926M Ag Handler Agricultural Arrangement

CAT®



	926M Ag Handler	926M Ag Handler – High Lift				
Engine Model*	Cat® C	7.1 ACERT™				
Maximum Rated Gross Power:						
ISO 14396	122 k	W (164 hp)				
ISO 14396 (DIN)	122 kW (166 hp)					
Bucket Capacity	2.	1-4.2 m ³				
Full Turn Tip Load	7382 kg	5509 kg				
Operating Weight	12 994 kg	13 272 kg				

^{*}Engine meets EU Stage IV emission standards.

Making Your Choice Easy

Purpose Built Configuration

Power when you need it with a Power-by-Range technology giving you the boost you need for silage work and roading. Wide set 750/65 MegaXbib tires keep you rolling with maximum stability, while a quick reverse speed improves your productivity. Breathe clean with high debris package.

Efficiently Powerful

Experience Hybrid like fuel efficiency with a high torque low speed engine working in perfect harmony with an intelligent hydrostatic power train and variable displacement hydraulic pumps. For your highest production work, a new Performance Mode will allow you to boost the power and hydraulic speed to get the job done even quicker.

Work Made Easy

Move more with Caterpillar's patented quick loading Performance Series buckets and optimized Z-bar linkage. Multi-function work has never been easier with dedicated pumps and a flow sharing implement valve. The 926M Ag Handler will simply do what you ask it to.

Enjoy All Day Comfort

Have a seat and enjoy whisper quiet sound levels, all around visibility and seat mounted joystick controls. The large spacious cab combined with Caterpillar's exclusive hydraulic cylinder dampening make this the most comfortable seat on the farm.

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Environmental and customer friendly — Up to 95% recyclable content by weight



The Cat 926M Ag Handler sets a new standard for productivity, fuel efficiency and comfort. A high torque, low speed C7.1 ACERT engine works in concert with an intelligent hystat power train to deliver fuel efficiency as standard. A power boost in Range 1 for silage work maximizes productivity, while a boost in Range 4 gets you to the farm or field faster. 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.

Purpose Built Configuration Maximize performance and productivity while

minimizing operating costs.



Power-by-Range

Range 1: Power when you need it. Power boosted for silage work along with a unique power distribution tuned to keep you moving and flicking silage while working the steepest slopes.

Range 2 and 3: Standard power for muck, cereals and root crop work along with a power balance tuned for efficient loading cycles.

Range 4: Power boosted for roading to get you between farm and field quickly.

Wide Set 750 Tires

Maximize your stability with 750/65 MegaXbib flotation tires for rolling the clamp and working the side walls. A high mounted fender and added tire clearance keeps your windows clean and you working.

Fuel Efficient Quick Reverse

Roll the silage clamp efficiently with an adjustable forward rolling speed. Caterpillar's exclusive intelligent Hydrostatic Power Train allows you to interdependently adjust your forward speed in Range 1 from 1 km/h to 13 km/h while reverse speed stays fixed at a quick 13 km/h.

Breathe Clean

Maximize engine life and extend filter cleaning intervals with a turbine ejector precleaner. Keep cool with a reversing fan to purge the single plain, widely spaced core cooling package.







Intelligent Power Management

The Caterpillar exclusive Intelligent Power Management system monitors operator input and power availability to keep the machine working at peak efficiency.

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

Performance Power Mode

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

Six Cylinders of Efficient Power

The Cat C7.1 ACERT engine provides cleaner, quieter operation while delivering superior performance and durability through a high torque, low speed design. The engine meets Stage IV emission requirements 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) also referred to as Adblue™ 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 axles that can be engaged on the move at full torque with the pull of a trigger on the seat mounted joystick. Maximize your traction with optional Limited Slip Differential on the rear axle to keep you climbing.

Independent service brakes on front and rear axles provide robust stopping performance while a push button electronic park brake allows you to safely secure the machine with ease.







Optimized Z-bar Linkage

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

- Perfect Parallelism functionality available in Fork Mode gives truly predictable performance while high tilt forces throughout the working range help you safely and confidently handle loads with precise control.
- Visibility to bucket corners and fork tips at ground level remain excellent while sight lines at maximum lift are improved with a Generation II lift arm design.
- Lift higher and reach further with optional High Lift linkage available.

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.



