910M, 914M, 918M

Compact Wheel Loaders

	910M	914M	918M
Engine Model*	Cat® C4.4 ACERT™	Cat C4.4 ACERT	Cat C4.4 ACERT
Maximum Rated Gross Power:			
ISO 14396	74 kW (100 hp)	74 kW (100 hp)	86 kW (115 hp)
DIN ISO 14396	74 kW (101 hp)	74 kW (101 hp)	86 kW (117 hp)
Bucket Capacity	1.3-1.9 m^3 (1.7-2.5 yd^3)	1.3-1.9 m^3 (1.7-2.5 yd^3)	1.3-1.9 m^3 (1.7-2.5 yd^3)
Full Turn Tip Load	5099 kg (11,237 lb)	5219 kg (11,503 lb)	5845 kg (12,883 lb)
Operating Weight	8257 kg (18,199 lb)	8720 kg (19,219 lb)	9489 kg (20,914 lb)

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

Making Your Choice Easy

Efficiently Powerful
Experience hybrid like fuel efficiency with an intelligent hydrostatic power train and industry leading fuel savings through a lower maximum engine speed. Power when you need it with Power-on-Demand technology that increases power when needed for improved speed up a grade.

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 so easy, with dedicated pumps for each system and a flow sharing implement valve. Simultaneously lift, steer and drive without compromise.

Enjoy All Day Comfort
Have a seat in the M Series Wheel Loader and enjoy excellent all around visibility, whisper quiet sound levels, and low-effort joystick controls while riding on a fully adjustable seat suspension.

Customize Your Experience
Meet your application requirements and individual preferences with Caterpillar's industry first adjustable power train and implement response settings. Fine tune machine performance with adjustments at your fingertips through the soft touch button keypad.

Configured for Success
A complete range of optional equipment gives you the versatility to configure an M Series Wheel Loader to be successful in your business.

Contents

The Cat 910M, 914M and 918M Wheel Loaders set the standard for productivity, fuel efficiency and operator comfort. The improved optimized Z-bar loader linkage delivers the quick loading performance of a traditional Z-bar with the parallelism and load handling capability of a toolcarrier. A high torque, lower speed Cat C4.4 ACERT engine works in concert with an intelligent hystat power train to deliver fuel efficiency as standard. Meets Tier 4 Final and Stage IV emission standards with a diesel oxidation catalyst designed to manage itself so you can concentrate on your work. Experience the new industry benchmark.

Efficiently Powerful

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

Intelligent Power Management

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

Maximize Fuel Efficiency

Eco Mode allows you to choose between maximum fuel efficiency and boosted hydraulic speed.

Eco Mode

- Enabled at the push of a button (Eco).
- Saves up to 5% fuel consumption compared to Standard Mode. Biggest gains seen during load and carry, snow removal and roading applications.
- Intelligent Hystat maintains maximum ground speed capability.

Standard Mode

- Boosts engine speed by over 20%.
- Increases hydraulic cycle times and productivity.
- Recommended when working on grades or in applications requiring hydro mechanical work tools.

Four Cylinders of Efficient Power

The Cat C4.4 ACERT engine provides cleaner, quieter operation while delivering superior performance and durability through a high torque design. The engine meets Tier 4 Final and Stage IV emission requirements with a clean emissions module that is designed to manage itself so you can concentrate on your work.

- **No downtime required** with a self-managing aftertreatment system that keeps you on the job.
- **Extended fluid fill intervals** with minimal use of Diesel Exhaust Fluid (DEF) also known as Adblue with up to twelve 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.

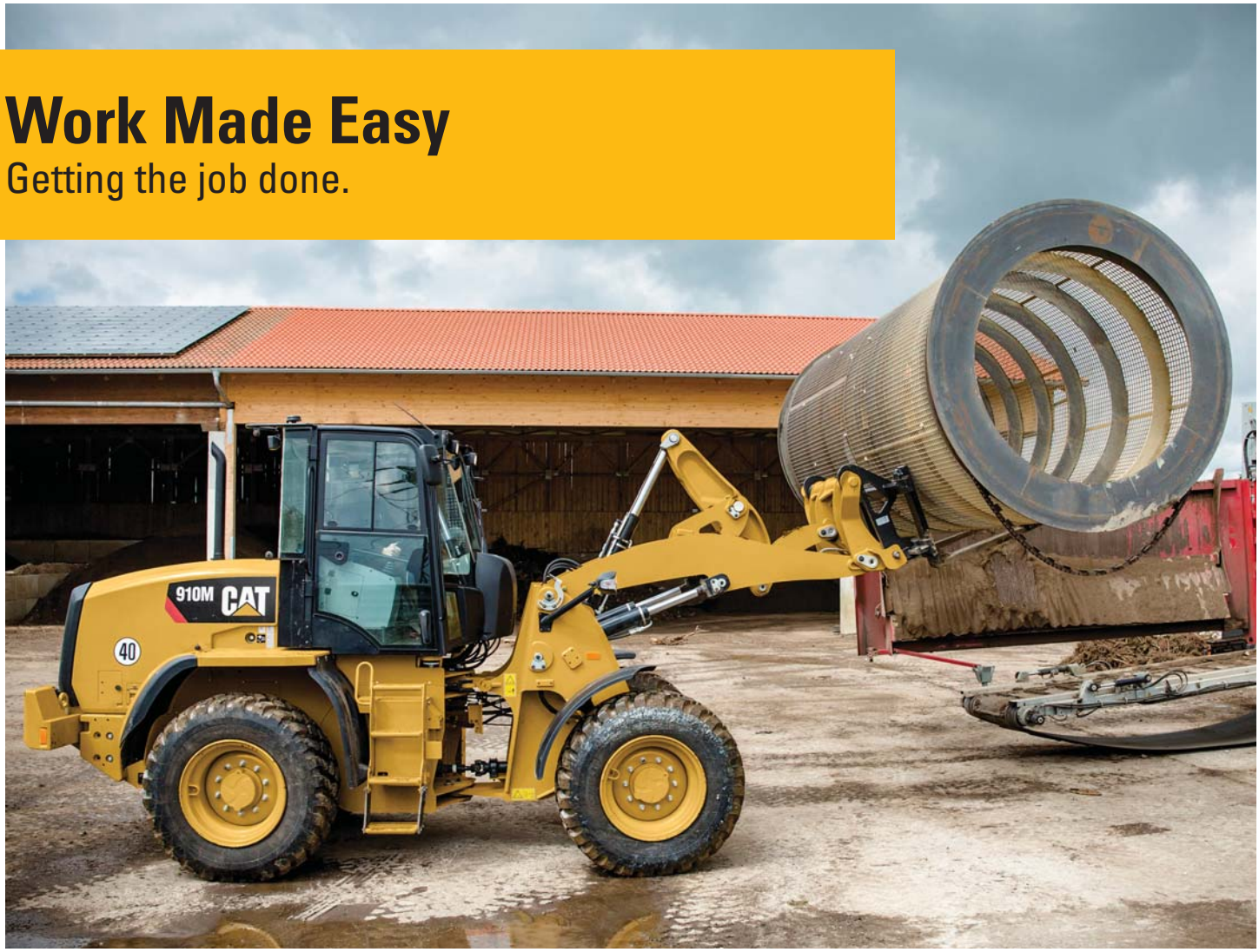
Power to the Ground

Lock up and go with fully locking front and rear differential axles that can be engaged on the move at full torque with the pull of a trigger on the multifunction joystick to keep you climbing.

Independent service brakes on front and rear axles provide robust stopping performance while a mechanical 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 toolcarrier capabilities for great performance and versatility.

- **Parallelism** functionality built into linkage geometry 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 full lift are maximized.
- **Lift higher and reach further** with optional High Lift linkage. Available on the 910M, 914M and 918M.

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.

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.

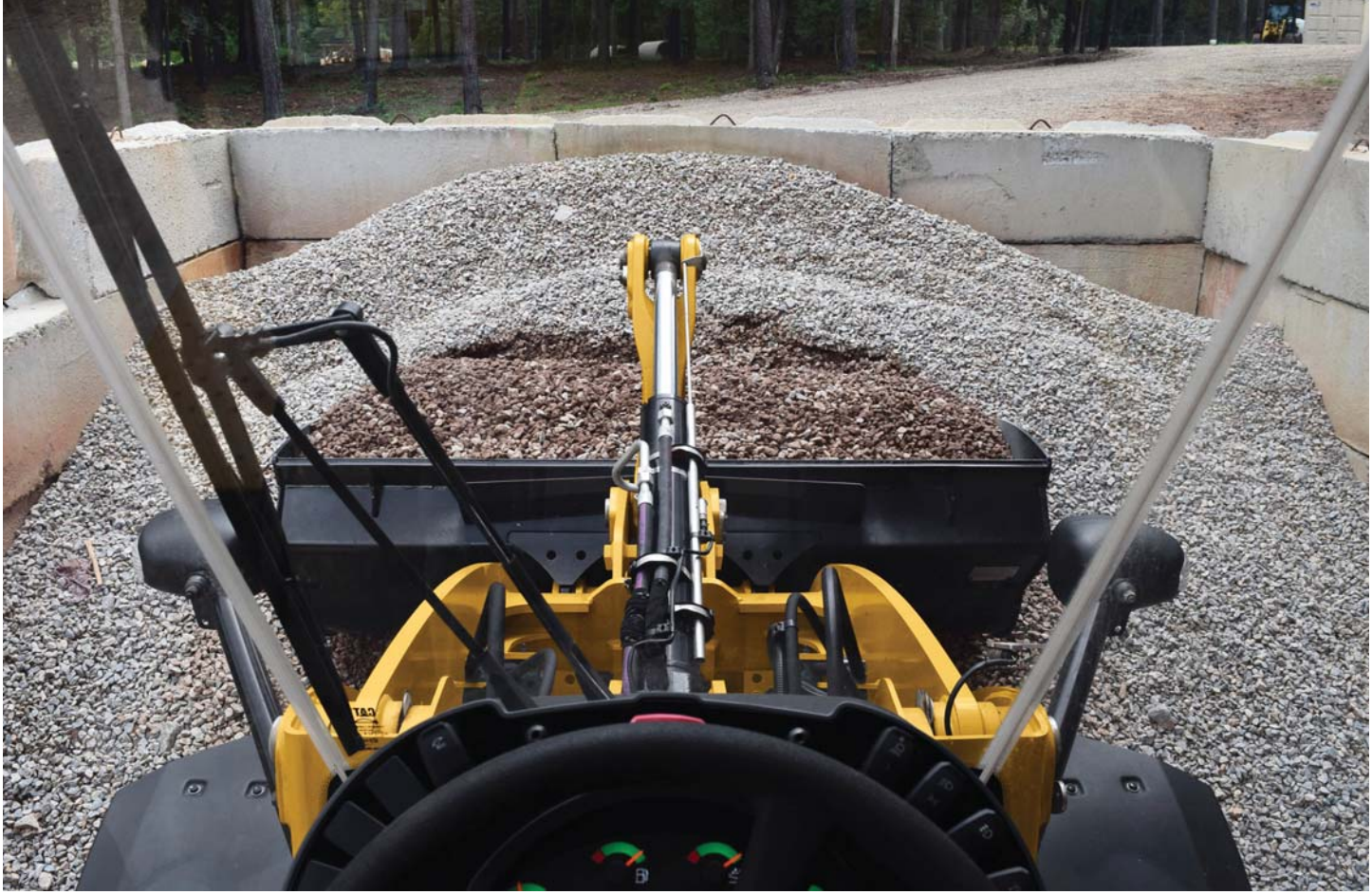
- **Multi-Function without compromise** through dedicated hydraulic systems featuring one pump for the Intelligent Hydrostatic drive, a second pump for the implements, and a third pump for the steering system. Drive, Lift and Steer simultaneously with smooth predictable control. The M Series simply does what you ask it to.
- **Programmable in-cab kick-outs** on the 918M are easy to set on the go for tilt and lift. This feature is ideal for applications where the work cycle is repeatable allowing you to quickly return to programed set points.
- **Effortless hydro-mechanical work tool operation** with creep control, throttle lock, and continuous flow. This allows the operator to lock in ground speed, engine speed, and auxiliary flow and focus only on steering the machine.

Enjoy All Day Comfort

Best seat on your job site.

