

# Small Wheel Loaders



## Waste Handler Arrangements



	926M Waste Handler	930M Waste Handler	938M Waste Handler
<b>Engine Model</b>	Cat® C7.1	Cat C7.1	Cat C7.1
<b>Maximum Rated Gross Power:</b>			
ISO 14396	114 kW (153 hp)	125 kW (168 hp)	140 kW (188 hp)
ISO 14396 (DIN)	116 kW (155 hp)	127 kW (170 hp)	142 kW (190 hp)
<b>Bucket Capacity</b>	3.0-5.0 m <sup>3</sup> (3.9-6.5 yd <sup>3</sup> )	3.0-5.0 m <sup>3</sup> (3.9-6.5 yd <sup>3</sup> )	3.0-5.0 m <sup>3</sup> (3.9-6.5 yd <sup>3</sup> )
<b>Full Turn Tip Load*</b>	7270 kg (16,027 lb)	8573 kg (18,900 lb)	9795 kg (21,594 lb)
	Not Available	9333 kg (21,000 lb)**	10 273 kg (22,648 lb)**
<b>Operating Weight</b>	14 068 kg (31,014 lb)	15 381 kg (33,908 lb)	17 258 kg (38,046 lb)
	Not Available	17 299 kg (38,137 lb)**	19 004 kg (41,895 lb)**

\*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 optional counterweights, waste guarding, rear waste gate, 80 kg (176 lb) operator and New Solid tires.

# 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 the Caterpillar patented quick loading Performance Series buckets and optimized Z-bar linkage which has been enhanced to maximize visibility. 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 the Caterpillar advanced 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 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 hydraulic 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.
- Improved 930M standard power mode comes with a 5% horsepower boost when compared to earlier M Series models.

### 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 engine provides more efficient, 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.

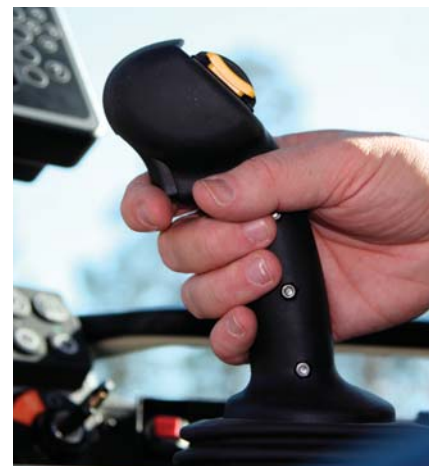
- **No downtime for regeneration** with a passive low temperature system that keeps you on the job.
- **Fit for Life Diesel Particulate Filter** that is designed to exceed the engine overhaul life.
- **Extended fluid fill intervals** with minimal use of Diesel Exhaust Fluid (DEF) with up to four fuel 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.



## Power to the Ground

Lock up and go with fully locking front differential axle 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** 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**, new ISO or Fusion Cast Couplers offer improved visibility of up to 100% when compared with previous plate style couplers.

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



## 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 the Caterpillar 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 and to significantly reduce operator fatigue and work tool or cutting edge wear.
- **Fine tune hydro-mechanical performance** with fully adjustable 3rd and 4th 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 III 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\* camera systems.
- **A heated and cooled seat** option for added comfort in a wide range of climates.

*\*Rear camera standard in Europe; Front camera may be required for local EU requirements. Consult your local Cat dealer for additional information.*





### 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 and multiple USB charging ports and AUX audio connectors.
- **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 the Caterpillar advanced 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 and DEF compartment lighting to illuminate the way for checking oil, and coolant level along with refueling the machine in dark conditions.

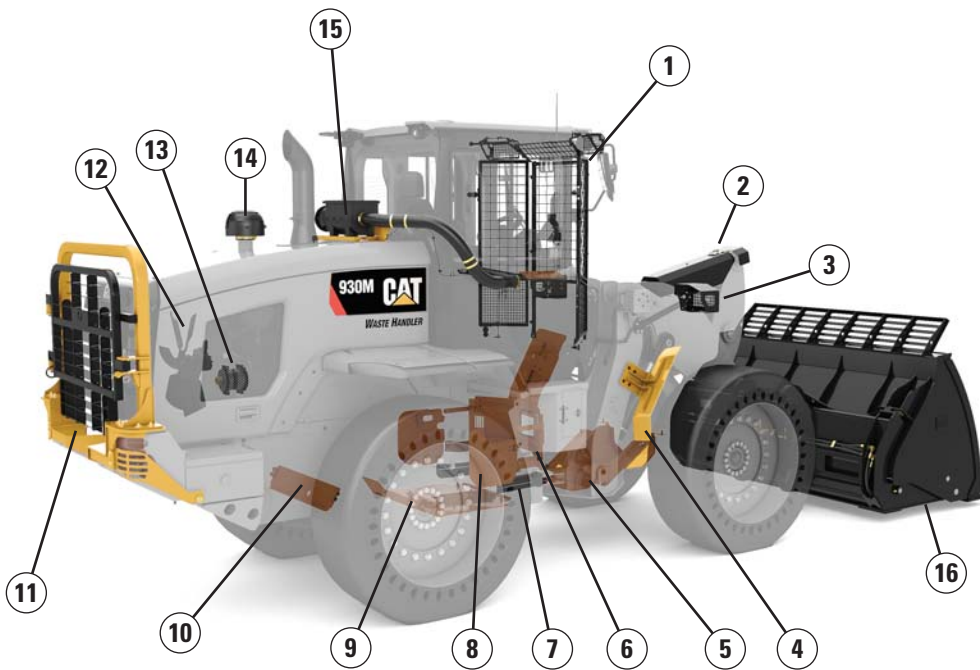


# Configured for Success

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 Cat dealer to configure yours.



### Guards:

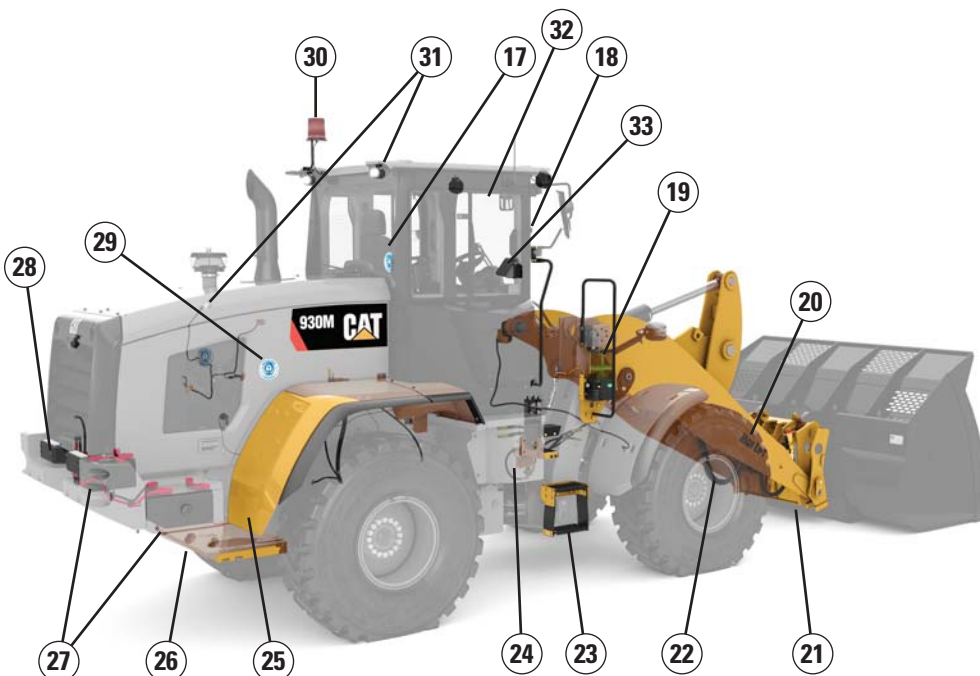
- 1) Windshield
- 2) Tilt cylinder
- 3) Lights
- 4) Fender deflectors
- 5) Drive shaft
- 6) Hitch
- 7) Steering cylinders
- 8) Side power train
- 9) Lower power train
- 10) Crank case
- 11) Rear radiator (930/938 only)