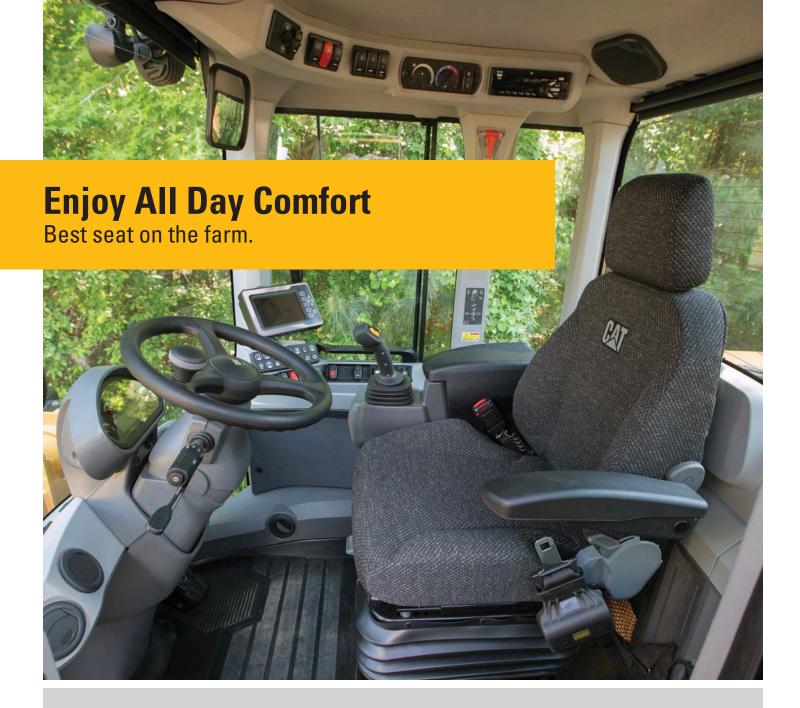
Smooth and Predictable Multi-Function Performance

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 dedicated hydraulic systems featuring one pump for the Intelligent Hydrostatic drive, a 2nd pump for the implements, and a 3rd 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 are easy to set on the go for tilt, lower and lift. This feature is ideal for applications where the work cycle is repeatable, allowing you to quickly return to programmed set points such as ground and level.
- Fine tune hydro-mechanical performance with fully adjustable 3rd and 4th function flow through the secondary display (when equipped) for a perfect marriage between machine and attachments.







Have a Seat and Experience:

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



An Easy Day at Work with:

- A spacious, safe, quiet operator environment featuring ergonomic controls, seat belt notification and optional bluetooth radio with integrated microphone plus an MP3 port.
- Easy access to vital machine parameters with a secondary 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 programmed kickout points with Caterpillar's exclusive electrohydraulic cylinder dampening.
- An even smoother ride with optional Ride Control when working unloaded and loaded with excellent material retention.
- Early starts and late finishes are made easier with optional LED lighting package that includes engine compartment lighting to illuminate the way for checking oil, and coolant level along with re-fueling the machine in dark conditions.













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.

Flexible Power Train

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

• Select your Power Train Mode:

- Torque Converter (TC) for smooth rollout.
- Hystat for aggressive engine braking.
- Default mode which blends the best of Hystat and Torque Converter characteristic.
- 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 secondary display to optimize your efficiency.

- Optimize hydraulic modulation with Fine Mode control when working with forks and long tools such as grain push arms.
- Quicker hydraulic response for a quick silage flick through Lift and Tilt response settings.
- Fully adjustable ride control activation speed along with 3rd and 4th function auxiliary flows.

Operator Profiles and Coded Start

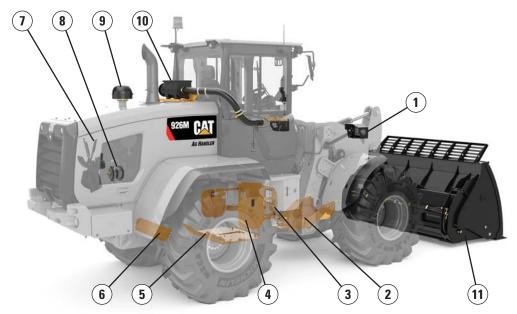
 The 926M Ag Handler will remember you and your personal settings with unique operator codes to make this machine truly yours and keep it secure when sitting away from home overnight.

Configured for Success

Ready to work for you.

The Way You Want It

A complete range of optional equipment and work tools give you the versatility to configure a 926M Ag Handler to be successful in your business. Get with your Caterpillar dealer to configure yours.



Guards:

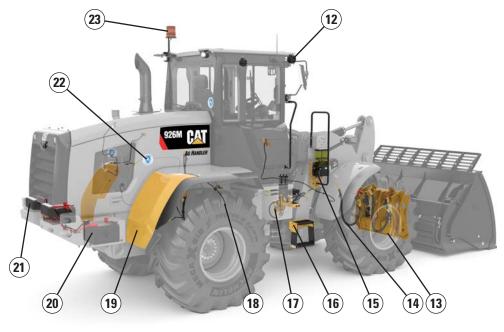
- 1) Lights
- 2) Drive shaft
- 3) Hitch
- 4) Side power train
- 5) Lower power train
- 6) Crank case

Debris Packages:

- 7) Reversing fan
- 8) Sealed alternator
- 9) Turbine precleaner
- 10) RESPA precleaner

Attachments:

11) Full range of tools



Other Options:

- 12) LED auxiliary lights
- 13) Coupler: Fusion™ and ISO
- 14) Auxiliary hydraulics: 3rd and 4th
- 15) Autolube
- 16) Windshield washing platform
- 17) Ride control
- 18) Elevated breathers: axles and gear box
- 19) Fenders: extended and full coverage
- 20) Cold start package
- 21) Rear object detection
- 22) Blue Angel certification
- 23) Beacon

Service

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 three year subscription to VisionLink®.
- Maintenance reminders through secondary display at scheduled intervals.
- Fit for Life Diesel Particulate Filter that is designed to exceed the engine overhaul life.
- Quick fuel filter service with Caterpillar's exclusive electric fuel priming pump.
- Jump start studs as standard equipment.
- Extended cleanouts with single plane cooling system and wide spaced six fins per inch coolers as standard.
- Integrated Autolube (optional) with adjustable greasing frequency.

