbar support. Heated and cooled bottom cushion and backrest.
- Steering:
 - Dual mode and Secondary
- Tires:
 - Bias ply, 17.5, 20.5-25
 - Radial, 17.5, 20.5, 23.5, 550/65, 600/65, 650/65 R25
- Tire Pressure Monitoring (TPM) – fully integrated system with high and low pressure alerts
- Toolbox – 0.03 m³ (1.2 ft³) of undercab storage
- Work tools

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

AEHQ7877-01 (04-2017)
Replaces AEHQ7877

© 2017 Caterpillar
All rights reserved

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

CAT, CATERPILLAR, SAFETY.CAT.COM, their respective logos, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

VisionLink is a trademark of Trimble Navigation Limited, registered in the United States and in other countries.