### 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 the Caterpillar 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 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	125	168	119	160	140	188	129	173
ISO 14396 (DIN)	116	155	110	148	127	170	121	162	142	190	131	176
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	122	163	116	156	137	183	127	170
ISO 9249 at Minimum Fan Speed	111	149	106	142	122	164	116	156	137	184	127	170
ISO 9249 (DIN) at Minimum Fan Speed	113	151	107	144	124	166	118	158	139	186	128	172
Maximum Gross Torque	<b>N-m</b>	<b>lbf-ft</b>	<b>N-m</b>	<b>lbf-ft</b>	<b>N-m</b>	<b>lbf-ft</b>	<b>N-m</b>	<b>lbf-ft</b>	<b>N-m</b>	<b>lbf-ft</b>	<b>N-m</b>	<b>lbf-ft</b>
ISO 14396	721	531	721	531	815	601	795	586	900	664	870	642
Maximum Net Torque	SAE J1349		ISO 9249:2007		SAE J1349		ISO 9249:2007		SAE J1349		ISO 9249:2007	
SAE J1349	694	511	694	511	797	588	777	573	880	649	850	627
ISO 9249:2007	702	517	702	517	796	587	776	572	882	650	852	628
Displacement	7.01 L		427 in <sup>3</sup>		7.01 L		427 in <sup>3</sup>		7.01 L		427 in <sup>3</sup>	
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	

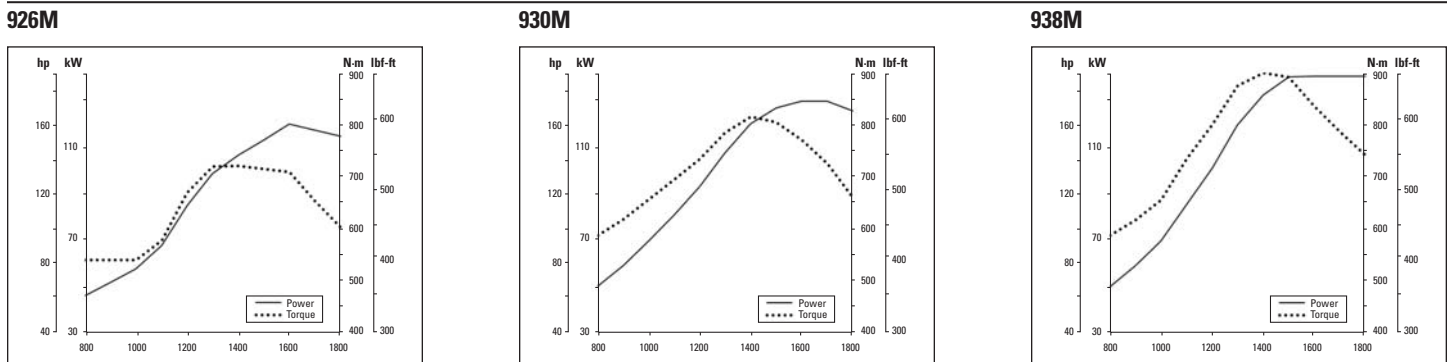
\*Range 4 power and torque is equal to Performance Mode with Caterpillar Power by Range technology.

\*\*The Cat C7.1 engine meets U.S. EPA Tier 4 Final/EU Stage IV off-highway emission standards.

\*\*\*The Cat C7.1 engine meets U.S. EPA Tier 4 Final/EU Stage V off-highway 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



## 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 and 4th 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	26 000 kPa	3,771 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	28 000 kPa	3,771 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



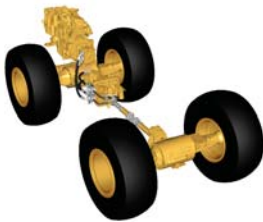
\* Creeper control allows maximum speed range adjustability from 1 km/h (0.6 mph) to 13 km/h (8 mph) in Range 1 through the touch screen display when equipped. Factory default is 7 km/h (4.4 mph).

	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.

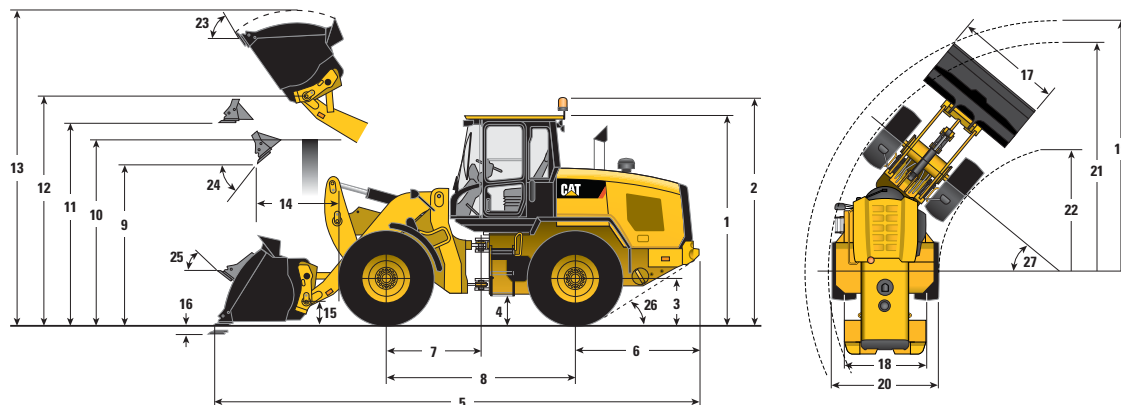
	926M	930M	938M
Front Axle	Fixed	Fixed	Fixed
Traction Aid*	Locking differential (standard)	Locking differential (standard)	Locking differential (standard)
Rear Axle	Oscillating	Oscillating	Oscillating
Oscillation Angle by Tire Size			
17.5 R25	± 13.5 degrees	—	—
20.5 R25, 550/65, 600/65, 650/65	± 10.5 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	11'1"	3375	11'1"	3375	11'1"	3375	11'1"	3375	11'1"	3375	11'1"
** 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	1'5"	432	1'5"	432	1'5"	421	1'5"
* 5 Length: Overall	7612	25'0"	7754	25'5"	7987	26'2"	8261	27'1"	8556	28'1"	8735	28'8"
6 Length: Rear Axle to Bumper	1953	6'5"	1993	6'6"	1968	6'5"	1953	6'5"	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	8'11"	2635	8'8"	2569	8'5"	3212	10'6"	3242	10'8"	3168	10'5"
** 10 Clearance: Load Over Height	3365	11'0"	3366	11'1"	3389	11'1"	3585	11'9"	3575	11'9"	3596	11'10"
** 11 Clearance: Level Bucket	3615	11'10"	3615	11'10"	3676	12'1"	4108	13'6"	4208	13'10"	4257	14'0"
** 12 Height: Bucket Pin	3942	12'11"	3942	12'11"	4004	13'2"	4435	14'7"	4535	14'11"	4585	15'1"
** 13 Height: Overall	5239	17'2"	5344	17'6"	5574	18'3"	5732	18'10"	5937	19'6"	6155	20'2"
* 14 Reach: Bucket at 45°	1073	3'6"	1146	3'9"	1309	4'4"	1329	4'4"	1487	4'11"	1603	5'3"
15 Carry Height: Bucket Pin	393	1'3"	393	1'3"	396	1'4"	587	1'11"	629	2'1"	617	2'0"
** 16 Dig Depth	65	2.6"	65	2.6"	66	2.6"	100	3.9"	100	3.9"	100	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	6'4"	1930	6'4"	2083	6'10"	1930	6'4"	1930	6'4"	2083	6'10"
19 Turning Radius: Over Bucket	6064	19'11"	6096	20'0"	6229	20'5"	6385	20'11"	6492	21'4"	6606	21'8"
20 Width: Over Tires	2540	8'4"	2540	8'4"	2693	8'10"	2540	8'4"	2540	8'4"	2693	8'10"
21 Turning Radius: Outside of Tires	5402	17'9"	5402	17'9"	5546	18'2"	5402	17'9"	5402	17'9"	5546	18'2"
22 Turning Radius: Inside of Tires	2851	9'4"	2851	9'4"	2843	9'4"	2851	9'4"	2851	9'4"	2843	9'4"
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	42°		42°		43°		47°		49°		48°	
26 Departure Angle	33°		33°		33°		33°		33°		33°	
27 Articulation Angle	40°		40°		40°		40°		40°		40°	
	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>
Operating Weight	13 950	30,754	15 316	33,764	17 346	38,239	14 229	31,368	15 601	34,392	17 672	38,960