Customer Support

Unmatched service makes the difference.

Renowned Cat Dealer Support

Rely on your Cat dealer to help you every step of the way with new or used machine sales, rental or rebuild options to meet your business needs.

Maximize your machine uptime with unsurpassed worldwide parts availability, trained technicians and customer support agreements.

Let us earn your business. Experience an M Series Small Wheel Loader and join the Caterpillar family.



Engine

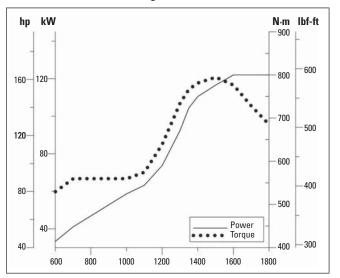
Power Mode		Performa	nce (HP+)			Standard				
	Range	1 and 4	Range	2 and 3	Range	1 and 4	Range 2 and 3			
Maximum Rated Gross Power	kW	hp	kW	hp	kW	hp	kW	hp		
Maximum Engine Speed		1,800) rpm			1,600) rpm			
ISO 14396	122	164	114	153	119	160	109	146		
ISO 14396 (DIN)	122	166	114	155	119	162	109	148		
Rated Net Power		1,800) rpm			1,600) rpm			
SAE J1349 at Minimum Fan Speed	117	157	110	148	115	154	105	141		
SAE J1349 at Maximum Fan Speed	107	143	100	134	105	141	95	127		
ISO 9249 (1977)/EEC 80/1269 at Minimum Fan Speed	119	160	111	149	116	156	106	142		
ISO 9249 (1977)/EEC 80/1269 at Maximum Fan Speed	109	146	101	135	106	142	96	129		
ISO 9249 (DIN) at Minimum Fan Speed	119	162	111	151	116	158	106	144		
ISO 9249 (DIN) at Maximum Fan Speed	109	148	101	137	106	144	96	131		
Maximum Gross Torque	N-	m	N	·m	N	m	N	·m		
ISO 14396	80)4	7:	21	80)4	72	21		
Maximum Net Torque										
SAE J1349	76	58	6	94	70	58	69	94		
ISO 9249 (1977)/EEC 80/1269	73	76	70	02	7	76	70	02		
Displacement	7.0	1 L	7.01 L		7.01 L		7.01 L			
Bore	105	mm	105 mm		105 mm		105 mm			
Stroke	135	mm	135 mm		135 mm		135 mm			

- Net power ratings are tested at the reference conditions for the specified standard.
- Net power shown is the 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 altitude. Auto derate protects hydraulic and transmission systems.
- The Cat C7.1 ACERT engine meets Stage IV emission standards.

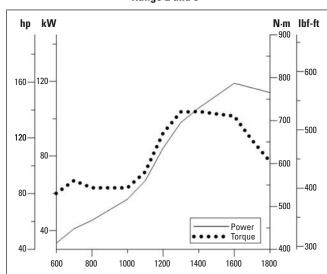
Engine Power and Torque Plots

Gross Power and Torque when running in Performance Mode (HP+)

Range 1 and 4



Range 2 and 3



Cab



- ROPS: SAE J1040 MAY94, ISO 3471-1994
- FOPS: SAE J/ISO 3449 APR98, Level II, ISO 3449 1992 Level II

Declared Sound Levels:

- Operator Sound Pressure Level (ISO 6396:2008): 68 dB(A)*
- Exterior Sound Power Level (ISO 6395:2008): 101 dB(A)*
- *The measurements were conducted at 70% of the maximum engine cooling fan speed. The 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.

Loader Hydraulic System



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

Maximum Flow – Implement Pump	150 L/min
3rd and 4th Function Maximum Flow*	150 L/min
Maximum Working Pressure – Implement Pump	26 000 kPa
Relief Pressure – Tilt Cylinder	28 000 kPa
3rd and 4th Function Maximum Working Pressure	26 000 kPa
3rd and 4th Function Relief Pressure	28 000 kPa
Lift Cylinder: Double Acting	
Bore Diameter	110 mm
Rod Diameter	60 mm
Stroke	728 mm
Tilt Cylinder: Double Acting	
Bore Diameter	130 mm
Rod Diameter	70 mm
Stroke	555 mm
Cycle Times (1,800 rpm) – Performance (HP+)	
Raise (Ground Level to Maximum Lift)	5.5 seconds
Dump (at Maximum Lift Height)	1.5 seconds
Float Down (Maximum Lift to Ground Level)	2.6 seconds
Total Cycle Time	9.6 seconds
Cycle Times (1,600 rpm) – Standard	
Raise (Ground Level to Maximum Lift)	6.2 seconds
Dump (at Maximum Lift Height)	1.7 seconds
Float Down (Maximum Lift to Ground Level)	2.6 seconds
Total Cycle Time	10.5 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).