Have a Seat and Experience:

- **Electro-hydraulic 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 a pillarless front windshield, internal and external mirrors, clean hydraulic lines routing, as well as in-line engine mounting for exceptional rear visibility.
- **Climate controlled cab** with heated rear glass and multiple air vents for a quick defrost.
- **Fully adjustable controls** including steering column, arm rest and seat suspension.
- **Information at a glance** with large LCD display on front console.
- **An extra eye on the job site** with optional (standard for Europe) rearview camera capability.
- **A heated seat** option for added comfort in cold weather climates.



Enjoy Coming to Work with:

- **A spacious, safe, quiet operator environment** featuring ergonomic controls and optional radio with an MP3 and USB port.
- **Quickly customizable machine operation** with the optional eight button keypad to allow real time adjustments to machine features.
- **Comfortable soft stops at cylinder end stroke** conditions and programmed 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.
- **Dual door access** allowing for easy entry in tight working conditions.

*Cylinder snubbing on 918M only.

Customizable Hydraulic Response

Easily customize the hydraulic performance through the keypad to optimize your efficiency.

- **Operator can tune the machine** for slower operation to do fine grading or faster operation such as high productivity agricultural applications.
- **Fully adjustable ride control** activation speed (through Electronic Technician – ET).
- **Control auxiliary work tool operation** with proportional 3rd and 4th function auxiliary flows via thumb rollers.

Customize Your Experience

Make it yours.

Work as one with your machine by easily adjusting the power train and hydraulics to meet your personal preferences or application requirements.

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 directional shift response** based on application and operator preference. This setting adjusts the rollout characteristics when shifting from Forward, Neutral, and Reverse.
- **Reduce tire wear** using rimpull control which enables you to match available tractive power to underfoot conditions.
- **Fine tune ground speed** when using work tools such as brooms, snow blowers and brush cutters with Creeper Control.

Machine Coded Start

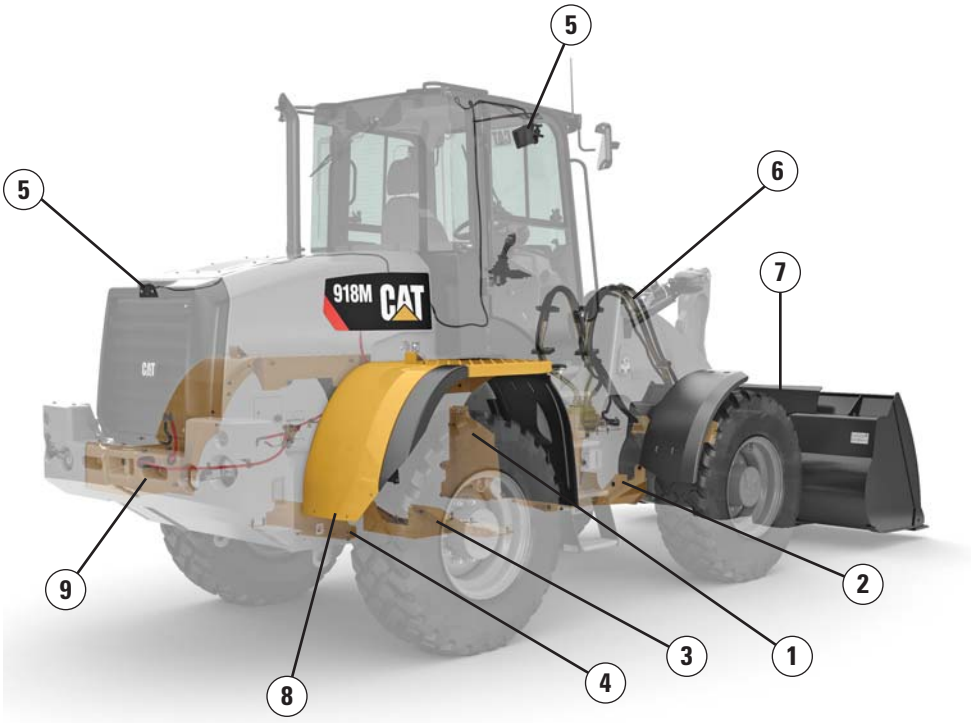
- The M Series Wheel Loaders offer an additional level of security with coded start option. This allows the owner to set up multiple four or six digit security codes that enable the machine to start.

Configured for Success

Ready to work for you.

The Way You Want It

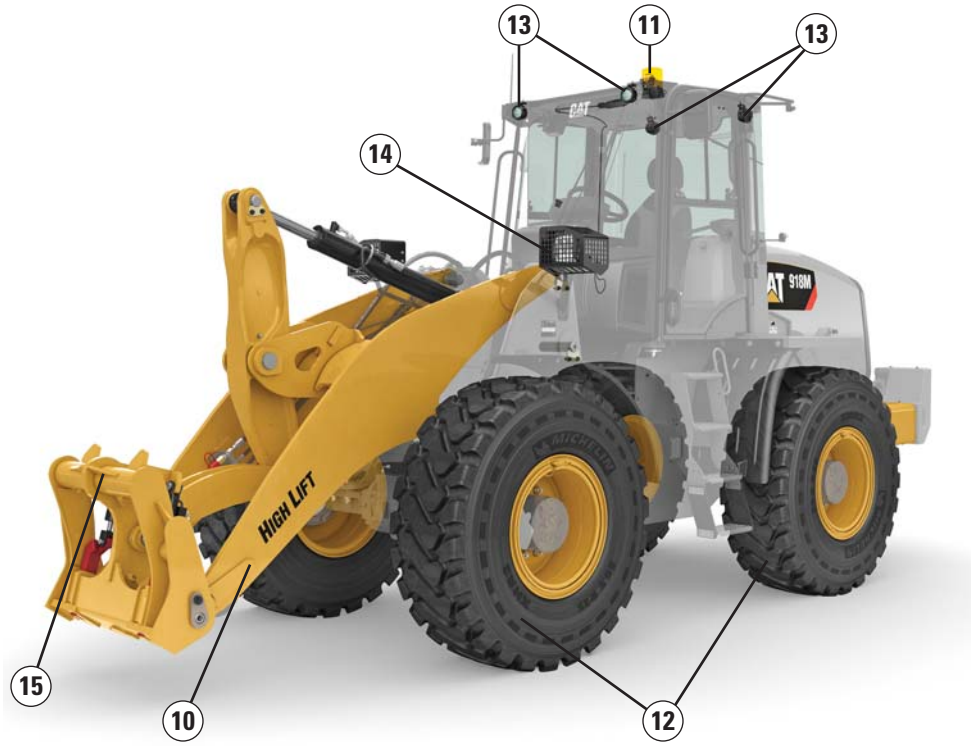
A variety of options are available on the Cat M Series Wheel Loaders to suit your specific application needs.



Options:

1) *Guard hitch*
2) *Guard driveshaft*
3) *Guard power train*
4) *Guard crankcase*
5) *Rearview camera with display**
6) *Auxiliary hydraulics: 3rd and 4th function*
7) *Front attachments*
8) *Fenders: standard or full coverage with mud flaps*
9) *Battery: standard or heavy duty*

**Standard equipment in Europe.*



Other Options:

10) *Linkage, Standard or High Lift*
11) *Beacon rotating*
12) *Tire, 15.5, 17.5 (20.5, 918M only)*
13) *Auxiliary lighting: LED or Halogen*
14) *Light guards*
15) *Coupler: IT, ISO and (Fusion™, 918M only)*

Service

Schedule your downtime to maximize your up time.

Get up and running quickly with ground level, daily service access. 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™** with subscription to VisionLink® to monitor your machine remotely.
- **Quick fuel filter service** with Caterpillar's exclusive electric fuel priming pump.
- **Extended cleanouts** with single plane cooling system and wide spaced eight fins per inch coolers as standard.
- **Easy battery terminal access** for jump starts.
- **Eco drain valve** avoids costly fluid spills when servicing the machine.

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 Wheel Loader and join the Caterpillar family.

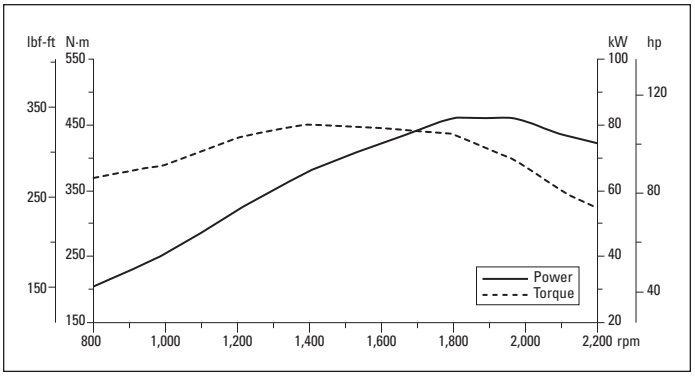
Engine

Cat C4.4 ACERT	910M		914M		918M	
Maximum Rated Gross Power						
Maximum Engine Speed	2,350 rpm		2,350 rpm		2,350 rpm	
SAE J1995	76 kW	102 hp	76 kW	102 hp	87 kW	117 hp
ISO 14396	74 kW	100 hp	74 kW	100 hp	86 kW	115 hp
DIN ISO 14396	74 kW	101 hp	74 kW	101 hp	86 kW	117 hp
Rated Net Power	2,200 rpm		2,200 rpm		2,200 rpm	
SAE J1349	72 kW	96 hp	72 kW	96 hp	83 kW	112 hp
ISO 9249	72 kW	97 hp	72 kW	97 hp	84 kW	113 hp
DIN ISO 9249	72 kW	98 hp	72 kW	98 hp	84 kW	114 hp
Maximum Gross Torque						
SAE J1995	455 N·m	336 lbf-ft	455 N·m	336 lbf-ft	504 N·m	372 lbf-ft
ISO 14396	450 N·m	332 lbf-ft	450 N·m	332 lbf-ft	500 N·m	369 lbf-ft
Maximum Net Torque						
SAE J1349	441 N·m	325 lbf-ft	441 N·m	325 lbf-ft	490 N·m	361 lbf-ft
ISO 9249	446 N·m	329 lbf-ft	446 N·m	329 lbf-ft	495 N·m	365 lbf-ft
Displacement	4.4 L	268 in³	4.4 L	268 in³	4.4 L	268 in³
Bore	105 mm	4.13 in	105 mm	4.13 in	105 mm	4.13 in
Stroke	127 mm	5 in	127 mm	5 in	127 mm	5 in

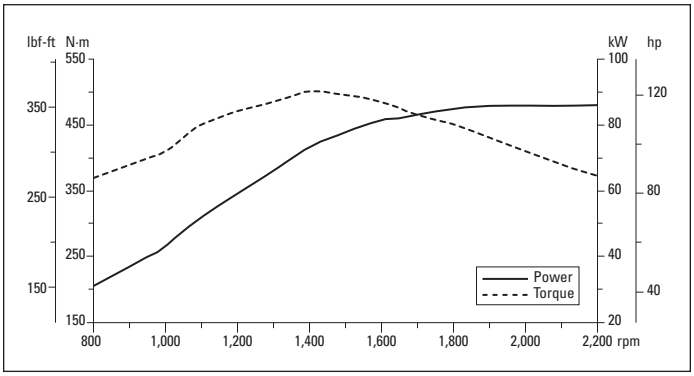
- Net power ratings are tested at the reference conditions for the specified standard.
- Net power advertised is the power available at the flywheel plus front drive implement pump when the engine is equipped with fan, air cleaner, muffler and alternator.
- The Cat C4.4 ACERT engine meets Tier 4 Final/Stage IV emission standards.

Engine Torque

910M/914M



918M



Cab

- ROPS: ISO 3471:2008.
- FOPS: ISO 3449:2005 Level II.
- The emission sound pressure level at operator's position per ISO 6369:2008 is 75 dB(A) with closed doors and windows and the cab properly installed and maintained.
- The labeled sound power level for the CE marked configurations when measured according to the test procedure and conditions specified in 2000/14/EC is 103 dB(A).

910M, 914M, 918M Compact Wheel Loader Specifications

Loader Hydraulic System

- 910M implement system is open center control with the use of a gear pump.
- 914M and 918M implement system uses a dedicated load sensing variable displacement pump.
- Loader linkage utilizes dual double acting lift cylinders and a single double acting tilt cylinder.