\*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.

# 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	+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	-388	-856	+550	+1,212	-636	-1,401
Tipping Load – Full Turn	-336	-740	+496	+1,094	-529	-1,165
Operating Weight	-605	-1,335	+1462	+3,223	-385	-850

Solid tires are not endorsed or validated to be used on the 926M.

All 930M and 938M machines installed with solid tires are speed limited to 20 km/h (12.5 mph).

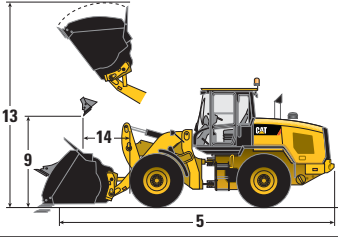
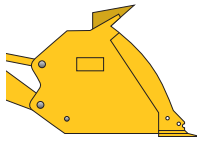

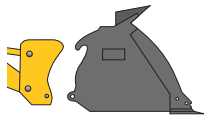
## Supplemental Operating Data – Tires on High Lift Linkage Machine

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	-301	-664	+427	+940	-493	-1,087
Tipping Load – Full Turn	-260	-574	+385	+849	-410	-904
Operating Weight	-605	-1,335	+1462	+3,223	-385	-850

Solid tires are not endorsed or validated to be used on the 926M.

All 930M and 938M machines installed with solid tires are speed limited to 20 km/h (12.5 mph).

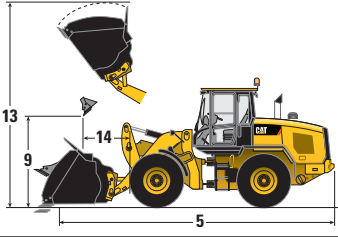
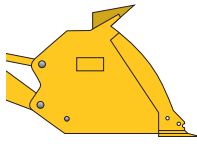

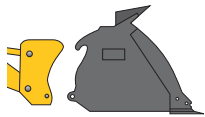
## Operating Specifications with Light Material Buckets

							
<b>926M Waste Handler Standard Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	3.5	4.2	3.5	4.2	3.5	4.2
	yd <sup>3</sup>	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 <sup>3</sup>	908	732	865	697	831	666
	120% Fill Factor lb/yd <sup>3</sup>	1,531	1,234	1,459	1,175	1,400	1,123
<b>9</b> Clearance: Full Lift 45° Dump	mm	2666	2545	2635	2515	2570	2399
	ft/in	8'9"	8'4"	8'8"	8'3"	8'5"	7'10"
<b>14</b> Reach: Full Lift 45° Dump	mm	1117	1237	1146	1266	1178	1298
	ft/in	3'8"	4'1"	3'9"	4'2"	3'10"	4'3"
<b>5</b> Length: Overall	mm	7672	7842	7714	7884	7804	7974
	ft/in	25'2"	25'9"	25'4"	25'10"	25'7"	26'2"
<b>13</b> Height: Overall	mm	5319	5480	5344	5506	5414	5581
	ft/in	17'5"	18'0"	17'6"	18'1"	17'9"	18'4"
Tipping Load – Straight ISO 14397-1*	kg	8916	8645	8533	8269	8194	7907
	lb	19,657	19,058	18,812	18,229	18,063	17,431
Tipping Load – Full Turn ISO 14397-1*	kg	7631	7381	7270	7026	6979	6713
	lb	16,823	16,272	16,026	15,490	15,387	14,800
Breakout Force	kg	7866	6877	7580	6645	7130	5987
	lb	17,340	15,160	16,712	14,648	15,719	13,198
Operating Weight	kg	13,720	13,850	14,068	14,198	13,992	14,155
	lb	30,247	30,533	31,014	31,300	30,847	31,206
<b>926M Waste Handler High Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	3.5	4.2	3.5	4.2	3.5	4.2
	yd <sup>3</sup>	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 <sup>3</sup>	680	547	640	514	621	495
	120% Fill Factor lb/yd <sup>3</sup>	1,147	921	1,080	866	1,046	834
<b>9</b> 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"
<b>14</b> 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"
<b>5</b> Length: Overall	mm	8321	8491	8363	8533	8447	8617
	ft/in	27'4"	27'10"	27'5"	28'0"	27'9"	28'3"
<b>13</b> 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	6741	6520	6389	6173	6192	5948
	lb	14,861	14,374	14,086	13,609	13,650	13,113
Tipping Load – Full Turn ISO 14397-1*	kg	5715	5510	5380	5179	5214	4986
	lb	12,600	12,146	11,860	11,417	11,496	10,992
Breakout Force	kg	7457	6512	7183	6289	6755	5664
	lb	16,438	14,357	15,835	13,865	14,891	12,486
Operating Weight	kg	13,999	14,128	14,347	14,476	14,271	14,434
	lb	30,861	31,147	31,628	31,914	31,460	31,820

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

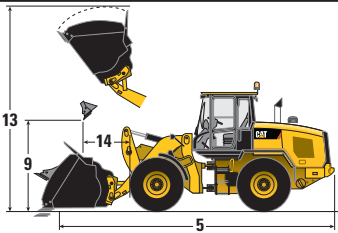
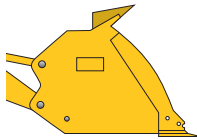

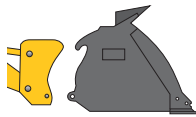
# Light Material Buckets

## Operating Specifications with Light Material Buckets

							
<b>930M Waste Handler Standard Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	3.8	5.0	3.8	5.0	3.5	5.0
	yd <sup>3</sup>	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 <sup>3</sup>	981	732	940	701	996	672
	120% Fill Factor lb/yd <sup>3</sup>	1,654	1,234	1,584	1,182	1,679	1,132
<b>9</b> 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"
<b>14</b> 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"
<b>5</b> Length: Overall	mm	7794	7882	7836	7924	7844	8085
	ft/in	25'7"	25'10"	25'8"	26'0"	25'9"	26'6"
<b>13</b> 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	10 520	10 347	10 119	9949	9866	9536
	lb	23,191	22,810	22,307	21,933	21,751	21,022
Tipping Load – Full Turn ISO 14397-1*	kg	8949	8786	8573	8413	8368	8059
	lb	19,729	19,369	18,900	18,547	18,447	17,766
Breakout Force	kg	10 544	9332	10 180	9034	9746	8192
	lb	23,246	20,572	22,442	19,916	21,485	18,059
Operating Weight	kg	15 034	15 177	15 381	15 523	15 240	15 463
	lb	33,142	33,459	33,909	34,221	33,596	34,088
<b>930M Waste Handler High Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	3.8	5.0	3.8	5.0	3.5	5.0
	yd <sup>3</sup>	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 <sup>3</sup>	703	522	666	494	714	478
	120% Fill Factor lb/yd <sup>3</sup>	1,185	880	1,122	832	1,204	806
<b>9</b> 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"
<b>14</b> 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"
<b>5</b> Length: Overall	mm	8595	8684	8637	8726	8639	8881
	ft/in	28'2"	28'6"	28'4"	28'8"	28'4"	29'2"
<b>13</b> 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	7617	7464	7259	7108	7161	6883
	lb	16,791	16,454	16,002	15,671	15,788	15,173
Tipping Load – Full Turn ISO 14397-1*	kg	6411	6264	6070	5926	6000	5736
	lb	14,132	13,809	13,382	13,065	13,227	12,645
Breakout Force	kg	10 281	9095	9924	8803	9499	7979
	lb	22,664	20,051	21,877	19,407	20,940	17,591
Operating Weight	kg	15 319	15 462	15 666	15 808	15 525	15 748
	lb	33,770	34,088	34,537	34,849	34,225	34,716