Steering Articulation Angle Each Direction	40°
Steering Cylinder: Double Acting	
Bore Diameter	70 mm
Rod Diameter	40 mm
Stroke	438 mm
Maximum Flow – Steering Pump	130 L/min
Maximum Working Pressure – Steering Pump	24 130 kPa
Maximum Steering Torque	
0° (Straight Machine)	50 375 N·m
40° (Full Turn)	37 620 N⋅m
Steering Cycle Times (Full Left to Full Right)	
Minimum rpm: Pump Flow Limited	2.8 seconds
Maximum rpm: 90 rpm Steering Wheel Speed	2.4 seconds
Number of Steering Wheel Turns	Number of turns
Full Left to Full Right or Full Right to Full Left	3.5

Transmission



* Creeper control allows maximum speed range adjustability in the forward direction from 1 km/h to 13 km/h in Range 1 through the secondary display when equipped. Factory default is 7 km/h. Maximum reverse speed will be maintained at 13 km/h in Range 1 for a quick reverse.

	Forward	Reverse	
Range 1*	*1-13 km/h	13 km/h	
Range 2	13 km/h	13 km/h	
Range 3	27 km/h	27 km/h	
Range 4	40 km/h	40 km/h	

Power Train

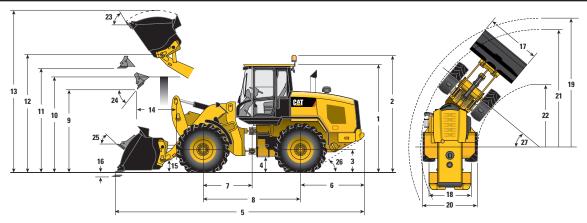


- Power train is governed by the Caterpillar exclusive Intelligent Power Management system to deliver peak performance and efficiency.
- * Differential front locking axle can be engaged on the go at full torque to 10 km/h.

Front Axle	Fixed
Traction Aid*	Locking differential standard
Rear Axle	Oscillating
Oscillation Angle by Tire Size	
20.5 R25	± 10.5 degrees
750/65, 620/65, Skidder	± 7 degrees
Traction Aid	Limited slip differential optional
Brakes	
Service	Inboard wet disc
Park	Spring applied hydraulically released
Tires	
* Base specification tire. Other tire choices available, contact your Cat dealer for details.	
20.5 R25, Radial (L-3)	Yes
20.5 R25, Radial (L-5)	Yes
620/65 R25 Ag Tire	Yes
750/65 R25 Ag Tire*	Yes
Service Refill Capacities	
Fuel Tank	195 L
Diesel Exhaust Fluid (DEF) Tank	19 L
Cooling System	30 L
Engine Crankcase	20 L
Transmission (Gear Box)	8.5 L
Axles	
Front	21 L
Rear	21 L
Hydraulic System (Including Tank)	160 L
Hydraulic Tank	90 L

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	High Lift
** 1 Height: Ground to Cab	3415 mm	3415 mm
** 2 Height: Ground to Beacon	3782 mm	3782 mm
** 3 Height: Ground Axle Center	760 mm	760 mm
** 4 Height: Ground Clearance	472 mm	472 mm
* 5 Length: Overall	7460 mm	8117 mm
6 Length: Rear Axle to Bumper	1986 mm	1986 mm
7 Length: Hitch to Front Axle	1500 mm	1500 mm
8 Length: Wheel Base	3000 mm	3000 mm
* 9 Clearance: Bucket at 45°	2903 mm	3396 mm
** 10 Clearance: Load Over Height	3405 mm	3625 mm
** 11 Clearance: Level Bucket	3655 mm	4148 mm
** 12 Height: Bucket Pin	3982 mm	4475 mm
** 13 Height: Overall	5222 mm	5715 mm
* 14 Reach: Bucket at 45°	997 mm	1234 mm
15 Carry Height: Bucket Pin	449 mm	639 mm
** 16 Dig Depth	25 mm	60 mm
17 Width: Bucket	2550 mm	2550 mm
18 Width: Tread Center	2060 mm	2060 mm
19 Turning Radius: Over Bucket	5930 mm	6248 mm
20 Width: Over Tires	2787 mm	2787 mm
21 Turning Radius: Outside of Tires	5574 mm	5574 mm
22 Turning Radius: Inside of Tires	2690 mm	2690 mm
23 Rack Angle at Full Lift	54°	51°
24 Dump Angle at Full Lift	49°	48°
25 Rack Angle at Carry	43°	47°
26 Departure Angle	33°	33°
27 Articulation Angle	40°	40°
Operating Weight	12 994 kg	13 272 kg

Dimensions listed are for a 926M Ag Handler configured with General Purpose 2.1 m³ Fusion buckets, bolt-on cutting edges, standard counterweights, 80 kg operator, and Michelin 750/65 R26 MegaXbib tires at a pressure of 2.76 bar in the front tires and 2.06 bar in the rear tires.