	910M		914M		918M	
Maximum Flow – Implement Pump	122 L/min	32 gal/min	148 L/min	39 gal/min	165 L/min	44 gal/min
3rd Function, Maximum Flow, Standard	90 L/min	24 gal/min	90 L/min	24 gal/min	95 L/min	25 gal/min
3rd Function, Maximum Flow, High	N/A	N/A	120 L/min	32 gal/min	150 L/min	40 gal/min
4th Function, Maximum Flow	90 L/min	24 gal/min	90 L/min	24 gal/min	95 L/min	25 gal/min
Maximum Working Pressure – Implement Pump	23 500 kPa	3,408 psi	28 000 kPa	4,061 psi	28 000 kPa	4,061 psi
Relief Pressure – Tilt Cylinder	34 000 kPa	4,931 psi	34 000 kPa	4,931 psi	32 000 kPa	4,641 psi
3rd and 4th Function Maximum Working Pressure	21 000 kPa	3,046 psi	21 000 kPa	3,046 psi	28 000 kPa	4,061 psi
3rd and 4th Function Relief Pressure	28 000 kPa	4,061 psi	28 000 kPa	4,061 psi	32 000 kPa	4,641 psi
Lift Cylinder: Double Acting						
Bore Diameter	100 mm	3.9 in	100 mm	3.9 in	110 mm	4.3 in
Rod Diameter	60 mm	2.4 in	60 mm	2.4 in	60 mm	2.4 in
Stroke	593 mm	23.3 in	593 mm	23.3 in	547 mm	21.5 in
Tilt Cylinder: Double Acting						
Bore Diameter	100 mm	3.9 in	100 mm	3.9 in	110 mm	4.3 in
Rod Diameter	60 mm	2.4 in	60 mm	2.4 in	65 mm	2.6 in
Stroke	578 mm	22.8 in	578 mm	22.8 in	556 mm	21.8 in
Cycle Times						
Raise (ground level to maximum lift)	5.2 seconds		5.2 seconds		4.8 seconds	
Dump (at maximum lift height)	1.4 seconds		1.4 seconds		1.8 seconds	
Rack Back	2.2 seconds		2.2 seconds		2.2 seconds	
Float Down (maximum lift to ground level)	3.7 seconds		3.7 seconds		2.7 seconds	
Total Cycle Time	12.5 seconds		12.5 seconds		11.5 seconds	

Power Train

- Differential lock can be engaged on the go at full torque up to 2.5 km/h (1.6 mph) and stays active up to 10 km/h (6.3 mph).

	910M	914M	918M
Front Axle	Fixed	Fixed	Fixed
Traction Aid**	Locking differential (std.)	Locking differential (std.)	Locking differential (std.)
Rear Axle	Oscillating	Oscillating	Oscillating
Oscillation	± 11°	± 11°	± 11°
Traction aid	Locking differential (std.)	Locking differential (std.)	Locking differential (std.)
Brakes			
Service	Inboard wet disc	Inboard wet disc	Inboard wet disc
Park	Cable applied, spring released	Cable applied, spring released	Cable applied, spring released

Steering

- 910M steering system used a gear pump with priority flow control.
- 914M and 918M steering system uses a dedicated load sensing variable displacement pump.
- Steering system utilizes dual double acting steering cylinders.

	910M		914M		918M	
Steering Articulation Angle (each direction)	40°		40°		40°	
Steering Cylinder: Double Acting						
Bore Diameter	60 mm	2.4 in	60 mm	2.4 in	60 mm	2.4 in
Rod Diameter	35 mm	1.4 in	35 mm	1.4 in	35 mm	1.4 in
Stroke	400 mm	15.7 in	400 mm	15.7 in	400 mm	15.7 in
Maximum Flow – Steering Pump	66 L/min	17 gal/min	82 L/min	22 gal/min	82 L/min	22 gal/min
Maximum Working Pressure – Steering Pump	18 500 kPa	2,683 psi	22 500 kPa	3,263 psi	20 000 kPa	2,901 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)						
At 2,350 rpm: 90 rpm Steering Wheel Speed	3.2 seconds		2.8 seconds		2.3 seconds	
Number of Steering Wheel Turns						
Full Left to Full Right or Full Right to Full Left	3.75 turns		3.75 turns		3.4 turns	

Transmission

* Creeper control allows for speed control from a stand still up to 10 km/h (6.3 mph). The Creeper Control will only work in Range 1.

	910M		914M		918M	
Forward and Reverse						
Low Range, Speed Range 1*	10 km/h	6.3 mph	10 km/h	6.3 mph	10 km/h	6.3 mph
Low Range, Speed Range 2	20 km/h	12.5 mph	20 km/h	12.5 mph	20 km/h	12.5 mph
High Range (optional)	40 km/h	25 mph	40 km/h	25 mph	40 km/h	25 mph

Service Refill Capacities

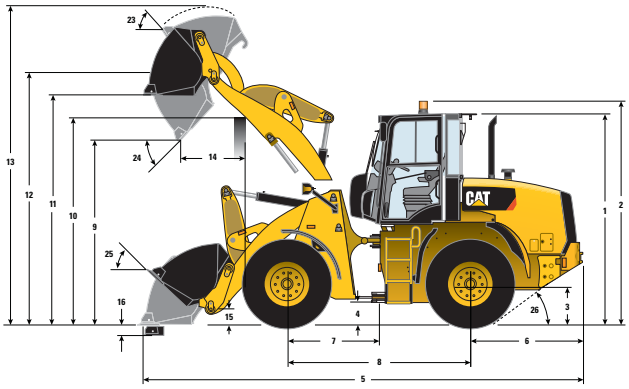
- DEF used in Cat Selective Catalyst Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241-1.

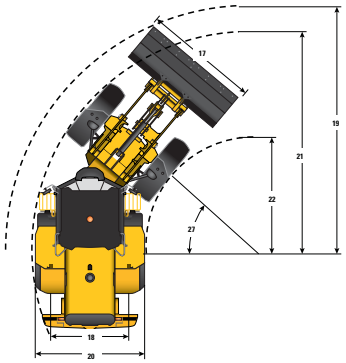
	910M		914M		918M	
Fuel Tank	154 L	40.7 gal	154 L	40.7 gal	154 L	40.7 gal
Cooling System	21.5 L	5.7 gal	21.5 L	5.7 gal	21.5 L	5.7 gal
Engine Crankcase	8.8 L	2.3 gal	8.8 L	2.3 gal	8.8 L	2.3 gal
Front Axles	7.5 L	2 gal	7.5 L	2 gal	12.5 L	3.3 gal
Rear Axles	7.5 L	2 gal	7.5 L	2 gal	12.5 L	3.3 gal
Hydraulic System (including tank)	98 L	25.9 gal	98 L	25.9 gal	98 L	25.9 gal
Hydraulic Tank	55 L	14.5 gal	55 L	14.5 gal	55 L	14.5 gal
Transmission	3.4 L	0.9 gal	3.4 L	0.9 gal	3.4 L	0.9 gal
Diesel Exhaust Fluid (DEF) Tank	18.9 L	5 gal	18.9 L	5 gal	18.9 L	5 gal

910M, 914M, 918M Compact Wheel Loader Specifications

Dimensions with Bucket

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





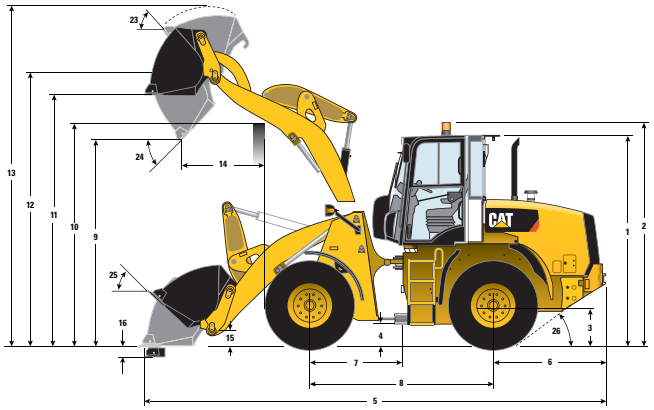
*Vary with bucket.
**Vary with tire.

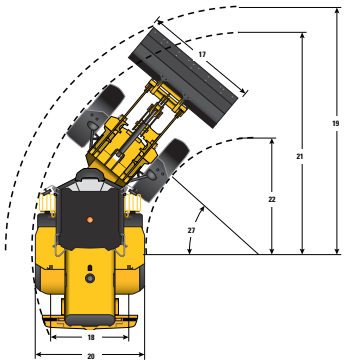
		Standard Lift					
		910M		914M		918M	
** 1	Height: Ground to Cab	3020 mm	9'10"	3093 mm	10'1"	3110 mm	10'2"
** 2	Height: Ground to Beacon	3210 mm	10'6"	3283 mm	10'9"	3300 mm	10'9"
** 3	Height: Ground Axle Center	600 mm	1'11"	640 mm	2'1"	640 mm	2'1"
** 4	Height: Ground Clearance	348 mm	1'1"	445 mm	1'5"	461 mm	1'6"
* 5	Length: Overall	6429 mm	21'1"	6495 mm	21'3"	6768 mm	22'2"
6	Length: Rear Axle to Bumper	1590 mm	5'2"	1606 mm	5'3"	1615 mm	5'3"
7	Length: Hitch to Front Axle	1300 mm	4'3"	1300 mm	4'3"	1350 mm	4'5"
8	Length: Wheel Base	2600 mm	8'6"	2600 mm	8'6"	2700 mm	8'10"
* 9	Clearance: Bucket at 45°	2709 mm	8'10"	2684 mm	8'9"	2754 mm	9'0"
** 10	Clearance: Load over Height	3284 mm	10'9"	3315 mm	10'10"	3381 mm	11'1"
** 11	Clearance: Level Bucket	3418 mm	11'2"	3446 mm	11'3"	3564 mm	11'8"
** 12	Height: Bucket Pin	3673 mm	12'0"	3701 mm	12'1"	3818 mm	12'6"
** 13	Height: Overall	4667 mm	15'3"	4765 mm	15'7"	4962 mm	16'3"
* 14	Reach: Bucket at 45°	909 mm	2'11"	933 mm	3'0"	1013 mm	3'3"
15	Carry Height: Bucket Pin	317 mm	1'0"	322 mm	1'0"	345 mm	1'1"
** 16	Dig Depth	117 mm	4.5"	90 mm	3.5"	60 mm	2.3"
17	Width: Bucket	2401 mm	7'10"	2401 mm	7'10"	2401 mm	7'10"
18	Width: Tread Center	1800 mm	5'10"	1800 mm	5'10"	1800 mm	5'10"
19	Turning Radius: Over Bucket	5239 mm	17'2"	5262 mm	17'3"	5445 mm	17'10"
20	Width: Over Tires	2259 mm	7'4"	2259 mm	7'4"	2259 mm	7'4"
21	Turning Radius: Outside of Tires	4716 mm	15'5"	4741 mm	15'6"	4877 mm	16'0"
22	Turning Radius: Inside of Tires	2446 mm	8'0"	2426 mm	7'11"	2563 mm	8'4"
23	Rack Angle at Full Lift	57°		57°		55°	
24	Dump Angle at Full Lift	47°		47°		47°	
25	Rack Angle at Carry	43°		41°		43°	
26	Departure Angle	33°		33°		33°	
27	Articulation Angle	40°		40°		40°	
Operating Weight		8318 kg	18,333 lb	8776 kg	19,342 lb	9565 kg	21,082 lb
Tires – Michelin		15.5 R25 (L2) XTLA		17.5 R25 (L2) XTLA		17.5 R25 (L2) XTLA	
	Pressure in Front Tires	3.8 bar	55 psi	3.5 bar	51 psi	3.5 bar	51 psi
	Pressure in Rear Tires	2.4 bar	35 psi	2.4 bar	35 psi	2.4 bar	35 psi

Unless otherwise noted, dimensions listed are for a machine configured with general purpose ISO buckets, bolt-on cutting edges, 80 kg (176 lb) operator, full fluids, and Michelin 15.5 R25 (L2) XTLA tires for 910M and Michelin 17.5 R25 (L2) XTLA tires for 914M and 918M.

Dimensions with Bucket

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





*Vary with bucket.
**Vary with tire.