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

## Operating Specifications with Light Material Buckets

							
<b>938M Waste Handler Standard Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	4.2	5.0	4.2	5.0	4.2	5.0
	yd <sup>3</sup>	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 <sup>3</sup>	1016	853	972	814	937	786
	120% Fill Factor lb/yd <sup>3</sup>	1,712	1,437	1,638	1,371	1,580	1,325
<b>9</b> 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"
<b>14</b> 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"
<b>5</b> Length: Overall	mm	7935	7935	7987	7987	8066	8138
	ft/in	26'0"	26'0"	26'2"	26'2"	26'6"	26'8"
<b>13</b> 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	12 057	12 058	11 582	11 552	11 174	11 159
	lb	26,580	26,581	25,533	25,468	24,633	24,601
Tipping Load – Full Turn ISO 14397-1*	kg	10 237	10 234	9795	9763	9449	9431
	lb	22,567	22,561	21,594	21,523	20,832	20,792
Breakout Force	kg	10 305	10 266	9912	9857	9063	9018
	lb	22,717	22,633	21,851	21,731	19,981	19,881
Operating Weight	kg	16 965	17 012	17 346	17 423	17 258	17 318
	lb	37,400	37,503	38,239	38,410	38,046	38,178
<b>938M Waste Handler High Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	4.2	5.0	4.2	5.0	4.2	5.0
	yd <sup>3</sup>	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 <sup>3</sup>	747	626	709	591	690	577
	120% Fill Factor lb/yd <sup>3</sup>	1,260	1,056	1,194	997	1,163	973
<b>9</b> 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"
<b>14</b> 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"
<b>5</b> Length: Overall	mm	8683	8683	8735	8735	8809	8881
	ft/in	28'6"	28'6"	28'8"	28'8"	28'11"	29'2"
<b>13</b> 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	8959	8943	8543	8498	8319	8289
	lb	19,751	19,716	18,835	18,735	18,339	18,273
Tipping Load – Full Turn ISO 14397-1*	kg	7535	7517	7142	7096	6957	6925
	lb	16,610	16,572	15,746	15,644	15,336	15,266
Breakout Force	kg	9896	9858	9517	9462	8700	8655
	lb	21,817	21,733	20,980	20,859	19,179	19,080
Operating Weight	kg	17 292	17 339	17 672	17 750	17 585	17 645
	lb	38,120	38,224	38,960	39,130	38,767	38,898

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

# Light Material Buckets

## Bucket Selection for Light Material Buckets – Standard Lift

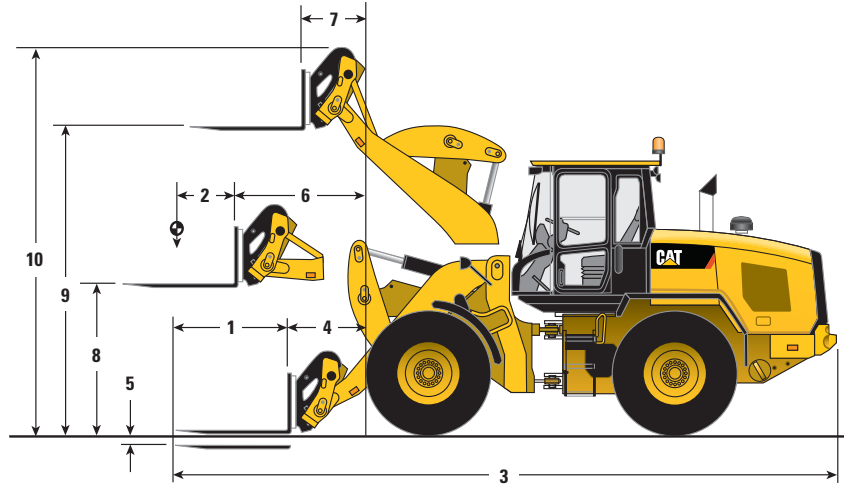
Material Type		Fill Factor %		Material Type												Tip Load Full Turn*			
				Msw with Light C&D	Organic Food Scraps	Glass – Bottles and Jars	Organic – Mulch Wet	C&D – Mixed	C&D – Bricks, Loose	Glass – Semi Crushed	C&D – Concrete Pieces	Fertilizer – Mixed	Loose Metal Scrap	Shredded Steel	Batteries			Coal/Incinerator Ash	Oil Field Sludge
926M	Pin On	m <sup>3</sup>	Counter-weight	kg/m <sup>3</sup>	380	500	620	740	860	980	1100	1220	1340	1460	1580	kg	lb		
		yd <sup>3</sup>	lb/yd <sup>3</sup>	(640)	(843)	(1,045)	(1,247)	(1,450)	(1,652)	(1,854)	(2,056)	(2,259)	(2,461)	(2,663)					
926M	Pin On	3.0	Log/Agg								115%	110%	105%	100%		8193	(18,062)		
			Heavy							115%	110%	105%	100%		7775	(17,141)			
		4.2	Log/Agg						115%	110%	105%	100%					7790	(17,174)	
			Heavy						115%	110%	105%	100%					7381	(16,272)	
		5.0	Log/Agg					115%	110%	100%							7751	(17,087)	
			Heavy					115%	110%	100%							7341	(16,184)	
	Fusion	3.1	Log/Agg								115%	110%	105%	100%			7852	(17,309)	
			Heavy								115%	110%	105%	100%		7439	(16,400)		
		4.2	Log/Agg						115%	110%	105%	100%					7430	(16,380)	
			Heavy						115%	110%	105%	100%					7026	(15,490)	
		5.0	Log/Agg					115%	110%	105%							7391	(16,294)	
			Heavy					115%	110%	105%							6987	(15,402)	
930M	Pin On	3.0	Log/Agg									115%	110%	105%	100%		9657	(21,290)	
			Heavy										115%	110%	105%	100%	9249	(20,390)	
			Standard									115%	110%	105%	100%		8747	(19,283)	
		4.2	Log/Agg							115%	110%	105%	100%					9222	(20,331)
			Heavy							115%	110%	105%	100%					8823	(19,451)
			Standard							115%	110%	105%						8332	(18,368)
	5.0	Log/Agg							115%	110%	105%	100%						9186	(20,250)
		Heavy							115%	110%	105%	100%						8786	(19,369)
		Standard							115%	110%	105%	100%						8294	(18,284)
	Fusion	3.1	Log/Agg										115%	110%	105%	100%		9297	(20,496)
			Heavy										115%	110%	105%	100%		8894	(19,608)
		4.2	Log/Agg							115%	110%	105%	100%					8845	(19,498)
Heavy									115%	110%	105%	100%					8450	(18,629)	
5.0		Log/Agg							115%	110%	105%	100%						8808	(19,418)
		Heavy							115%	110%	105%	100%						8413	(18,547)
938M	Pin On	3.5	Log/Agg									115%	110%	105%	100%		10 939	(24,116)	
			Heavy									115%	110%	105%	100%		10 537	(23,229)	
			Standard									115%	110%	105%	100%		10 042	(22,138)	
		4.2	Log/Agg									115%	110%	105%	100%			10 633	(23,442)
			Heavy									115%	110%	105%	100%			10 237	(22,567)
			Standard									115%	110%	105%	100%			9749	(21,493)
	5.0	Log/Agg									115%	110%	105%	100%				10 631	(23,437)
		Heavy									115%	110%	105%	100%				10 234	(22,561)
		Standard									115%	110%	105%	100%				9745	(21,484)
	Fusion	3.5	Log/Agg										115%	110%	105%	100%		10 469	(23,080)
			Heavy										115%	110%	105%	100%		10 073	(22,207)
		4.2	Log/Agg									115%	110%	105%	100%			10 186	(22,455)
Heavy											115%	110%	105%	100%			9795	(21,594)	
5.0		Log/Agg									115%	110%	105%	100%				10 154	(22,386)
		Heavy									115%	110%	105%	100%				9763	(21,523)