926M Ag Handler Bucket Specifications

Standard Lift Operating Specifications with Buckets

			Gen	eral Purp	ose			Light N	Material		
			7	0			***				
		Fusion			ISO 23727		Fusion		ISO 2	23727	
Rated Capacity	m^3	1.9	2.1	2.3	2.1	2.3	3.5	4.2	3.5	4.1	
Capacity – Rated at 110% Fill Factor	m^3	2.1	2.3	2.5	2.3	2.5	3.9	4.6	3.9	4.5	
17 Width: Bucket	mm	2550	2550	2550	2550	2550	2750	2750	2750	2750	
Nominal Material Density, 110% Fill Factor	kg/m³	1785	1598	1444	1517	1371	895	720	856	703	
9 Clearance: Full Lift, 45° Dump	mm	2960	2903	2854	2802	2752	2675	2555	2602	2482	
14 Reach: Full Lift, 45° Dump	mm	957	997	1035	1123	1160	1100	1220	1139	1259	
Reach: 2130 mm Clearance, 45° Dump	mm	1533	1547	1562	1623	1633	1528	1573	1521	1559	
Reach: Level Arm, Level Bucket	mm	2253	2325	2388	2486	2549	2578	2748	2657	2827	
16 Dig Depth	mm	25	25	25	19	19	25	25	50	50	
5 Length: Overall	mm	7388	7460	7523	7615	7678	7713	7883	7813	7983	
13 Height: Overall	mm	5151	5222	5280	5330	5388	5384	5546	5460	5627	
19 Turning Radius Bucket at Carry	mm	5908	5930	5949	5958	5979	6099	6154	6111	6169	
Tipping Load – Straight, ISO 14397-1*	kg	8716	8632	8552	8201	8124	8112	7854	7758	7478	
Tipping Load – Full Turn ISO 14397-1*	kg	7460	7382	7308	7010	6938	6895	6657	6592	6331	
Breakout Force	kg	10 156	9484	8959	8169	7759	7553	6620	7048	5922	
Operating Weight	kg	12 950	12 994	13 031	12 960	12 998	13 354	13 484	13 275	13 438	

^{*}Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculation and testing. Dimensions listed are for a 926M Ag Handler configured with buckets, bolt-on cutting edges, standard counterweights, 80 kg operator, and Michelin 750/65 R26 MegaXbib tires at a pressure of 2.76 bar in the front tires and 2.06 bar in the rear tires.

926M Ag Handler Bucket Specifications

High Lift Operating Specifications with Buckets

			Gen	eral Purp	ose			Light IV	Material		
			7	°a							
		Fusion			ISO 2	23727	Fus	ion	ISO 23727		
Rated Capacity	m^3	1.9	2.1	2.3	2.1	2.3	3.5	4.2	3.5	4.1	
Capacity – Rated at 110% Fill Factor	m^3	2.1	2.3	2.5	2.3	2.5	3.9	4.6	3.9	4.5	
17 Width: Bucket	mm	2550	2550	2550	2550	2550	2750	2750	2750	2750	
Nominal Material Density, 110% Fill Factor	kg/m³	1334	1192	1077	1143	1031	659	528	637	519	
9 Clearance: Full Lift, 45° Dump	mm	3453	3396	3347	3295	3245	3182	3063	3109	2991	
14 Reach: Full Lift, 45° Dump	mm	1194	1234	1272	1360	1396	1357	1479	1397	1520	
Reach: 2130 mm Clearance, 45° Dump	mm	2096	2115	2134	2200	2216	2120	2180	2122	2178	
Reach: Level Arm, Level Bucket	mm	2776	2848	2911	3009	3072	3101	3271	3180	3350	
16 Dig Depth	mm	60	60	60	54	54	60	60	85	85	
5 Length: Overall	mm	8045	8117	8180	8274	8337	8370	8540	8465	8635	
13 Height: Overall	mm	5644	5715	5773	5823	5881	5877	6039	5953	6120	
19 Turning Radius Bucket at Carry	mm	6223	6248	6270	6289	6313	6422	6483	6446	6510	
Tipping Load – Straight, ISO 14397-1*	kg	6576	6506	6440	6237	6172	6047	5835	5840	5601	
Tipping Load – Full Turn ISO 14397-1*	kg	5575	5509	5448	5278	5219	5075	4878	4901	4677	
Breakout Force	kg	9637	8997	8497	7738	7347	7152	6262	6671	5597	
Operating Weight	kg	13 228	13 272	13 310	13 238	13 276	13 633	13 762	13 553	13 716	

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

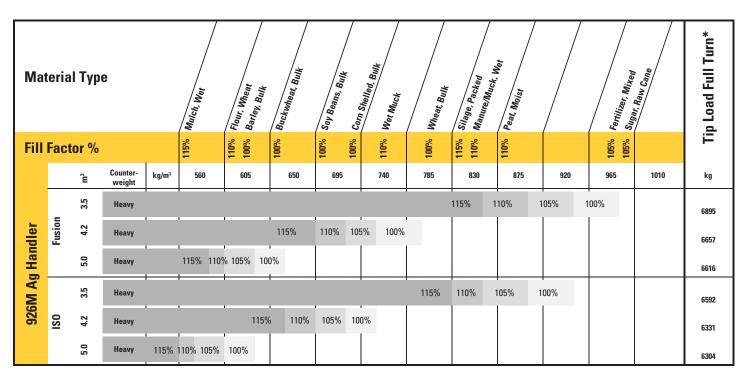
Dimensions listed are for a 926M Ag Handler High Lift configured with buckets, bolt-on cutting edges, standard counterweights, 80 kg operator, and Michelin 750/65 R26 MegaXbib tires at a pressure of 2.76 bar in the front tires and 2.06 bar in the rear tires.