		High Lift					
		910M		914M		918M	
** 1	Height: Ground to Cab	3020 mm	9'10"	3093 mm	10'1"	3110 mm	10'2"
** 2	Height: Ground to Beacon	3210 mm	10'6"	3283 mm	10'9"	3300 mm	10'9"
** 3	Height: Ground Axle Center	600 mm	1'11"	640 mm	2'1"	640 mm	2'1"
** 4	Height: Ground Clearance	348 mm	1'1"	445 mm	1'5"	461 mm	1'6"
* 5	Length: Overall	6882 mm	22'6"	6968 mm	22'10"	7222 mm	23'8"
6	Length: Rear Axle to Bumper	1590 mm	5'2"	1606 mm	5'3"	1615 mm	5'3"
7	Length: Hitch to Front Axle	1300 mm	4'3"	1300 mm	4'3"	1350 mm	4'5"
8	Length: Wheel Base	2600 mm	8'6"	2600 mm	8'6"	2700 mm	8'10"
* 9	Clearance: Bucket at 45°	3140 mm	10'3"	3105 mm	10'2"	3063 mm	10'0"
** 10	Clearance: Load over Height	3397 mm	11'1"	3429 mm	11'2"	3447 mm	11'3"
** 11	Clearance: Level Bucket	3774 mm	12'4"	3799 mm	12'5"	3852 mm	12'7"
** 12	Height: Bucket Pin	4030 mm	13'2"	4055 mm	13'3"	4106 mm	13'5"
** 13	Height: Overall	4955 mm	16'3"	5048 mm	16'6"	5250 mm	17'2"
* 14	Reach: Bucket at 45°	1100 mm	3'7"	1127 mm	3'8"	1244 mm	4'0"
15	Carry Height: Bucket Pin	448 mm	1'5"	455 mm	1'5"	470 mm	1'6"
** 16	Dig Depth	295 mm	11.6"	273 mm	10.7"	213 mm	8.3"
17	Width: Bucket	2401 mm	7'10"	2401 mm	7'10"	2401 mm	7'10"
18	Width: Tread Center	1800 mm	5'10"	1800 mm	5'10"	1800 mm	5'10"
19	Turning Radius: Over Bucket	5452 mm	17'10"	5484 mm	17'11"	5668 mm	18'7"
20	Width: Over Tires	2259 mm	7'4"	2259 mm	7'4"	2259 mm	7'4"
21	Turning Radius: Outside of Tires	4716 mm	15'5"	4741 mm	15'6"	4877 mm	16'0"
22	Turning Radius: Inside of Tires	2446 mm	8'0"	2426 mm	7'11"	2563 mm	8'4"
23	Rack Angle at Full Lift	60°		59°		47°	
24	Dump Angle at Full Lift	44°		44°		44°	
25	Rack Angle at Carry	49°		48°		46°	
26	Departure Angle	33°		33°		33°	
27	Articulation Angle	40°		40°		40°	
Operating Weight		8844 kg	19,491 lb	9116 kg	20,091 lb	9949 kg	21,927 lb
Tires – Michelin		15.5 R25 (L2) XTLA		17.5 R25 (L2) XTLA		17.5 R25 (L2) XTLA	
	Pressure in Front Tires	3.8 bar	55 psi	3.8 bar	55 psi	3.8 bar	55 psi
	Pressure in Rear Tires	2.4 bar	35 psi	2.4 bar	35 psi	2.4 bar	35 psi

Unless otherwise noted, dimensions listed are for a machine configured with general purpose ISO buckets, bolt-on cutting edges, 80 kg (176 lb) operator, full fluids, and Michelin 15.5 R25 (L2) XTLA tires for 910M and Michelin 17.5 R25 (L2) XTLA tires for 914M and 918M.

Bucket Specifications

910M Operating Specifications with Buckets

			General Purpose						
									High Lift
			Pin On	IT		ISO 23727		Floor	
	Capacity – Rated	m^3	1.4	1.3	1.5	1.3	1.5	1.5	—
		yd^3	1.8	1.7	2.0	1.7	2.0	2.0	—
	Capacity – Rated at 110% Fill Factor	m^3	1.5	1.4	1.6	1.4	1.6	1.6	—
		yd^3	2.0	1.8	2.1	1.8	2.1	2.1	—
17	Width: Bucket	mm	2401	2401	2401	2401	2401	2401	—
		ft/in	7'10"	7'10"	7'10"	7'10"	7'10"	7'10"	—
	Nominal Material Density 110% Fill Factor	kg/m^3	1707	1801	1554	1757	1516	1485	–98
		lb/yd^3	3,002	3,284	2,775	3,204	2,708	2,644	–179
9	Clearance: Full Lift, 45° Dump	mm	2846	2809	2747	2772	2709	2759	+379
		ft/in	9'4"	9'2"	9'0"	9'1"	8'10"	9'0"	+1'3"
14	Reach: Full Lift, 45° Dump	mm	759	820	867	863	909	970	+250
		ft/in	2'5"	2'8"	2'10"	2'9"	2'11"	3'2"	+10"
	Reach: 2130 mm (7'0") Clearance, 45° Dump	mm	1338	1380	1392	1403	1411	1502	+465
		ft/in	4'4"	4'6"	4'6"	4'7"	4'7"	4'11"	+1'6"
	Reach: Level Arm, Level Bucket	mm	2026	2092	2172	2149	2228	2227	+415
		ft/in	6'7"	6'10"	7'1"	7'0"	7'3"	7'3"	+1'5"
16	Dig Depth	mm	116	117	116	117	117	115	+178
		in	4.5"	4.6"	4.6"	4.6"	4.6"	4.5"	+7.1"
5	Length: Overall	mm	6226	6293	6373	6340	6429	6426	+533
		ft/in	20'5"	20'7"	20'10"	20'10"	21'1"	21'0"	+1'9"
13	Height: Overall	mm	4534	4563	4646	4559	4667	4675	+356
		ft/in	14'10"	14'11"	15'2"	15'1"	15'3"	15'4"	+1'2"
19	Turning Radius: Bucket at Carry	mm	5180	5199	5223	5216	5239	5239	+241
		ft/in	16'11"	17'0"	17'1"	17'1"	17'2"	17'2"	+10"
	Tipping Load – Straight, ISO 14397-1*	kg	6036	5972	5895	5833	5759	5658	–345
		lb	13,302	13,162	12,992	12,857	12,692	12,469	–759
	Tipping Load – Straight, Rigid Tire**	kg	6287	6221	6141	6077	5999	5894	–359
		lb	13,856	13,710	13,534	13,392	13,221	12,989	–792
	Tipping Load – Full Turn, ISO 14397-1*	kg	5121	5042	4971	4920	4852	4753	–336
		lb	11,286	11,113	10,957	10,844	10,693	10,475	–740
	Tipping Load – Full Turn, Rigid Tire**	kg	5448	5364	5289	5234	5161	5038	–357
		lb	12,007	11,822	11,656	11,536	11,375	11,103	–787
	Breakout Force	kgf	7326	6739	6156	6297	5785	5689	+59
		lbf	16,146	14,853	13,567	13,877	12,750	12,538	+132
	Operating Weight	kg	7917	8257	8297	8280	8318	8399	+565
		lb	17,450	18,199	18,286	18,248	18,333	18,510	+1,244

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

**Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Dimensions listed are for a 910M configured with bucket, bolt-on cutting edge, counterweights, additional guarding, 80 kg (176 lb) operator, and Michelin 15.5 R25 (L2) XTLA tires at a pressure of 3.75 bar (54 psi) in the front tires and 2.5 bar (36 psi) in the rear tires.

910M Operating Specifications with Buckets

			Light Material					High Lift
								
			Pin On	IT		ISO 23727		
	Capacity – Rated	m³	2.5	2.5	3.0	2.5	3.0	—
		yd³	3.3	3.3	3.9	3.3	3.9	—
	Capacity – Rated at 110% Fill Factor	m³	2.6	2.6	3.1	2.6	3.1	—
		yd³	3.4	3.4	4.1	3.4	4.1	—
17	Width: Bucket	mm	2549	2549	2549	2549	2549	—
		ft/in	8'4"	8'4"	8'4"	8'4"	8'4"	—
	Nominal Material Density 110% Fill Factor	kg/m³	927	909	759	867	716	–61
		lb/yd³	1,657	1,624	1,341	1,549	1,265	–109
9	Clearance: Full Lift, 45° Dump	mm	2526	2479	2416	2415	2351	+378
		ft/in	8'3"	8'1"	7'11"	7'11"	7'8"	+1'3"
14	Reach: Full Lift, 45° Dump	mm	995	1038	1102	1067	1131	+251
		ft/in	3'3"	3'4"	3'7"	3'6"	3'8"	+10"
	Reach: 2130 mm (7'0") Clearance, 45° Dump	mm	1372	1380	1391	1356	1363	+499
		ft/in	4'6"	4'6"	4'6"	4'5"	4'5"	+1'7"
	Reach: Level Arm, Level Bucket	mm	2426	2490	2581	2558	2648	+415
		ft/in	7'11"	8'2"	8'5"	8'4"	8'8"	+1'4"
16	Dig Depth	mm	145	148	148	163	163	+178
		in	5.7"	5.8"	5.8"	6.4"	6.4"	+7"
5	Length: Overall	mm	6634	6701	6791	6792	6882	+530
		ft/in	21.9"	21'11"	22'3"	22'3"	22'6"	+1'9"
13	Height: Overall	mm	4863	4899	5080	5048	5148	+356
		ft/in	15'11"	16'0"	16'8"	16'6"	16'10"	+1'2"
19	Turning Radius: Bucket at Carry	mm	5389	5405	5436	5440	5472	+249
		ft/in	17'8"	17'8"	17'10"	17'10"	17'11"	+10"
	Tipping Load – Straight, ISO 14397-1*	kg	5703	5617	5606	5365	5294	–319
		lb	12,568	12,380	12,354	11,825	11,668	–704
	Tipping Load – Straight, Rigid Tire**	kg	5940	5851	5839	5589	5515	–333
		lb	13,092	12,896	12,869	12,317	12,154	–734
	Tipping Load – Full Turn, ISO 14397-1*	kg	4822	4726	4707	4508	4438	–316
		lb	10,628	10,417	10,375	9,934	9,782	–698
	Tipping Load – Full Turn, Rigid Tire**	kg	5112	5010	4990	4778	4705	–335
		lb	11,265	11,042	10,997	10,530	10,369	–739
	Breakout Force	kgf	4343	4667	4288	3801	3739	–80
		lbf	9,572	10,285	9,451	8,376	8,240	–176
	Operating Weight	kg	8175	8515	8583	8532	8600	+564
		lb	18,018	18,767	18,917	18,804	18,953	+1,244

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

**Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Dimensions listed are for a 910M configured with bucket, bolt-on cutting edge, counterweights, additional guarding, 80 kg (176 lb) operator, and Michelin 15.5 R25 (L2) XTLA tires at a pressure of 3.75 bar (54 psi) in the front tires and 2.5 bar (36 psi) in the rear tires.

Bucket Specifications

914M Operating Specifications with Buckets

			General Purpose						
									High Lift
			Pin On	IT		ISO 23727		Floor	
	Capacity – Rated	m^3	1.6	1.5	1.6	1.3	1.5	1.6	—
		yd^3	2.1	2.0	2.1	1.7	2.0	2.4	—
	Capacity – Rated at 110% Fill Factor	m^3	1.7	1.6	1.7	1.4	1.6	1.9	—
		yd^3	2.2	2.1	2.2	1.8	2.1	2.5	—
17	Width: Bucket	mm	2401	2401	2401	2401	2401	2401	—
		ft/in	7'10"	7'10"	7'10"	7'10"	7'10"	7'10"	—
	Nominal Material Density 110% Fill Factor	kg/m^3	1549	1619	1515	1831	1580	1520	–114
		lb/yd^3	2,806	2,892	2,744	3,340	2,823	2,270	–205
9	Clearance: Full Lift, 45° Dump	mm	2820	2775	2749	2800	2738	2660	+365
		ft/in	9'3"	9'1"	9'0"	9'2"	8'11"	8'8"	+1'2"
14	Reach: Full Lift, 45° Dump	mm	790	847	868	843	889	955	+235
		ft/in	2'7"	2'9"	2'10"	2'9"	2'10"	3'1"	+9"
	Reach: 2130 mm (7'0") Clearance, 45° Dump	mm	1352	1384	1390	1394	1404	1422	+491
		ft/in	4'5"	4'6"	4'6"	4'6"	4'7"	4'7"	+1'7"
	Reach: Level Arm, Level Bucket	mm	2072	2143	2177	2120	2199	2302	+415
		ft/in	6'9"	7'0"	7'1"	6'11"	7'2"	7'6"	+1'4"
16	Dig Depth	mm	89	89	89	90	90	88	+184
		in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"	+7.3"
5	Length: Overall	mm	6291	6362	6397	6340	6419	6520	+541
		ft/in	20'7"	20'10"	20'11"	20'9"	21'0"	21'4"	+1'10"
13	Height: Overall	mm	4621	4674	4681	4627	4695	4811	+353
		ft/in	15'1"	15'4"	15'4"	15'2"	15'4"	15'9"	+1'2"
19	Turning Radius: Bucket at Carry	mm	5200	5222	5232	5216	5240	5273	+257
		ft/in	17'0"	17'1"	17'2"	17'1"	17'2"	17'3"	+10"
	Tipping Load – Straight, ISO 14397-1*	kg	6194	6125	6091	6062	5984	5775	–512
		lb	13,651	13,498	13,423	13,359	13,189	12,728	–1,129
	Tipping Load – Straight, Rigid Tire**	kg	6452	6380	6344	6314	6234	6016	–534
		lb	14,220	14,061	13,983	13,916	13,738	13,258	–1,177
	Tipping Load – Full Turn, ISO 14397-1*	kg	5265	5181	5150	5128	5057	4859	–450
		lb	11,605	11,418	11,349	11,302	11,146	10,709	–992
	Tipping Load – Full Turn, Rigid Tire**	kg	5602	5512	5478	5456	5380	5150	–484
		lb	12,345	12,147	12,074	12,023	11,857	11,351	–1,067
	Breakout Force	kgf	7980	7355	7092	7525	6922	5924	–133
		lbf	17,588	16,209	15,631	16,585	15,256	13,056	–293
	Operating Weight	kg	8380	8720	8736	8703	8742	8878	+374
		lb	18,469	19,219	18,254	19,182	19,266	19,568	+825

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

**Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Dimensions listed are for a 914M configured with bucket, bolt-on cutting edge, counterweights, additional guarding, 80 kg (176 lb) operator, and Michelin 17.5 R25 (L2) XTLA tires at a pressure of 3.5 bar (51 psi) in the front tires and 2.5 bar (36 psi) in the rear tires.