## Bucket Selection for Light Material Buckets – High Lift

Material Type		Fill Factor %														Tip Load Full Turn*		
		115%	120%	115%	110%	115%	115%	110%	110%	110%	115%	115%	115%	105%	110%			
926M	Pin On	m <sup>3</sup>	Counter-weight	kg/m <sup>3</sup>	350	425	500	575	650	725	800	875	950	1025	1100	kg	lb	
		yd <sup>3</sup>	lb/yd <sup>3</sup>	(590)	(716)	(843)	(969)	(1,096)	(1,222)	(1,348)	(1,475)	(1,601)	(1,728)	(1,854)				
926M	Pin On	3.0	Log/Agg	Not Available												5839	(12,872)	
			Heavy								115%	110%	105%	100%				
		4.2	Log/Agg	Not Available													5510	(12,146)
			Heavy				115%	110%	105%	100%								
		5.0	Log/Agg	Not Available													5456	(12,029)
			Heavy		115%	110%	105%	100%										
	Fusion	3.1	Log/Agg	Not Available												5530	(12,191)	
			Heavy								115%	110%	105%	100%				
		4.2	Log/Agg	Not Available												5179	(11,417)	
			Heavy				115%	110%	105%	100%								
		5.0	Log/Agg	Not Available												5127	(11,302)	
			Heavy		115%	110%	105%	100%										
930M	Pin On	3.0	Log/Agg	Not Available												6643	(14,644)	
			Heavy									115%	110%	105%	100%			
		4.2	Log/Agg	Not Available												6255	(13,790)	
			Standard									115%	110%	105%	100%			
		5.0	Log/Agg	Not Available												6264	(13,809)	
			Heavy				115%	110%	105%	100%								
	Fusion	3.1	Log/Agg	Not Available												6326	(13,947)	
			Heavy									115%	110%	105%	100%			
		4.2	Log/Agg	Not Available												5974	(13,170)	
			Heavy				115%	110%	105%	100%								
		5.0	Log/Agg	Not Available												5926	(13,065)	
			Heavy		115%	110%	105%	100%										
938M	Pin On	3.5	Log/Agg	Not Available												7769	(17,127)	
			Heavy									115%	110%	105%	100%			
		4.2	Log/Agg	Not Available												7380	(16,269)	
			Standard									115%	110%	105%	100%			
		5.0	Log/Agg	Not Available												7517	(16,572)	
			Heavy				115%	110%	105%	100%								
	Fusion	3.5	Log/Agg	Not Available												7359	(16,223)	
			Heavy									115%	110%	105%	100%			
		4.2	Log/Agg	Not Available												7142	(15,746)	
			Heavy									115%	110%	105%	100%			
		5.0	Log/Agg	Not Available												7096	(15,644)	
			Heavy				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
<b>1</b> Fork Tine Length	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"	1524	5'0"
<b>2</b> Load Center	762	2'6"	762	2'6"	762	2'6"	762	2'6"	762	2'6"	762	2'6"
<b>3</b> Length: Overall	8242	27'1"	8282	27'2"	8344	27'4"	8886	29'2"	9078	29'9"	9086	29'10"
<b>4</b> Reach: Ground	1000	3'3"	1000	3'3"	1037	3'5"	1644	5'5"	1796	5'11"	1779	5'10"
<b>5</b> Dig Depth	91	3.6"	91	3.6"	90	3.5"	126	5.0"	126	5.0"	124	4.9"
<b>6</b> Reach: Level Arm	1606	5'3"	1606	5'3"	1655	5'5"	2129	7'0"	2259	7'5"	2262	7'5"
<b>7</b> Reach: Full Lift	804	2'8"	804	2'8"	852	2'10"	1041	3'5"	1125	3'8"	1118	3'8"
<b>8</b> Clearance: Level Arm	1759	5'9"	1759	5'9"	1795	5'11"	1759	5'9"	1759	5'9"	1795	5'11"
<b>9</b> Clearance: Full Lift	3660	12'0"	3660	12'0"	3723	12'3"	4153	13'7"	4252	13'11"	4304	14'1"
<b>10</b> Height: Overall	4970	16'4"	4970	16'4"	5034	16'6"	5463	17'11"	5563	18'3"	5615	18'5"
	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>	<b>kg</b>	<b>lb</b>
Tipping Load – Straight: ISO 14397-1*	6293	13,874	7539	16,620	8709	19,199	5066	11,169	5840	12,875	6907	15,226
Tipping Load – Full Turn: ISO 14397-1*	5384	11,869	6417	14,148	7402	16,318	4294	9,467	4921	10,848	5818	12,826
Operating Weight	13 717	30,240	14 964	32,990	16 865	37,179	13 995	30,854	15 249	33,618	17 192	37,900
Rated Load (% of Full Turn Tip):												
50% of tip: SAE J1197**	2692	5,935	3209	7,074	3701	8,159	2147	4,733	2460	5,424	2909	6,413
60% of tip: Rough Terrain EN474-3**	3230	7,122	3850	8,489	4441	9,791	2576	5,680	2952	6,509	3491	7,695
80% of tip: Firm and level EN474-3**	4307	9,495	5134	11,318	5922	13,054	3435	7,573	3937	8,678	4654	10,261

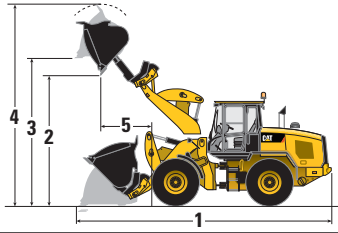
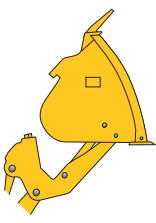
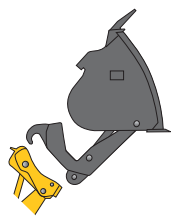
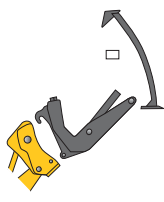
\*Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculation and testing.