926M Ag Handler Bucket Selection Tables

General Purpose Bucket Selection – Standard Lift

Mat	eria	I Тур	е			Ag Lime Sand, Dry and	Clay, Natural Bed, Dry Limon	Clay and Gravel IN.	25% Rock, 75% Ferri	Clar.	Sand and Gravel, Wet Sand, Damp	50% Rock, 50% E.	Sand, Wet	Grann	reel Pirun	Tip Load Full Turn*
Fill	Fact	or %				110% 105%		110% 105%	115% 105%	110%	105% 110%	115%	110%	110%		=
		Ē	Counter- weight	kg/m³	1340	1400	1460	1520	1580	1640	1700	1760	1820	1880	1940	kg
<u>_</u>		1.9	Heavy							115%	110	0%	105%	100%		7460
Handler	Fusion	2.1	Heavy				115%	110%	105	5%	100%					7382
Ag Ha	_	2.3	Heavy		115%	110%	105%	100%								7308
926M /	_	2.1	Heavy			115%	110%	105%	100	0%						7010
92	OSI	2.3	Heavy	1	10%	105%	100%									6938

Light Material Bucket Selection – Standard Lift



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

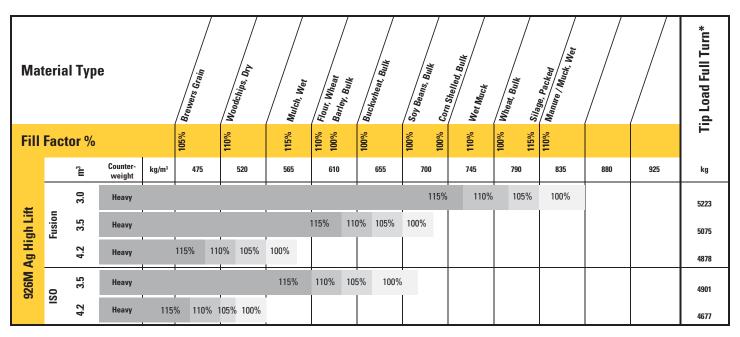
Material density, fill factor, and counterweight options are key variables when choosing the appropriate size of the bucket. The long floor and open throat design of the Performance Series Buckets along with the aggressive rack angles of the optimized linkage will demonstrate fill factors greater than 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.

926M Ag Handler Bucket Selection Tables

General Purpose Bucket Selection – High Lift

		I Тур	е		Jugar, Raw Cane			d, Wet	Salf	, tine					y and Gravel, Dry	Tip Load Full Turn*
Fill	Fact	or %		105%			110%		105%					110% 105% 105%		_
		E I	Counter- weight	kg/m³	1015	1060	1105	1150	1195	1240	1285	1330	1375	1400	1465	kg
		1.9	Heavy	,						115%	110%	105	%	100%		5575
High Lift	Fusion	2.1	Heavy			<u> </u>	115%	110%	105%	10	00%					5509
Ag Hig	_	2.3	Heavy	115%	11	0%	105%	100%								5448
926M Ag I	_	2.1	Heavy			115%	110%	105%	100	%						5278
6	ISO	2.3	Heavy	110	% 1	05%	100%									5219

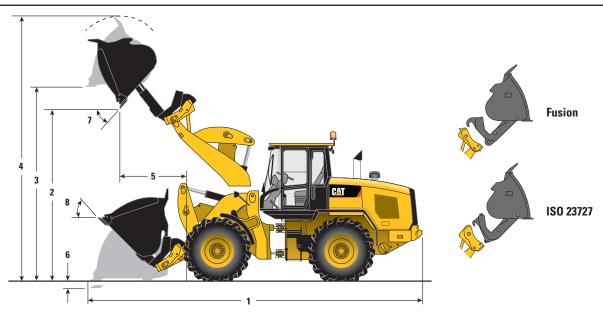
Light Material Bucket Selection – High Lift