914M Operating Specifications with Buckets

			Light Material					
								High Lift
			Pin On	IT		ISO 23727		
	Capacity – Rated	m^3	2.5	2.5	3.0	2.5	3.0	—
		yd^3	3.3	3.3	3.9	3.3	3.9	—
	Capacity – Rated at 110% Fill Factor	m^3	2.6	2.6	3.1	2.6	3.1	—
		yd^3	3.4	3.4	4.1	3.4	4.1	—
17	Width: Bucket	mm	2549	2549	2549	2549	2549	—
		ft/in	8'4"	8'4"	8'4"	8'4"	8'4"	—
	Nominal Material Density 110% Fill Factor	kg/m^3	967	947	791	904	747	–114
		lb/yd^3	1,727	1,692	1,398	1,615	1,319	–205
9	Clearance: Full Lift, 45° Dump	mm	2555	2508	2444	2443	2379	+365
		ft/in	8'4"	8'2"	8'0"	8'0"	7'9"	+1'3"
14	Reach: Full Lift, 45° Dump	mm	977	1022	1086	1052	1116	+235
		ft/in	3'2"	3'4"	3'6"	3'5"	3'7"	+10"
	Reach: 2130 mm (7'0") Clearance, 45° Dump	mm	1372	1381	1395	1360	1371	+491
		ft/in	4'6"	4'6"	4'6"	4'5"	4'5"	+1'7"
	Reach: Level Arm, Level Bucket	mm	2397	2462	2552	2530	2620	+415
		ft/in	7'10"	8'0"	8'4"	8'3"	8'7"	+1'4"
16	Dig Depth	mm	118	121	121	136	136	+184
		in	4.6"	4.8"	4.8"	5.4"	5.4"	+7"
5	Length: Overall	mm	6624	6691	6781	6783	6873	+541
		ft/in	21'8"	21'11"	22'2"	22'3"	22'6"	+1'9"
13	Height: Overall	mm	4891	4927	5108	5076	5176	+353
		ft/in	16'0"	16'1"	16'9"	16'7"	16'11"	+1'2"
19	Turning Radius: Bucket at Carry	mm	5389	5406	5437	5443	5475	+257
		ft/in	17'8"	17'8"	17'10"	17'10"	17'11"	+10"
	Tipping Load – Straight, ISO 14397-1*	kg	5925	5834	5823	5576	5503	–315
		lb	13,059	12,857	12,833	12,290	12,128	–694
	Tipping Load – Straight, Rigid Tire**	kg	6172	6077	6066	5809	5732	–330
		lb	13,603	13,393	13,368	12,802	12,633	–728
	Tipping Load – Full Turn, ISO 14397-1*	kg	5026	4924	4906	4700	4629	–320
		lb	11,077	10,852	10,812	10,359	10,202	–705
	Tipping Load – Full Turn, Rigid Tire**	kg	5328	5219	5200	4982	4907	–335
		lb	11,742	11,503	11,461	10,980	10,814	–739
	Breakout Force	kgf	5206	5612	5169	4577	4515	–133
		lbf	11,473	12,368	11,393	10,087	9,950	–293
	Operating Weight	kg	8599	8939	9007	8956	9023	+374
		lb	18,952	19,701	19,850	19,738	19,887	+825

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

**Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Dimensions listed are for a 914M configured with bucket, bolt-on cutting edge, counterweights, additional guarding, 80 kg (176 lb) operator, and Michelin 17.5 R25 (L2) XTLA tires at a pressure of 3.5 bar (51 psi) in the front tires and 2.5 bar (36 psi) in the rear tires.

Bucket Specifications

918M Operating Specifications with Buckets

			General Purpose						
									High Lift
			Pin On	IT		ISO 23727	Flat	Fusion	
	Capacity – Rated	m³	1.8	1.6	1.7	1.7	1.8	1.7	—
		yd³	2.4	2.1	2.2	2.2	2.4	2.2	—
	Capacity – Rated at 110% Fill Factor	m³	1.9	1.7	1.8	1.8	1.9	1.8	—
		yd³	2.5	2.2	2.4	2.4	2.5	2.4	—
17	Width: Bucket	mm	2401	2401	2401	2401	2401	2450	—
		ft/in	7'10"	7'10"	7'10"	7'10"	7'10"	8'0"	—
	Nominal Material Density 110% Fill Factor	kg/m³	1612	1715	1609	1569	1412	1524	–239
		lb/yd³	2,872	3,106	2,829	2,759	2,508	2,680	–433
9	Clearance: Full Lift, 45° Dump	mm	2882	2865	2838	2800	1896	2708	+297
		ft/in	9'5"	9'4"	9'3"	9'2"	6'2"	8'10"	+1'0"
14	Reach: Full Lift, 45° Dump	mm	881	911	933	974	1556	972	+217
		ft/in	2'10"	2'11"	3'0"	3'2"	5'1"	3'2"	+9"
	Reach: 2130 mm (7'0") Clearance, 45° Dump	mm	1493	1514	1521	1541	1427	1483	+388
		ft/in	4'10"	4'11"	4'11"	5'0"	4'8"	4'10"	+1'4"
	Reach: Level Arm, Level Bucket	mm	2242	2274	2310	2366	2295	2427	+352
		ft/in	7'4"	7'5"	7'6"	7'9"	7'6"	7'11"	+1'2"
16	Dig Depth	mm	60	61	61	61	378	131	+153
		in	2.4"	2.4"	2.4"	2.4"	14.9"	5.2"	+6"
5	Length: Overall	mm	6583	6615	6652	6708	6596	6829	+454
		ft/in	21'7"	21'8"	21.9"	22'0"	21'7"	22'4"	+1'6"
13	Height: Overall	mm	4825	4797	4847	4882	4047	4857	+289
		ft/in	15'9"	15'8"	15'10"	16'0"	13'3"	15'11"	+11"
19	Turning Radius: Bucket at Carry	mm	5390	5399	5410	5425	5479	5483	+217
		ft/in	17'8"	17'8"	17'9"	17'9"	17'11"	17'11"	+8"
	Tipping Load – Straight, ISO 14397-1*	kg	7229	6903	6862	6700	6379	6388	–1031
		lb	15,932	15,213	15,123	14,766	14,060	14,078	–2,271
	Tipping Load – Straight, Rigid Tire**	kg	7530	7190	7148	6979	6645	6654	–1074
		lb	16,596	15,847	15,753	15,381	14,646	14,665	–2,369
	Tipping Load – Full Turn, ISO 14397-1*	kg	6124	5830	5792	5649	5367	5488	–812
		lb	13,497	12,848	12,766	12,450	11,829	12,094	–1,791
	Tipping Load – Full Turn, Rigid Tire**	kg	6515	6202	6162	6010	5689	5838	–865
		lb	14,358	13,668	13,581	13,244	12,539	12,866	–1,905
	Breakout Force	kgf	9111	8793	8478	7930	7369	7624	–544
		lbf	20,081	19,378	18,685	17,483	16,242	16,804	–1,199
	Operating Weight	kg	9302	9471	9489	9511	9519	9627	+366
		lb	20,502	20,874	20,914	20,962	20,979	21,218	+808

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

**Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Dimensions listed are for a 918M configured with bucket, bolt-on cutting edge, counterweights, additional guarding, 80 kg (176 lb) operator, and Michelin 17.5 R25 (L2) XTLA tires at a pressure of 3.5 bar (51 psi) in the front tires and 2.5 bar (36 psi) in the rear tires.

918M Operating Specifications with Buckets

			Light Material					
								High Lift
			Pin On	IT		ISO	Fusion	
	Capacity – Rated	m³	3.0	2.5	3.0	2.5	2.5	—
		yd³	3.9	3.3	3.9	3.3	3.3	—
	Capacity – Rated at 110% Fill Factor	m³	3.1	2.6	3.1	2.6	2.6	—
		yd³	4.1	3.4	4.1	3.4	3.4	—
17	Width: Bucket	mm	2549	2549	2549	2549	2549	—
		ft/in	8'4"	8'4"	8'4"	8'4"	8'4"	—
	Nominal Material Density 110% Fill Factor	kg/m³	887	1077	901	1031	970	–169
		lb/yd³	1,567	1,924	1,591	1,842	1,734	–302
9	Clearance: Full Lift, 45° Dump	mm	2607	2624	2560	2559	2500	+294
		ft/in	8'6"	8'7"	8'4"	8'4"	8'2"	+11"
14	Reach: Full Lift, 45° Dump	mm	1081	1061	1124	1090	1074	+211
		ft/in	3'6"	3'5"	3'8"	3'6"	3'6"	+8"
	Reach: 2130 mm (7'0") Clearance, 45° Dump	mm	1524	1516	1533	1498	1437	+412
		ft/in	4'11"	4'11"	5'0"	4'10"	4'8"	+1'4"
	Reach: Level Arm, Level Bucket	mm	2584	2558	2648	2626	2659	+353
		ft/in	8'5"	8'4"	8'8"	8'7"	8'8"	+1'2"
16	Dig Depth	mm	89	93	93	108	149	+153
		in	3.5"	3.7"	3.6"	4.3"	5.9"	+6.1"
5	Length: Overall	mm	6932	6909	6999	7000	7077	+453
		ft/in	22'8"	22'8"	22'11"	22'11"	23'2"	+1'6"
13	Height: Overall	mm	5157	5043	5224	5192	5051	+289
		ft/in	16'11"	16'6"	17'1"	17'0"	16'6"	+11"
19	Turning Radius: Bucket at Carry	mm	5586	5571	5601	5605	5653	+230
		ft/in	18'3"	18'3"	18'4"	18'4"	18'6"	+9"
	Tipping Load – Straight, ISO 14397-1*	kg	6397	6528	6521	6257	5988	–967
		lb	14,098	14,388	14,372	13,790	13,196	–2,131
	Tipping Load – Straight, Rigid Tire**	kg	6663	6800	6793	6518	6237	–1007
		lb	14,685	14,988	14,971	14,365	13,746	–2,219
	Tipping Load – Full Turn, ISO 14397-1*	kg	5502	5599	5585	5360	5046	–879
		lb	12,126	12,340	12,308	11,814	11,121	–1,938
	Tipping Load – Full Turn, Rigid Tire**	kg	5832	5935	5920	5682	5349	–932
		lb	12,853	13,080	13,046	12,523	11,789	–2,054
	Breakout Force	kgf	6451	7015	6480	5740	5641	–406
		lbf	14,217	15,461	14,281	12,651	12,432	–896
	Operating Weight	kg	9402	9674	9742	9691	9754	+366
		lb	20,721	21,320	21,470	21,358	21,496	+808

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

**Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Dimensions listed are for a 918M configured with bucket, bolt-on cutting edge, counterweights, additional guarding, 80 kg (176 lb) operator, and Michelin 17.5 R25 (L2) XTLA tires at a pressure of 3.5 bar (51 psi) in the front tires and 2.5 bar (36 psi) in the rear tires.