\*\*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

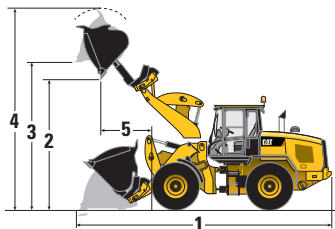
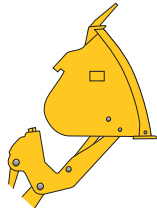
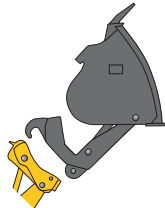
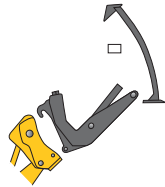
							
<b>926M Waste Handler Standard Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	3.0	4.1	3.0	4.1	3.0	4.1
	yd <sup>3</sup>	4.0	5.4	3.9	5.4	3.9	5.4
Bucket Width	mm	2528	3032	2528	3032	2528	3032
	ft/in	8'4"	9'11"	8'4"	9'11"	8'4"	9'11"
Nominal Material Density	kg/m <sup>3</sup>	921	630	917	608	854	577
	120% Fill Factor	lb/yd <sup>3</sup>	1,553	1,062	1,545	1,025	1,440
<b>1</b> Length: Overall	mm	7845	7922	7851	7994	8104	8181
	ft/in	25'9"	26'0"	25'9"	26'3"	26'7"	26'10"
<b>2</b> Dump Clearance: Full Lift Rolled Out	mm	4287	4228	4310	4309	4427	4493
	ft/in	14'1"	13'10"	14'2"	14'2"	14'6"	14'9"
<b>3</b> Clearance: Level bucket	mm	4627	4612	4641	4682	4778	4861
	ft/in	15'2"	15'2"	15'3"	15'4"	15'8"	15'11"
<b>4</b> Height: Overall	mm	6290	6333	6303	6403	6440	6562
	ft/in	20'8"	20'9"	20'8"	21'0"	21'2"	21'6"
<b>5</b> Reach: Full Lift Rolled Out	mm	1404	1433	1399	1468	1585	1566
	ft/in	4'7"	4'8"	4'7"	4'10"	5'2"	5'2"
Tipping Load – Straight ISO 14397-1*	kg	7888	7377	7803	7149	7288	6799
	lb	17,390	16,264	17,203	15,761	16,067	14,989
Tipping Load – Full Turn ISO 14397-1*	kg	6694	6201	6599	5982	6152	5679
	lb	14,758	13,671	14,548	13,188	13,563	12,521
Breakout Force	kg	6526	5999	6700	5850	5524	5044
	lb	14,386	13,225	14,770	12,896	12,178	11,120
Operating Weight	kg	14 159	14 588	14 448	14 867	14 410	14 829
	lb	31,214	32,159	31,850	32,776	31,768	32,692
<b>926M Waste Handler High Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	3.0	4.1	3.0	4.1	3.0	4.1
	yd <sup>3</sup>	4.0	5.4	3.9	5.4	3.9	5.4
Bucket Width	mm	2528	3032	2528	3032	2528	3032
	ft/in	8'4"	9'11"	8'4"	9'11"	8'4"	9'11"
Nominal Material Density	kg/m <sup>3</sup>	684	458	671	435	631	416
	120% Fill Factor	lb/yd <sup>3</sup>	1,154	772	1,130	734	1,063
<b>1</b> Length: Overall	mm	8497	8572	8500	8640	8754	8828
	ft/in	27'11"	28'1"	27'11"	28'4"	28'9"	29'0"
<b>2</b> Dump Clearance: Full Lift Rolled Out	mm	4727	4666	4750	4746	4858	4925
	ft/in	15'6"	15'4"	15'7"	15'7"	15'11"	16'2"
<b>3</b> Clearance: Level Bucket	mm	5077	5062	5092	5132	5218	5306
	ft/in	16'8"	16'7"	16'8"	16'10"	17'1"	17'5"
<b>4</b> Height: Overall	mm	6740	6783	6754	6852	6880	7007
	ft/in	22'1"	22'3"	22'2"	22'6"	22'7"	23'0"
<b>5</b> Reach: Full Lift Rolled Out	mm	1656	1682	1652	1721	1843	1828
	ft/in	5'5"	5'6"	5'5"	5'8"	6'1"	6'0"
Tipping Load – Straight ISO 14397-1*	kg	5935	5453	5796	5223	5463	4998
	lb	13,084	12,021	12,779	11,515	12,043	11,018
Tipping Load – Full Turn ISO 14397-1*	kg	4972	4505	4829	4284	4542	4090
	lb	10,962	9,932	10,645	9,443	10,012	9,017
Breakout Force	kg	6147	5634	6335	5516	5221	4754
	lb	13,552	12,422	13,965	12,161	11,511	10,481
Operating Weight	kg	14 437	14 866	14 726	15 146	14 689	15 108
	lb	31,828	32,773	32,464	33,389	32,382	33,306

\*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 XMINE D2 tires.

# High Dump Buckets

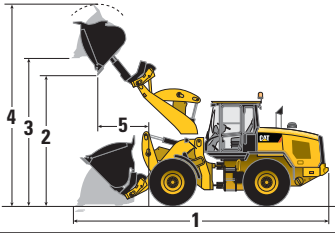
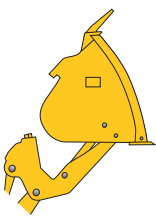
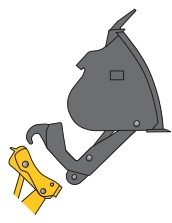
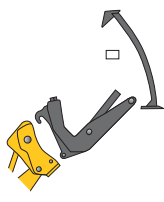
## Operating Specifications with High Dump Buckets

							
<b>930M Waste Handler Standard Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	3.5	5.0	3.5	5.0	3.5	5.0
	yd <sup>3</sup>	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 <sup>3</sup>	951	611	923	599	880	570
	120% Fill Factor lb/yd <sup>3</sup>	1,603	1,030	1,556	1,009	1,483	961
<b>1</b> Length: Overall	mm	7885	8082	7957	8154	8144	8341
	ft/in	25'10"	26'6"	26'1"	26'9"	26'9"	27'4"
<b>2</b> Dump Clearance: Full Lift Rolled Out	mm	4287	4134	4367	4218	4551	4404
	ft/in	14'1"	13'7"	14'4"	13'10"	14'11"	14'5"
<b>3</b> Clearance: Level bucket	mm	4627	4467	4644	4682	4876	4861
	ft/in	15'2"	14'8"	15'3"	15'4"	16'0"	15'11"
<b>4</b> Height: Overall	mm	6333	6330	6350	6545	6582	6724
	ft/in	20'9"	20'9"	20'10"	21'6"	21'7"	22'1"
<b>5</b> Reach: Full Lift Rolled Out	mm	1404	1507	1436	1547	1533	1646
	ft/in	4'7"	4'11"	4'9"	5'1"	5'0"	5'5"
Tipping Load – Straight ISO 14397-1*	kg	9465	8759	9219	8618	8795	8217
	lb	20,866	19,310	20,325	19,000	19,389	18,114
Tipping Load – Full Turn ISO 14397-1*	kg	7991	7330	7756	7184	7391	6839
	lb	17,616	16,159	17,099	15,838	16,391	15,077
Breakout Force	kg	8919	7653	8714	7494	7621	6577
	lb	19,662	16,871	19,211	16,522	16,801	14,499
Operating Weight	kg	15,498	15,937	15,784	16,214	15,747	16,176
	lb	34,165	35,135	34,797	35,745	34,715	35,661
<b>930M Waste Handler High Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	3.5	5.0	3.5	5.0	3.5	5.0
	yd <sup>3</sup>	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 <sup>3</sup>	676	426	648	411	623	394
	120% Fill Factor lb/yd <sup>3</sup>	1,139	718	1,092	693	1,050	665
<b>1</b> Length: Overall	mm	8691	8885	8759	8952	8947	9141
	ft/in	28'6"	29'2"	28'9"	29'4"	29'4"	30'0"
<b>2</b> Dump Clearance: Full Lift Rolled Out	mm	4856	4700	4935	4783	5116	4966
	ft/in	15'11"	15'5"	16'2"	15'8"	16'9"	16'4"
<b>3</b> Clearance: Level Bucket	mm	5200	5047	5217	5255	5447	5432
	ft/in	17'1"	16'7"	17'1"	17'3"	17'10"	17'10"
<b>4</b> Height: Overall	mm	6906	6910	6923	7118	7153	7295
	ft/in	22'8"	22'8"	22'9"	23'4"	23'6"	23'11"
<b>5</b> Reach: Full Lift Rolled Out	mm	1731	1831	1766	1872	1866	1976
	ft/in	5'8"	6'0"	5'10"	6'2"	6'1"	6'6"
Tipping Load – Straight ISO 14397-1*	kg	6819	6224	6577	6045	6334	5814
	lb	15,034	13,720	14,500	13,327	13,963	12,817
Tipping Load – Full Turn ISO 14397-1*	kg	5675	5110	5441	4931	5234	4734
	lb	12,511	11,265	11,996	10,870	11,539	10,436
Breakout Force	kg	8688	7442	8488	7291	7423	6397
	lb	19,153	16,406	18,713	16,073	16,364	14,103
Operating Weight	kg	15,783	16,222	16,069	16,499	16,032	16,461
	lb	34,793	35,763	35,425	36,373	35,343	36,290

\*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 XMINE D2 tires.