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

926M Ag Handler Bucket Selection Tables

Operating Specifications with Rollout Buckets



				Standa	ard Lift				High	ı Lift	
			Fusion		I	SO 2372	7	Fus	ion	ISO 2	23727
Rated Capacity	m^3	3.0	3.5	4.1	3.0	3.5	4.1	3.0	3.5	3.0	3.5
Capacity - Rated at 110% Fill Factor	m^3	3.3	3.9	4.5	3.3	3.9	4.5	3.3	3.9	3.3	3.9
Bucket Width	mm	2528	2728	3032	2528	2728	3032	2528	2728	2528	2728
Nominal Material Density 110% Fill Factor	kg/m³	945	784	624	877	742	590	687	568	643	541
1 Length: Overall	mm	7849	7915	7993	8112	8112	8191	8506	8572	8771	8771
2 Dump Clearance: Full Lift Rolled Out	mm	4350	4407	4349	4474	4598	4541	4790	4846	4905	5032
3 Clearance: Level Bucket	mm	4681	4684	4722	4826	4924	4909	5132	5135	5265	5368
4 Height: Overall	mm	6343	6390	6443	6488	6630	6610	6794	6841	6928	7074
5 Reach: Full Lift Rolled Out	mm	1354	1391	1423	1546	1494	1527	1607	1647	1804	1758
6 Dig Depth	mm	25	25	40	19	19	34	60	60	54	54
Turning Radius Bucket at Carry	mm	6046	6155	6317	6108	6197	6359	6379	6486	6454	6538
7 Maximum Dump Angle	degree	50	49	49	55	48	48	52	52	58	51
8 Rack Angle at Carry	degree	43	43	43	41	41	41	47	47	46	46
Tipping Load – Straight ISO 14397-1*	kg	7400	7177	6755	6879	6806	6393	4534	4373	4244	4168
Tipping Load – Full Turn ISO 14397-1*	kg	6239	6037	5631	5788	5716	5318	4534	4373	4244	4168
16 Breakout Force	kg	6673	6295	5828	5464	5412	4989	6306	5945	5160	5107
Operating Weight	kg	13 734	13 823	14 153	13 693	13 782	14 112	14 012	14 101	13 971	14 060

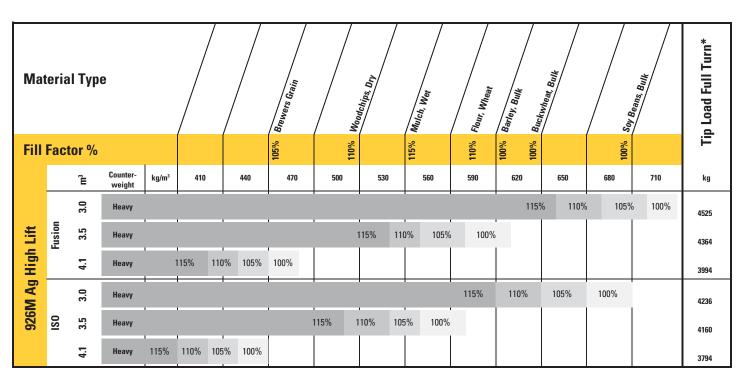
^{*}Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculation and testing. Dimensions listed are for a 926M Ag Handler configured with buckets, bolt-on cutting edges, standard counterweights, 80 kg operator, and Michelin 750/65 R26 MegaXbib tires at a pressure of 2.76 bar in the front tires and 2.06 bar in the rear tires.

926M Ag Handler Operating Specifications

High Dump Bucket Selection – Standard Lift

Mat	teria	аІ Тур	e		Mulch										Sugar, Raw Cane	Tip Load Full Turn*
Fill	Fac	tor %			115%	110% 100%	100%	100%	100%	100%	115% 110% 115%	110% 110%		105%	105%	-
		Ĩ	Counter- weight	kg/m³	545	590	635	680	725	770	815	860	905	950	995	kg
		3.0	Heavy					•		'		115%	110%	105%	100%	6229
ller	Fusion	3.5	Heavy					1	115% 110	105%	6 100%	6				6027
Handler		4.1	Heavy		115%	110%	105% 10	00%								5621
926M Ag		3.0	Heavy								115%	110% 10	5% 100%	6		5778
926	ISO	3.5	Heavy					115%	110% 105	5% 100%	%					5706
		4.1	Heavy	1	115% 110%	105% 100	0%									5308

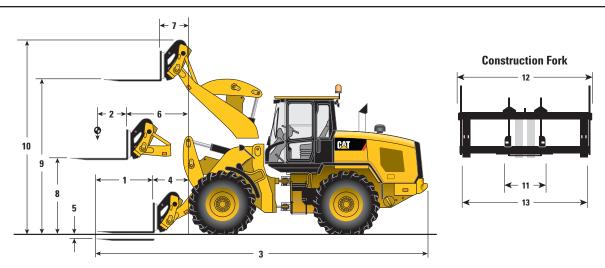
High Dump Bucket Selection – High Lift



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

926M Ag Handler Operating Specifications

Operating Specifications with Forks



		Standard Lift	High Lift
1 Fork Tine Length	mm	1524	1524
2 Load Center	mm	762	762
3 Length: Overall	mm	8236	8888
4 Reach: Ground	mm	915	1568
5 Dig Depth	mm	45	80
6 Reach: Level Arm	mm	1560	2083
7 Reach: Full Lift	mm	758	995
8 Clearance: Level Arm	mm	1804	1804
9 Clearance: Full Lift	mm	3705	4198
10 Height: Overall	mm	5010	5503
11 Minimum Fork Spacing	mm	300	300
12 Carriage Width	mm	2498	2498
13 Maximum Fork Spacing	mm	2375	2375
Tipping Load – Straight ISO 14397-1*	kg	6000	4814
Tipping Load – Full Turn ISO 14397-1*	kg	5124	4070
Operating Weight	kg	12 993	13 271
Rated Load			
50% of Tip: SAE J1197**	kg	2562	2035
60% of Tip: Rough Terrain EN474-3**	kg	3074	2442
80% of Tip: Firm and Level EN474-3**	kg	4099	3256

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

Dimensions listed are for a 926M Ag Handler configured with Fusion work tools, heavy counterweights, 80 kg operator, and Michelin 750/65 R26 MegaXbib tires at a pressure of 2.76 bar in the front tires and 2.06 bar in the rear tires.