Bucket Selection Tables

General Purpose Bucket Selection – Standard Lift

Material Type				Salt, Fine Heavy Metal Scrap, Loose	Shale	Sand, Dry and Loose Clay and Gravel, Dry	Clay, Natural Bed, Dry Sandstone Limestone, Crushed	Clay and Gravel, Wet Sand and Clay, Loose 25% Rock, 75% Earth	Gypsum, Crushed Granite, Broken Clay, Natural Bed, Wet	Sand and Gravel, Dry Sand, Damp	50% Rock, 50% Earth	Sand, Wet	Gravel, Pitrum 75% Rock, 25% Earth	Sand and Gravel, Wet	Tip Load Full Turn*	
Fill Factor %				105% 110%	110%	105% 105%	110% 105% 105%	110% 105% 115%	105% 105% 110%	105% 110%	115%	110%	110% 115%	110%		
	m^3	(yd^3)	kg/m^3 (lb/yd^3)	1250 (2,106)	1325 (2,233)	1400 (2,359)	1475 (2,485)	1550 (2,612)	1625 (2,738)	1700 (2,865)	1775 (2,991)	1850 (3,117)	1925 (3,244)	2000 (3,370)	kg	(lb)
910M Pin On	1.4	(1.8)						115%	110%	105%	100%				5121	(11,286)
	1.6	(2.1)			115%	110%	105%	100%							5051	(11,132)
	1.8	(2.4)		115%	110%	105%	100%								4984	(10,984)
910M Coupler	1.3	(1.7)							115%	110%	105%	100%			5042	(11,112)
	1.5	(2.0)				115%	110%	105%	100%						4971	(10,956)
	1.6	(2.1)			115%	110%	105%	100%							4941	(10,889)
	m^3	(yd^3)	kg/m^3 (lb/yd^3)	1250 (2,106)	1325 (2,233)	1400 (2,359)	1475 (2,485)	1550 (2,612)	1625 (2,738)	1700 (2,865)	1775 (2,991)	1850 (3,117)	1925 (3,244)	2000 (3,370)	kg	(lb)
914M Pin On	1.4	(1.8)							115%	110%	105%	100%			5338	(11,764)
	1.6	(2.1)				115%	110%	105%	100%						5265	(11,604)
	1.8	(2.4)		115%	110%	105%	100%								5197	(11,454)
914M Coupler	1.5	(2.0)					115%	110%	105%	100%					5181	(11,418)
	1.6	(2.1)			115%	110%	105%	100%							5150	(11,350)
	1.7	(2.2)		115%	110%	105%	100%								5114	(11,271)
	m^3	(yd^3)	kg/m^3 (lb/yd^3)	1250 (2,106)	1325 (2,233)	1400 (2,359)	1475 (2,485)	1550 (2,612)	1625 (2,738)	1700 (2,865)	1775 (2,991)	1850 (3,117)	1925 (3,244)	2000 (3,370)	kg	(lb)
918M Pin On	1.6	(2.1)							115%	110%	105%	100%			6198	(13,660)
	1.8	(2.4)					115%	110%	105%	100%					6124	(13,497)
	1.9	(2.5)			115%	110%	105%	100%							6091	(13,424)
918M Coupler	1.6	(2.1)						115%	110%	105%	100%				5830	(12,849)
	1.7	(2.2)					115%	110%	105%	100%					5792	(12,765)
	1.9	(2.5)			115%	110%	105%	100%							5690	(12,540)
918M Fusion	1.7	(2.2)				115%	110%	105%	100%						5488	(12,095)
	1.9	(2.5)		115%	110%	105%	100%								5390	(11,879)

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

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

Light Material Bucket Selection – Standard Lift

910M

Material Type				Mulch, Wet	Municipal Solid Waste	Flour, Wheat	Compacted Solid Waste	Barley, Bulk	Buckwheat, Bulk	Asphalt, Crushed	Soy Beans, Bulk	Corn Shelled, Bulk	Glass, Semi Crushed		Construction and Demolition	Silage, Packed	Manure/muck, Wet			Tip Load Full Turn*	
Fill Factor %				115%	115%	110%	115%	100%	100%	110%	100%	100%	105%		110%	115%	110%				
		m³	(yd³)	kg/m³ (lb/yd³)	550 (927)		580 (977)		610 (1,028)	640 (1,078)	700 (1,180)		730 (1,230)	760 (1,281)	820 (1,382)		850 (1,432)	1050 (1,769)	1120 (1,887)	kg	(lb)
Pin On		2.5	(3.3)												115%		110%	105%	100%	4822	(10,630)
		3.0	(3.9)							115%		110%		105%		100%				4620	(10,185)
		3.5	(4.6)		115%		110%		105%		100%									4528	(9,982)
IT		2.5	(3.3)												115%		110%	105%		4726	(10,419)
		3.0	(3.9)							115%		110%		105%		100%				4707	(10,377)
		3.5	(4.6)			115%		110%		105%		100%								4620	(10,185)
ISO		2.5	(3.3)												115%		110%	105%	100%	4508	(9,938)
		3.0	(3.9)							115%		110%		105%		100%				4438	(9,784)
		3.5	(4.6)		115%		110%		105%		100%									4383	(9,662)

914M

		m³	(yd³)	kg/m³ (lb/yd³)	805 (1,356)	850 (1,432)	895 (1,508)	940 (1,584)	985 (1,660)	1030 (1,736)	1075 (1,811)	1120 (1,887)	1165 (1,963)	1210 (2,039)	1255 (2,115)	kg	(lb)
Pin On		2.5	(3.3)									115%	110%	105%	100%	5026	(11,080)
		3.0	(3.9)					115%		110%		105%	100%			4815	(10,615)
		3.5	(4.6)			115%	110%	105%	100%							4725	(10,416)
IT		2.5	(3.3)									115%	105%	100%		4924	(10,855)
		3.0	(3.9)						115%	110%	105%	100%				4906	(10,815)
		3.5	(4.6)			115%	110%	105%	100%							4816	(10,617)
ISO		2.5	(3.3)								115%	110%	100%			4700	(10,361)
		3.0	(3.9)					115%		110%		105%	100%			4629	(10,205)
		3.5	(4.6)		115%	110%	105%	100%								4573	(10,081)

918M

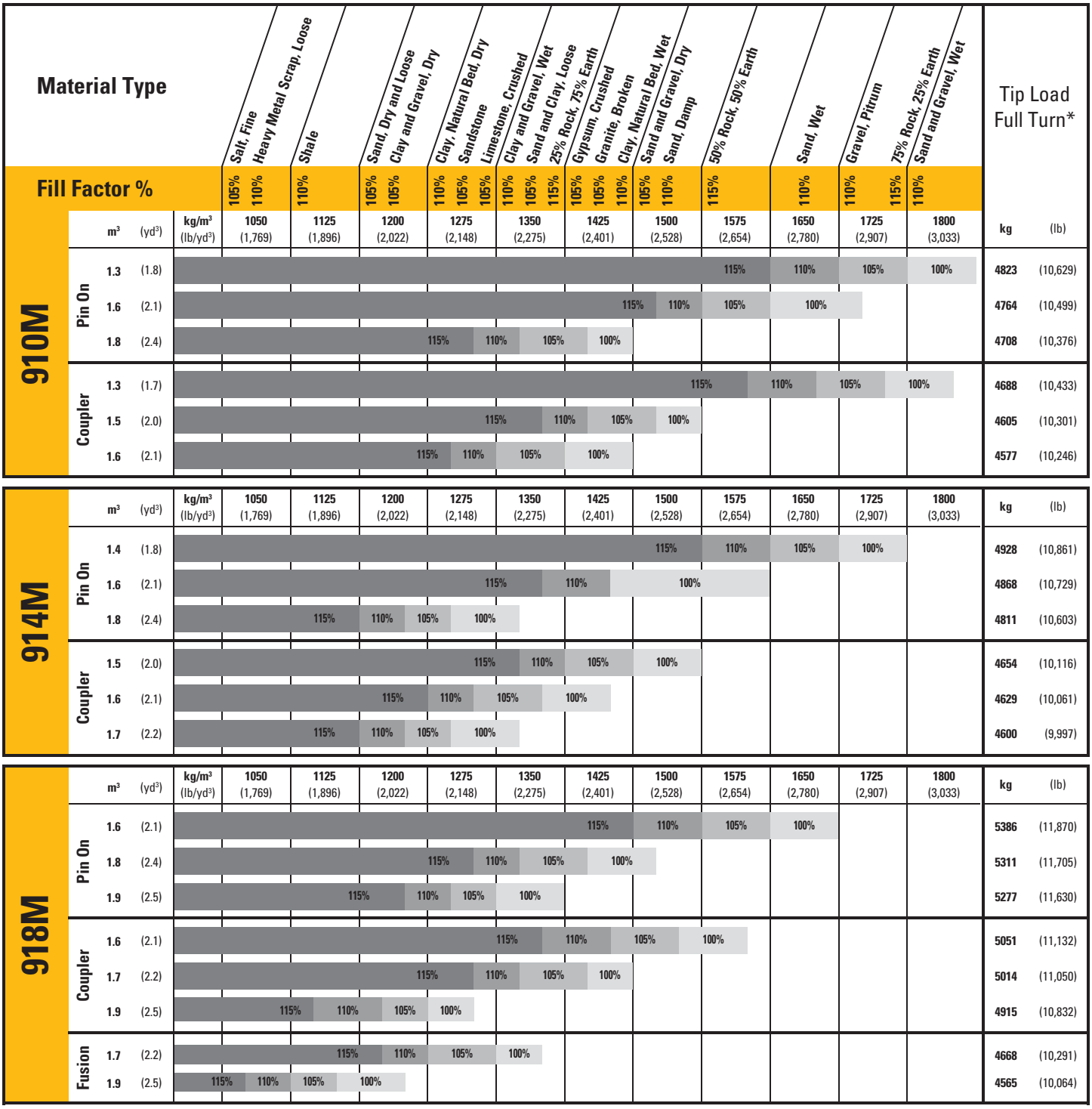
		m³	(yd³)	kg/m³ (lb/yd³)	805 (1,356)	850 (1,432)	895 (1,508)	940 (1,584)	985 (1,660)	1030 (1,736)	1075 (1,811)	1120 (1,887)	1165 (1,963)	1210 (2,039)	1255 (2,115)	kg	(lb)
Pin On		2.5	(3.3)										115%	110%	105%	100%	5733	(12,639)
		3.0	(3.9)								115%	110%	105%	100%			5502	(12,129)
		3.5	(4.6)					115%	110%	105%	100%						5414	(11,935)
IT		2.5	(3.3)										115%	110%	105%	100%	5599	(12,343)
		3.0	(3.9)								115%	110%	105%	100%			5585	(12,312)
		3.5	(4.6)					115%	110%	105%	100%						5491	(12,105)
ISO		2.5	(3.3)										115%	110%	105%	100%	5360	(11,816)
		3.0	(3.9)								115%	110%	105%	100%			5287	(11,655)
		3.5	(4.6)				115%	110%	105%	100%							5230	(11,530)
Fusion		2.5	(3.3)									115%	110%	105%	100%		5046	(11,124)
		3.0	(3.9)					115%		110%		105%	100%				4828	(10,643)
		3.5	(4.6)			115%	110%	105%	100%								4762	(10,498)