## Operating Specifications with High Dump Buckets

							
<b>938M Waste Handler Standard Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	4.1	5.0	4.1	5.0	4.1	5.0
	yd <sup>3</sup>	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 <sup>3</sup>	1012	727	877	706	843	679
120% Fill Factor	lb/yd <sup>3</sup>	1,706	1,226	1,478	1,190	1,420	1,144
<b>1</b> Length: Overall	mm	8015	8135	8098	8217	8274	8394
	ft/in	26'4"	26'8"	26'7"	27'0"	27'2"	27'6"
<b>2</b> Dump Clearance: Full Lift Rolled Out	mm	4299	4206	4389	4299	4566	4477
	ft/in	14'1"	13'10"	14'5"	14'1"	15'0"	14'8"
<b>3</b> Clearance: Level bucket	mm	4682	4682	4760	4760	4931	4931
	ft/in	15'4"	15'4"	15'7"	15'7"	16'2"	16'2"
<b>4</b> Height: Overall	mm	6402	6545	6481	6623	6632	6794
	ft/in	21'0"	21'6"	21'3"	21'9"	21'9"	22'3"
<b>5</b> Reach: Full Lift Rolled Out	mm	1468	1543	1509	1588	1599	1679
	ft/in	4'10"	5'1"	4'11"	5'3"	5'3"	5'6"
Tipping Load – Straight ISO 14397-1*	kg	11 829	10 402	10 314	10 146	9917	9763
	lb	26,078	22,931	22,737	22,368	21,862	21,522
Tipping Load – Full Turn ISO 14397-1*	kg	9960	8726	8627	8471	8291	8146
	lb	21,956	19,236	19,018	18,674	17,378	17,959
Breakout Force	kg	9515	8492	8933	8224	8291	7292
	lb	20,976	18,721	19,693	18,130	17,378	16,076
Operating Weight	kg	17 631	17 731	18 015	18 114	17 932	18 031
	lb	38,869	39,089	39,715	39,934	39,532	39,751
<b>938M Waste Handler High Lift</b>		<b>Pin On</b>		<b>Fusion</b>		<b>ISO 23727</b>	
Rated Capacity	m <sup>3</sup>	4.1	5.0	4.1	5.0	4.1	5.0
	yd <sup>3</sup>	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 <sup>3</sup>	722	528	628	504	609	489
120% Fill Factor	lb/yd <sup>3</sup>	1,217	889	1,059	850	1,027	824
<b>1</b> Length: Overall	mm	8764	8884	8842	8962	9020	9140
	ft/in	28'9"	29'2"	29'0"	29'5"	29'7"	30'0"
<b>2</b> Dump Clearance: Full Lift Rolled Out	mm	4846	4750	4934	4841	5108	5017
	ft/in	15'11"	15'7"	16'2"	15'11"	16'9"	16'6"
<b>3</b> Clearance: Level Bucket	mm	5235	5235	5313	5313	5482	5482
	ft/in	17'2"	17'2"	17'5"	17'5"	18'0"	18'0"
<b>4</b> Height: Overall	mm	6956	7099	7034	7176	7183	7345
	ft/in	22'10"	23'3"	23'1"	23'7"	23'7"	24'1"
<b>5</b> Reach: Full Lift Rolled Out	mm	1743	1815	1786	1863	1882	1960
	ft/in	5'9"	5'11"	5'10"	6'1"	6'2"	6'5"
Tipping Load – Straight ISO 14397-1*	kg	8557	7659	7516	7374	7291	7156
	lb	18,864	16,885	16,569	16,256	16,073	15,776
Tipping Load – Full Turn ISO 14397-1*	kg	7107	6331	6183	6049	5996	5869
	lb	15,668	13,957	13,631	13,336	13,219	12,938
Breakout Force	kg	9259	8117	8561	7876	7555	6985
	lb	20,413	17,895	18,873	17,364	16,656	15,398
Operating Weight	kg	17 958	18 058	18 342	18 441	18 259	18 358
	lb	39,590	39,809	40,435	40,655	40,252	40,472

\*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		Material Type														Tip Load Full Turn*		
		MtSW with Light C&D	Organic Food Scraps	Glass – Bottles and Jars	Organic – Mulch Wet	C&D – Mixed	C&D – Bricks, Loose	Glass – Semi Crushed	C&D – Concrete Pieces	Fertilizer – Mixed	Loose Metal Scrap	Shredded Steel	Batteries	Coal/Incinerator Ash	Oil Field Sludge			
Fill Factor %		120%	115%	110%	115%	110%	110%	115%	115%	105%	110%	110%	105%	105%	110%	105%	110%	
Counter-weight		kg/m <sup>3</sup>	380	500	620	740	860	980	1100	1220	1340	1460	1580	kg	lb			
m <sup>3</sup>		380	500	620	740	860	980	1100	1220	1340	1460	1580	kg	lb				
yd <sup>3</sup>		(640)	(843)	(1,045)	(1,247)	(1,450)	(1,652)	(1,854)	(2,056)	(2,259)	(2,461)	(2,663)	kg	lb				
<b>926M</b>	Pin On	3.0 (4.0)	Log/Agg					115%	110%	105%	100%			7083	(15,614)			
			Heavy					115%	110%	105%	100%			6694	(14,758)			
		4.1 (5.4)	Log/Agg			115%	110%	105%	100%						6587	(14,521)		
			Heavy			115%	110%	105%	100%						6201	(13,671)		
		5.0 (6.5)	Log/Agg		115%	110%	105%	100%							6370	(14,043)		
			Heavy		115%	110%	105%	100%							5991	(13,207)		
	Fusion	3.0 (3.9)	Log/Agg					115%	110%	105%	100%			6992	(15,414)			
			Heavy					115%	110%	105%	100%			6599	(14,548)			
		4.1 (5.4)	Log/Agg			115%	110%	100%							6366	(14,035)		
			Heavy			115%	110%	100%							5982	(13,188)		
		5.0 (6.5)	Log/Agg		115%	110%	105%								6219	(13,711)		
			Heavy		115%	110%	105%								5838	(12,869)		
<b>930M</b>	Pin On	3.0 (4.0)	Log/Agg					115%	110%	105%	100%			8443	(18,614)			
			Heavy					115%	110%	105%	100%			8064	(17,778)			
			Standard					115%	110%	105%	100%			7597	(16,749)			
		4.1 (5.4)	Log/Agg			115%	110%	105%	100%						7938	(17,501)		
			Heavy			115%	110%	105%	100%						7562	(16,670)		
			Standard			115%	110%	105%	100%						7098	(15,649)		
	5.0 (6.5)	Log/Agg			115%	110%	100%							7700	(16,976)			
		Heavy			115%	110%	100%							7330	(16,159)			
		Standard			115%	110%	100%							6874	(15,153)			
	Fusion	3.0 (3.9)	Log/Agg					115%	110%	105%	100%			8369	(18,450)			
			Heavy					115%	110%	105%	100%			7985	(17,604)			
		4.1 (5.4)	Log/Agg			115%	110%	105%	100%						7712	(17,002)		
Heavy					115%	110%	105%	100%						7337	(16,175)			
5.0 (6.5)		Log/Agg			115%	110%	105%	100%						7557	(16,661)			
		Heavy			115%	110%	105%	100%						7184	(15,838)			
<b>938M</b>	Pin On	4.1 (5.4)	Log/Agg					115%	110%	105%	100%			10 370	(22,861)			
			Heavy					115%	110%	105%	100%			9960	(21,956)			
			Standard					115%	110%	105%	100%			9455	(20,844)			
		5.0 (6.5)	Log/Agg			115%	110%	105%	100%						9094	(20,049)		
			Heavy			115%	110%	105%	100%						8726	(19,236)		
			Standard			115%	110%	105%	100%						8272	(18,236)		
	Fusion	3.0 (3.9)	Log/Agg					115%	110%	105%	100%			9679	(21,337)			
			Heavy					115%	110%	105%	100%			9298	(20,498)			
		4.1 (5.4)	Log/Agg			115%	110%	105%	100%						8999	(19,838)		
			Heavy			115%	110%	105%	100%						8627	(19,018)		
		5.0 (6.5)	Log/Agg			115%	110%	105%	100%						8841	(19,490)		
			Heavy			115%	110%	105%	100%						8471	(18,674)		