^{**}Full compliance to EN474-3 and SAE J1197.

926M Ag Handler Supplemental Specifications

Optional Equipment

	Operating Weight	Tipping Load – Full Turn
Change with Options Removed	kg	kg
Secondary Steer	-69	-75
Ride Control	-49	-27
Guard, Power Train Side	-11	-10
Change with Options Added	kg	kg
Cold Start Package	+54	+104
Guard, Crankcase	+11	+16
Guard, Power Train Lower	+77	+77
Guard, Driveshaft	+44	+12

Tires

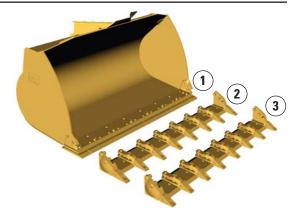
Change with Tire Option as Compared	Compared 20.5 R25 L3 620/75 R26	
to 750/65 R26 MegaXbib Tire	mm	mm
Vertical Heights	-75	-52
Reach: Bucket at 45°	+67	+10
Width: Over Tires	-313	-276
Turning Radius: Outside of Tires	-173	-134
Turning Radius: Inside of Tires	157	138
	kg	kg
Tipping Load – Straight	-13	-155
Tipping Load – Full Turn	-11	-134
Operating Weight	-20	-236





Ground Engagement Options

Change with Option Compared	Long Teeth and Segments	Short Teeth and Segments		
to Bolt-On Cutting Edge	mm	mm		
Dig Depth	+12	+5		
Length: Overall	+146	+121		
Dump Clearance	-103	-82		
Reach	+104	+89		
	kg	kg		
Tipping Load – Straight	-148	-142		
Tipping Load – Full Turn	-145	-139		
Breakout Force	-121	-115		
Operating Weight	+120	+116		



¹⁾ BOCE 2) Long 3) Short

926M Ag Handler Standard Equipment

Standard Equipment

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

POWER TRAIN

- · Axle seal guards
- Auto idle shut down feature
- Cat C7.1 ACERT engine
- Power Modes (Standard and Performance)
- -Power by Range (High Power in Range 4)
- -Turbocharged and aftercooled
- -Diesel particulate filter (Fit for Life)
- Coolant protection to -34° C
- Differential lock in front axle
- Dry type air cleaner
- Enclosed wet disc full hydraulic brakes
- Fuel priming pump, automatic
- Fuel water separator
- Hydraulically driven demand cooling fan
- Intelligent hydrostatic transmission
- -Power train modes
- Directional Shift Aggressiveness
- -Rimpull control, adjust wheel torque
- -Creeper control, adjust ground speed
- · Lubed for life driveshafts
- · Parking brake, electric
- Wide spaced six fins per inch cooling package
- S·O·SSM sampling ports
- Throttle lock and maximum speed limiter
- · Cab. deluxe
- Automatic blower control
- Electrically adjustable heated mirrors (2)
- -LED interior lighting
- Secondary display to adjust settings
- -Sunscreen, front and rear
- Ride control adjustable speed activation
- Preventative maintenance reminders
- Integrated help function (26 languages)
- · Camera, rearview

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
- · Secondary steering

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 subscription
- Remote jump start post
- Resettable critical function breakers

OPERATOR ENVIRONMENT

- 75 mm retractable seat belt, with audible alarm and indicator
- Automatic temperature control
- · Cab, enclosed and pressurized
- Cup holders
- External heated mirrors with lower parabolic
- · Ground level cab door release
- Gauge
- Digital hour, 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

926M Ag Handler Optional Equipment

Optional Equipment

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

- · Antifreeze/coolant, extended-life
- Auto lube, integrated in secondary display
- · Auxiliary flow, third and fourth function
- Axles, differential, limited slip, rear
- Beacon light, strobe
- · Cold start package
- -Ether starting aid, block heater and additional batteries, 1,000 CCA (4 total)
- Coupler, (Fusion and ISO 23727)
- Debris packages (low, medium, high)
- Fenders (extended cover and full coverage)

- Guards
- Power train, (lower, side, driveshaft and crankcase)
- -Windshield and lights
- -Cylinders, tilt and steering
- -Rear radiator, heavy duty
- · Linkage, high lift
- Lights, auxiliary, halogen or LED with engine compartment lights
- 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 mid 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.
- Tires
- -Radial, 20.5 R25
- -Agriculture, 620/75, 750/65 R26
- · Attachments

Notes

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