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

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

Bucket Selection Tables

General Purpose Bucket Selection – High Lift



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

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

Light Material Bucket Selection – High Lift

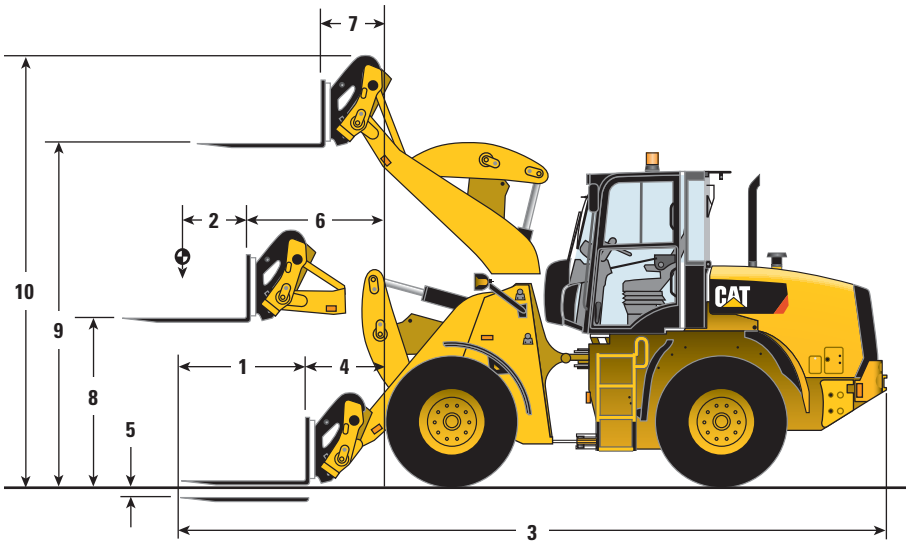
Material Type				Mulch, Wet	Municipal Solid Waste	Flour, Wheat	Compacted Solid Waste	Barley, Bulk	Buckwheat, Bulk	Asphalt, Crushed	Soy Beans, Bulk	Corn Shelled, Bulk	Glass, Semi Crushed		Construction and Demolition	Silage, Packed	Manure/muck, Wet			Tip Load Full Turn*	
Fill Factor %				115%	115%	110%	115%	100%	100%	110%	100%	100%	105%		110%	115%	110%				
		m³	(yd³)	kg/m³ (lb/yd³)	550 (927)	570 (960)	610 (1,028)	640 (1,078)	700 (1,180)	720 (1,213)	760 (1,281)	820 (1,382)	850 (1,432)	1000 (1,685)	1100 (1,854)	kg	(lb)
910M	Pin On	2.5	(3.3)								115%	110%	105%	100%				4587	(10,109)
		3.0	(3.9)					115%	110%	105%	100%							4431	(9,765)
		3.5	(4.6)	115%	110%	105%	100%											4336	(9,556)
	IT	2.5	(3.3)							115%	110%	105%	100%					4306	(9,490)
		3.0	(3.9)				115%	110%	105%	100%								4278	(9,428)
		3.5	(4.6)	115%	105%	100%												4205	(9,267)
	ISO	2.5	(3.3)							115%	110%	105%	100%					4119	(9,078)
		3.0	(3.9)		115%	110%	105%	100%										4057	(8,941)
		3.5	(4.6)	115%	110%	100%												4005	(8,827)
914M	Pin On	2.5	(3.3)								115%	110%	105%	100%				4616	(10,173)
		3.0	(3.9)					115%	110%	105%	100%							4456	(9,821)
		3.5	(4.6)	115%	110%	105%	100%											4364	(9,618)
	IT	2.5	(3.3)							115%	110%	105%	100%					4334	(9,552)
		3.0	(3.9)				115%	110%	105%	100%								4306	(9,490)
		3.5	(4.6)	115%	105%	100%												4230	(9,322)
	ISO	2.5	(3.3)							115%	110%	105%	100%					4148	(9,142)
		3.0	(3.9)		115%	110%	105%	100%										4084	(9,001)
		3.5	(4.6)	115%	100%													4031	(8,884)
918M	Pin On	2.5	(3.3)									115%	110%	105%	100%			4854	(10,698)
		3.0	(3.9)					115%	110%	105%	100%							4632	(10,208)
		3.5	(4.6)		115%	110%	105%	100%										4573	(10,078)
	IT	2.5	(3.3)								115%	110%	105%					4726	(10,416)
		3.0	(3.9)					115%	110%	105%	100%							4692	(10,341)
		3.5	(4.6)		115%	110%	105%	100%										4592	(10,120)
	ISO	2.5	(3.3)								115%	110%	105%	100%				4547	(10,021)
		3.0	(3.9)					115%	110%	105%	100%							4462	(9,834)
		3.5	(4.6)	115%	110%	105%	100%											4394	(9,684)
	Fusion	2.5	(3.3)							115%	110%	105%	100%					4300	(9,477)
		3.0	(3.9)		115%	110%	105%	100%										4095	(9,025)
		3.5	(4.6)	115%	110%	100%												4049	(8,923)

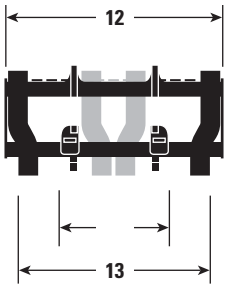
Material density, fill factor, and counterweight options are key variables when choosing the appropriate size of the bucket. The long floor and open throat design of the Performance Series Buckets along with the aggressive rack angles of the optimized linkage will demonstrate fill factors greater than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

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

Operating Specifications

Operating Specifications with Forks





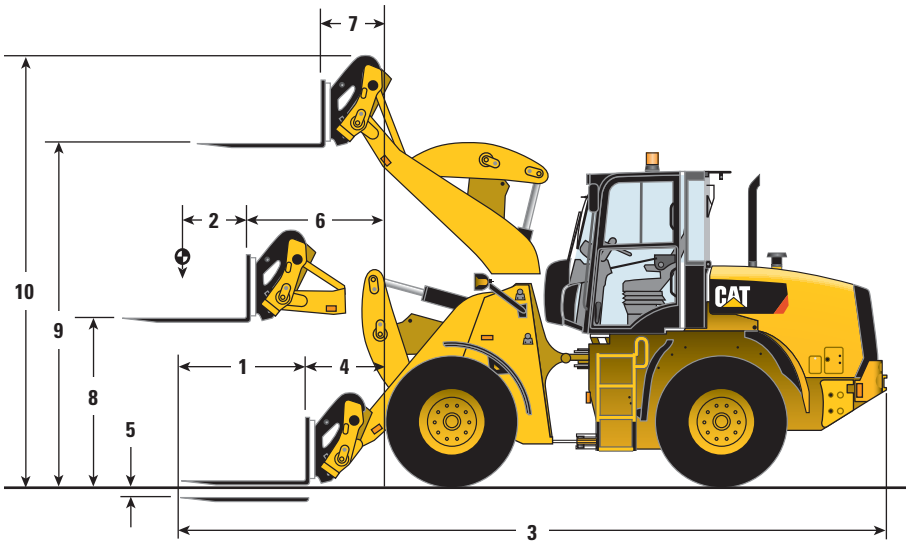
	Forks – Standard Lift ISO					
	910M		914M		918M	
1 Fork Tine Length	1200 mm	3'11"	1200 mm	3'11"	1200 mm	3'11"
2 Load Center	600 mm	1'11"	600 mm	1'11"	600 mm	1'11"
3 Length: Overall	6889 mm	22'7"	6883 mm	22'6"	7098 mm	23'3"
4 Reach: Ground	863 mm	2'9"	807 mm	2'7"	915 mm	3'0"
5 Dig Depth	78 mm	3.1"	51 mm	2"	23 mm	0.9"
6 Reach: Level Arm	1525 mm	5'0"	1494 mm	4'10"	1592 mm	5'2"
7 Reach: Full Lift	673 mm	2'2"	643 mm	2'1"	695 mm	2'3"
8 Clearance: Level Arm	1640 mm	5'4"	1688 mm	5'6"	1698 mm	5'6"
9 Clearance: Full Lift	3457 mm	11'4"	3485 mm	11'5"	3601 mm	11'9"
10 Height: Overall	4401 mm	14'5"	4429 mm	14'6"	4545 mm	14'10"
11 Minimum Fork Spacing	300 mm	11"	300 mm	11"	300 mm	11"
12 Carriage Width	1550 mm	5'1"	1550 mm	5'1"	1550 mm	5'1"
13 Maximum Fork Spacing	1526 mm	5'0"	1526 mm	5'0"	1526 mm	5'0"
Tipping Load – Straight, ISO 14397-1*	4294 kg	9,464 lb	4490 kg	9,896 lb	5160 kg	11,371 lb
Tipping Load – Full Turn, ISO 14397-1*	3629 kg	7,997 lb	3806 kg	8,387 lb	4367 kg	9,625 lb
Operating Weight	8158 kg	17,980 lb	8582 kg	18,913 lb	9317 kg	20,533 lb
Rated Load (% of Full Turn Tip):						
50% of Tip: SAE J1197**	1814 kg	3,998 lb	1903 kg	4,193 lb	2184 kg	4,812 lb
60% of Tip: Rough Terrain EN474-3**	2177 kg	4,798 lb	2283 kg	5,032 lb	2620 kg	5,775 lb
80% of Tip: Firm and Level EN474-3**	2903 kg	6,398 lb	3044 kg	6,709 lb	3494 kg	7,700 lb

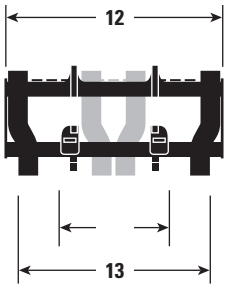
*Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculation and testing.

**Full compliance to EN474-3 and SAE J1197.

Dimensions listed are for a machine configured with IT work tools, additional guarding, 80 kg (176 lb) operator, full fluids, and Michelin 15.5 R25 (L2) XTLA tires for 910M and Michelin 17.5 R25 (L2) XTLA tires for 914M and 918M.

Operating Specifications with Forks





	Forks – High Lift ISO					
	910M		914M		918M	
1 Fork Tine Length	1200 mm	3'11"	1200 mm	3'11"	1200 mm	3'11"
2 Load Center	600 mm	1'11"	600 mm	1'11"	600 mm	1'11"
3 Length: Overall	7430 mm	24'4"	7435 mm	24'4"	7559 mm	24'9"
4 Reach: Ground	1404 mm	4'7"	1360 mm	4'5"	1376 mm	4'6"
5 Dig Depth	256 mm	10.1"	235 mm	9.2"	176 mm	6.9"
6 Reach: Level Arm	1940 mm	6'4"	1909 mm	6'3"	1945 mm	6'4"
7 Reach: Full Lift	892 mm	2'11"	862 mm	2'9"	899 mm	2'11"
8 Clearance: Level Arm	1640 mm	5'4"	1688 mm	5'6"	1698 mm	5'6"
9 Clearance: Full Lift	3813 mm	12'6"	3838 mm	12'7"	3889 mm	12'9"
10 Height: Overall	4757 mm	15'7"	4782 mm	15'8"	4833 mm	15'10"
11 Minimum Fork Spacing	300 mm	11"	300 mm	11"	300 mm	11"
12 Carriage Width	1550 mm	5'1"	1550 mm	5'1"	1550 mm	5'1"
13 Maximum Fork Spacing	1526 mm	5'0"	1526 mm	5'0"	1526 mm	5'0"
Tipping Load – Straight, ISO 14397-1*	4147 kg	9,139 lb	4190 kg	9,234 lb	4747 kg	10,462 lb
Tipping Load – Full Turn, ISO 14397-1*	3493 kg	7,698 lb	3536 kg	7,793 lb	4064 kg	8,957 lb
Operating Weight	8714 kg	19,205 lb	8973 kg	19,776 lb	9700 kg	21,379 lb
Rated Load (% of Full Turn Tip):						
50% of Tip: SAE J1197**	1747 kg	3,849 lb	1768 kg	3,896 lb	2032 kg	4,478 lb
60% of Tip: Rough Terrain EN474-3**	2096 kg	4,619 lb	2122 kg	4,676 lb	2439 kg	5,374 lb
80% of Tip: Firm and Level EN474-3**	2794 kg	6,158 lb	2829 kg	6,235 lb	3251 kg	7,166 lb

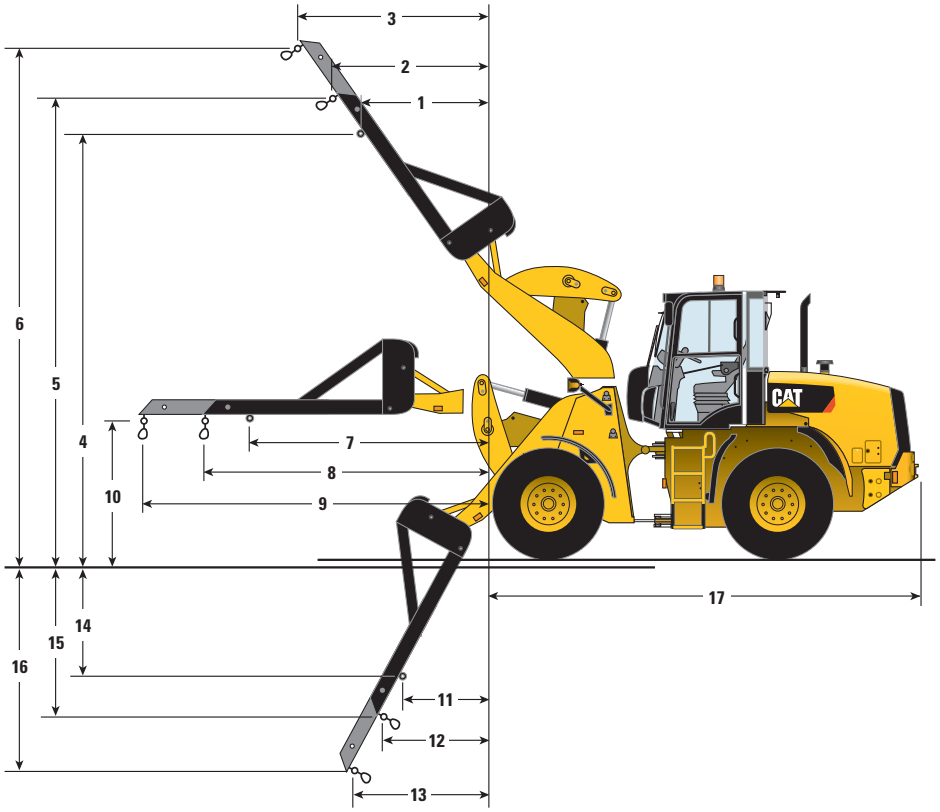
*Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculation and testing.