## Bucket Selection for High Dump Buckets – High Lift

Material Type		Material Type													Tip Load Full Turn*	
		Organic Yard Waste MSW with Light C&D	Organic Food Scraps	Glass – Bottles and Jars	Organic – Mulch Wet	Organic – Mulch Wet	C&D – Mixed	C&D – Bricks, Loose	C&D – Bricks, Loose	Glass – Semi Crushed	C&D – Concrete Pieces	Fertilizer – Mixed				
Fill Factor %		115%	120%	115%	110%	115%	110%	110%	110%	115%	110%	115%	110%	105%	110%	110%
Counter-weight		kg/m³	350	425	500	575	650	725	800	875	950	1025	1100	kg	lb	
lb/yd³		(590)	(716)	(843)	(969)	(1,096)	(1,222)	(1,348)	(1,475)	(1,601)	(1,728)	(1,854)				
<b>926M</b>	<b>Pin On</b>	3.0 (4.0)	Log/Agg											5289	(11,659)	
			Heavy					115%		110%	105%	100%		4972	(10,962)	
		4.1 (5.4)	Log/Agg			115%	110%	105%	100%					4820	(10,626)	
			Heavy			115%	105%	100%						4505	(9,932)	
		5.0 (6.5)	Log/Agg			115%	105%	100%						4644	(10,239)	
			Heavy	115%	105%	100%								4334	(9,554)	
	<b>Fusion</b>	3.0 (3.9)	Log/Agg											5148	(11,349)	
			Heavy					115%	110%	105%	100%			4829	(10,645)	
		4.1 (5.4)	Log/Agg			115%	110%	105%	100%					4597	(10,134)	
			Heavy			115%	105%	100%						4284	(9,443)	
		5.0 (6.5)	Log/Agg			115%	105%	100%						4465	(9,843)	
			Heavy	115%	110%	100%								4153	(9,155)	
<b>930M</b>	<b>Pin On</b>	3.0 (4.0)	Log/Agg	Not Available												
			Heavy						115%	110%	105%	100%		5752	(12,681)	
			Standard						115%	110%	105%	100%		5386	(11,874)	
		4.1 (5.4)	Log/Agg	Not Available												
			Heavy			115%	110%	105%	100%					5284	(11,649)	
			Standard			115%	110%	105%	100%					4920	(10,846)	
	<b>Fusion</b>	5.0 (6.5)	Log/Agg	Not Available												
			Heavy			115%	110%	105%	100%					5110	(11,265)	
			Standard			115%	110%	105%	100%					4750	(10,472)	
		3.0 (3.9)	Log/Agg	Not Available												
			Heavy						115%	110%	105%	100%		5610	(12,367)	
		4.1 (5.4)	Log/Agg	Not Available												
	Heavy			115%	110%	105%	100%					5059	(11,153)			
	Standard			115%	105%	100%						4931	(10,870)			
<b>938M</b>	<b>Pin On</b>	4.1 (5.4)	Log/Agg	Not Available												
			Heavy						115%	110%	105%	100%		7107	(15,668)	
			Standard						115%	110%	105%	100%		6712	(14,798)	
		5.0 (6.5)	Log/Agg	Not Available												
			Heavy			115%	110%	105%	100%					6331	(13,957)	
			Standard			115%	110%	105%	100%					5968	(13,157)	
	<b>Fusion</b>	3.0 (3.9)	Log/Agg	Not Available												
			Heavy							115%	110%	105%	100%	6754	(14,890)	
		4.1 (5.4)	Log/Agg	Not Available												
			Heavy					115%	110%	105%	100%			6183	(13,631)	
		5.0 (6.5)	Log/Agg	Not Available												
			Heavy			115%	105%	100%						6049	(13,336)	

# Supplemental Specifications

## Optional Equipment

	926M				930M				938M			
	Operating weight		Tipping load – full turn with 3.0 m <sup>3</sup> (3.9 yd <sup>3</sup> ) Light Material Fusion bucket		Operating weight		Tipping load – full turn with 3.5 m <sup>3</sup> (4.6 yd <sup>3</sup> ) Light Material Fusion bucket		Operating weight		Tipping load – full turn with 4.2 m <sup>3</sup> (5.5 yd <sup>3</sup> ) Light Material Fusion bucket	
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb
<b>Change with options removed:</b>												
Counterweight, heavy group*	0	0	0	0	-320	-705	-492	-1,085	-320	-705	-480	-1,059
Guard, crankcase	-11	-23	-13	-29	-11	-23	-13	-29	-11	-24	-14	-30
Guard, power train lower	-77	-170	-68	-150	-77	-170	-67	-149	-68	-150	-59	-129
Guard, driveshaft	-44	-97	-12	-26	-44	-97	-12	-26	-45	-100	-12	-26
Guard, front window	-41	-90	-22	-48	-41	-90	-22	-48	-41	-90	-22	-48
Guard, power train side	-11	-24	-9	-20	-11	-24	-9	-19	-11	-24	-9	-19
Roading fenders	-18	-39	-23	-51	-18	-39	-23	-51	-18	-39	-23	-50
Secondary steer	-69	-152	-72	-159	-69	-152	-72	-158	-69	-152	-71	-156
Ride control	-49	-108	-26	-57	-49	-108	-26	-57	-49	-108	-26	-57
Guard, hitch	-22	-48	-14	-31	-22	-48	-14	-31	-22	-48	-14	-31
Guard, steering cylinder	-15	-33	-10	-23	-15	-33	-10	-23	-18	-40	-12	-27
<b>Change with options added:</b>												
Guard, rear waste gate	NA	NA	NA	NA	+264	+582	+456	+1,006	+284	+626	+478	+1,054
Guard, tilt cylinder	+39	+86	-3	-6	+39	+86	-3	-6	+43	+95	-3	-7

\*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 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  $-34^{\circ}\text{C}$  ( $-29^{\circ}\text{F}$ )
- 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·S<sup>SM</sup> 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)
- Camera, front view\*
- 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 and DEF compartment lights
- Lights, roading LED
- 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
  - Solid\*\*
- Tire Pressure Monitoring (TPM) – fully integrated system with high and low pressure alerts
- Toolbox – 0.03 m<sup>3</sup> (1.2 ft<sup>3</sup>) of undercab storage
- Work tools

\*May be required for local EU requirements.

\*\*Only available on 930M and 938M models.









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