**Full compliance to EN474-3 and SAE J1197.

Dimensions listed are for a machine configured with IT work tools, additional guarding, 80 kg (176 lb) operator, full fluids, and Michelin 15.5 R25 (L2) XTLA tires for 910M and Michelin 17.5 R25 (L2) XTLA tires for 914M and 918M.

Operating Specifications

Operating Specifications with IT Material Handling Arm



IT Material Handling Arm – Standard Lift

	910M		914M		918M	
1	1246 mm	4'1"	1213 mm	3'11"	1336 mm	4'4"
2	1705 mm	5'7"	1673 mm	5'5"	1828 mm	5'11"
3	2165 mm	7'1"	2133 mm	6'11"	2321 mm	7'7"
4	5495 mm	18'0"	5510 mm	18'0"	5600 mm	18'4"
5	6382 mm	20'11"	6390 mm	20'11"	6469 mm	21'2"
6	7270 mm	23'10"	7271 mm	23'10"	7339 mm	24'0"
7	3161 mm	10'4"	3129 mm	10'3"	3229 mm	10'7"
8	4160 mm	13'7"	4128 mm	13'6"	4227 mm	13'10"
9	5160 mm	16'11"	5128 mm	16'9"	5227 mm	17'1"

	910M		914M		918M	
10	1784 mm	5'10"	1832 mm	6'0"	1842 mm	6'0"
11	1415 mm	4'7"	1383 mm	4'6"	1611 mm	5'3"
12	1962 mm	6'5"	1930 mm	6'3"	2198 mm	7'2"
13	2510 mm	8'2"	2478 mm	8'1"	2787 mm	9'1"
14	1649 mm	5'4"	1637 mm	5'4"	1538 mm	5'0"
15	2485 mm	8'1"	2479 mm	8'1"	2345 mm	7'8"
16	3321 mm	10'10"	3323 mm	10'10"	3154 mm	10'4"
17	4826 mm	15'10"	4868 mm	15'11"	4983 mm	16'4"

	910M		914M		918M	
Operating Weight	8124 kg	17,905 lb	8548 kg	18,838 lb	9283 kg	20,458 lb
Rated Load* (50% of Full Turn Tip** SAE J1197)						
Minimum Extension (7)	1320 kg	2,910 lb	1383 kg	3,047 lb	1605 kg	3,536 lb
Middle Extension (8)	1034 kg	2,279 lb	1085 kg	2,390 lb	1266 kg	2,790 lb
Maximum Extension (9)	851 kg	1,876 lb	894 kg	1,969 lb	1047 kg	2,308 lb

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

**Full compliance to EN474-3 and SAE J1197.

Dimensions listed are for a machine configured with IT work tool, 80 kg (176 lb) operator, and Michelin 17.5 R25 (L2) XTLA tires.

Optional Equipment

	910M				914M				918M			
	Operating Weight		Tipping Load – Full Turn*		Operating Weight		Tipping Load – Full Turn*		Operating Weight		Tipping Load – Full Turn*	
Change with Options Removed:	**kg**	**lb**	**kg**	**lb**	**kg**	**lb**	**kg**	**lb**	**kg**	**lb**	**kg**	**lb**
Road/Load Package Options:												
Ride Control	–37	–82	–36	–79	–37	–82	–36	–79	–37	–82	–36	–79
Air Conditioning	–96	–212	–94	–207	–96	–212	–94	–207	–96	–212	–95	–209
Secondary Steer Valve	–32	–71	–30	–66	–32	–71	–30	–66	–32	–71	–31	–68
Three Valve to Four Valve	–47	–104	–46	–101	–47	–104	–46	–101	–47	–104	–46	–101
Deluxe Cab to Standard Cab	–97	–214	–63	–139	–97	–214	–61	–134	–97	–214	–69	–152
Change with Options Added:												
Wheel Chock	+20	+44	+19	+42	+20	+44	+19	+42	+20	+44	+19	+42
Toolbox	+16	+35	+16	+35	+16	+35	+16	+35	+16	+35	+16	+35
Heavy Duty Battery	+32	+71	+40	+88	+32	+71	+40	+88	+32	+71	+52	+115
Drive Shaft Guard	+34	+75	+2	+4	+34	+75	+2	+4	+34	+75	+3	+7
Power Train Guard	+43	+95	+26	+57	+43	+95	+26	+57	+43	+95	+43	+95
Hitch Guard	+28	+62	+18	+40	+28	+62	+18	+40	+28	+62	+16	+35
Crankcase Guard	+9	+20	+10	+22	+9	+20	+10	+22	+9	+20	+10	+22

*Compliance to ISO 14397-1 (2007) Sections 1 thru 5, which requires 2% verification between calculation and testing.

Tire Options

	910M				914M				918M					
Change with Tire Option as Compared to Standard Michelin XTLA Tire	Goodyear 15.5-25 (L2) SGL		Bridgestone 17.5-25 (L2) SNOW		Goodyear 17.5-25 (L2) SGL		Bridgestone 17.5-25 (L2) SNOW		Goodyear 17.5-25 (L2) SGL		Solid Tires 17.5X25 SOLID		Michelin 20.5 R25 XHA2	
	mm	**in**	**mm**	**in**	**mm**	**in**	**mm**	**in**	**mm**	**in**	**mm**	**in**	**mm**	**in**
Vertical Heights	0	0	+40	+1.6	–5	–0.2	0	0	–5	–0.2	+37	+1.5	+50	+2
Reach: Bucket at 45°	+9	+0.4	–38	+1.5	–7	–0.3	–5.5	–0.2	–7	–0.3	–9	–0.4	–75	–3
Width: Over Tires	+5	+0.2	+50	+2	+13	+0.5	–0.5	0	+13	+0.5	–25	–1	+87	+4
Turning Tadius: Outside of Tires	–3	–0.1	+26	+1	+7	+0.3	+1	0	+7	+0.3	–11	–0.4	+18	+1
	kg	**lb**	**kg**	**lb**	**kg**	**lb**	**kg**	**lb**	**kg**	**lb**	**kg**	**lb**	**kg**	**lb**
Tipping Load – Straight*	–40	–88	+40	+88	–57	–126	–89	–196	–57	–126	+957	+2,110	+366	+807
Tipping Load – Full Turn**	–35	–77	+35	+77	–49	–108	–77	–170	–49	–108	+827	+1,823	+317	+699
Operating Weight	–64	–141	+64	+141	–92	–203	–144	–317	–92	–203	+1576	+3,474	+516	+1,138

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

**Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

910M, 914M, 918M Standard Equipment

Standard Equipment

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

POWER TRAIN

- Cat C4.4 ACERT engine:
  - Common rail fuel injection
  - Tier 4 Final/Stage IV
- Caterpillar NO_X reduction system
- Fuel: Ultra Low Sulphur Diesel @ <15 ppm EPA/<10 ppm EU
- Engine oil: CJ-4
- Electric fuel pump with 4 micron filtration
- S·O·S℠ port, transmission oil
- Hydrostatic transmission, 20 km/h (12.5 mph)
- Lube for life universal joints
- Forward – Neutral – Reverse on joystick
- 100% locking differentials
- Air cleaner, radial seal, dual filters
- Cooling fan, on demand
- Tires 17.5-25 12PR (914M and 918M only)
- Tires 15.5-25 12PR (910M only)
- Integrated cyclone precleaner

LOADER END

- Parallel lift, optimized Z-bar loader

REGIONAL STANDARDS (as required)

- Back-up alarm
- Chocks, bucket tooth or edge
- Decals, roading speed
- Beacon
- Reflectors, roading
- Camera, rearview

HYDRAULICS

- Two valve, single lever joystick
- Diagnostic pressure taps
- S·O·S port, hydraulic oil
- Variable displacement piston pump (914M and 918M only)
- Gear pump (910M only)
- Cylinder damping at kickout and end stops (918M only)

ELECTRICAL

- 150 amp alternator
- Single 850 CCA maintenance free battery
- Roading lights
- Battery disconnect switch

FLUIDS

- Extended life coolant antifreeze, protected to –36° C (–33° F)
- Cat Advanced HYDO™ 10 hydraulic oil

CHASSIS

- Front fender and rear platform
- Lockable engine enclosure
- Recovery hitch
- Vandalism protection – locked service points

OPERATOR ENVIRONMENT

- ROPS/FOPS protection
- Implement lockout
- Electro-hydraulic implement controls
- Gauges:
  - Engine coolant temperature
  - Hydraulic oil temperature
  - Fuel level
  - Speedometer
  - Digital hour meter
  - DEF level indicator
- Warning system indicators:
  - Emission malfunction
  - Air filter restriction
  - Brake charge pressure low
  - Engine malfunction
  - Park brake applied
  - Electrical system voltage flow
  - Hydraulic oil filter bypass
  - Action indicator
- Seat:
  - Fabric or vinyl
  - Adjustable height, backrest, armrest
- Heater/defroster
- Tinted front glass, laminated
- Adjustable steering column
- Rear window defrost
- Lockable storage box
- Internal 12V power source
- External 12V power source

Optional Equipment

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

GUARDS
- Crankcase
- Driveshaft
- Front lights
- Hitch
- Power train

POWER TRAIN
- Axle oscillation limiter
- Secondary steering
- Sound suppression, EU Prep Package
- Extreme temperature engine coolant
- High speed option 40 km/h (25 mph)
- Tire options:
  - Bias ply, 15.5, 17.5-25
  - Radial, 15.5, 17.5 R25
  - 20.5 R25 (L2) Snow, 3PC Rim (918M only)
  - 20.5 R25 XHA-2 (L3), 3PC Rim (918M only)
  - 20.5-25 12 PR (918M only)
  - Solid Tires (914M and 918M only)

LOADER END
- Fusion coupler (918M only)
- Integrated toolcarrier coupler
- Linkage, high lift
- Wide (ISO) coupler

HYDRAULICS
- Three valve auxiliary
- Four valve auxiliary
- High flow (914M and 918M only)
- Screw to Connect Hydraulic Work Tool Connectors
- Push to Connect Hydraulic Work Tool Connectors

ELECTRICAL
- Engine coolant heater (120V or 240V)
- Halogen lights, front and rear
- LED work lights, front and rear
- Heavy duty battery package
- Work tool wiring harness

FLUIDS
- Biodegradable hydraulic oil
- Cold weather fuel

CHASSIS
- License plate holder
- Lockable toolbox
- Front and rear mud flaps
- Rear fenders

OPERATOR ENVIRONMENT
- ROPS/FOPS canopy or cab
- Premium heated, air suspension seat
- Heater and air conditioner
- Feature Package: Road/Load/Road & Load
- Dependent on package selection, features included are:
  - Adjustable Rimpull
  - Ride Control
  - Adjustable Ground Speed Control
  - Implement Modulation
  - Hystat Aggressiveness
  - Throttle Lock and Adjust
  - Automatic Loader lift and bucket kickouts adjustable in cab
- Cat radio
- Rear blind
- Security system
- Retractable, hi-vis seat belt 75 mm (3")
- Rearview camera and screen (standard in EU)
- Product Link

Notes

Notes

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

AEHQ7972-01 (02-2019)
Replaces AEHQ7972
(Am North, EU)

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