

5M Tractors

Massive Versatility and Value



JOHN DEERE





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Mid-Sized Tractor, Massive Versatility and Value

With multiple transmission options and a selection of open operator stations (OOS) or cab packages to choose from, the 5M tractors provide massive versatility to meet the needs of your operation. With two-wheel drive or Mechanical Front-Wheel Drive (MFWD) options, you'll find the choice that's right for you.



1 | Manoeuvrability

The 5M can manoeuvre into tight spaces, like barns, alley ways, through gates or mowing around obstacles. The brake valve on the 5M reduces the stopping distance when the brakes are applied, helping you manoeuvre and stop with greater precision and ease.

2 | Performance

You'll get excellent performance in tough conditions, thanks to the open-centre hydraulic system. Plus, the great traction and increased payload of the redefined 5M means you'll make fewer trips and get more done in less time.

3 | Reliability

Built for long hard days in the field, the heavy-duty axles withstand tough field conditions, delivering dependable performance, the 5Ms give you reliability you can count on.



4 | Mid-Frame Design

Enjoy the additional heft when hauling heavy bales or transporting 3-point implements, thanks to the rugged cast iron design of the 5M. The design provides extra strength and rigidity, giving you more stability for loader work, putting more power to the ground and improving traction in tough field conditions.

5 | Powerful Engine

John Deere PowerTech™ turbocharged diesel engines are designed to meet stringent Final Tier 4 (FT4) emissions requirements while still delivering powerful low-end torque. The responsive power and outstanding torque reserve of the 5Ms let you pull heavy loads and handle challenging field conditions.

6 | Versatility

Whether you choose a cab or open operator station (OOS), the 5Ms are designed with fingertip controls, and all-day comfort and convenience. The OOS gives you a smooth ride with great visibility. The cab provides a quiet ride with an optional premium high-backed, heated seat with low frequency suspension, so you'll feel like you're riding on air.

Transmissions

Effortlessly switch directions without manually clutching or braking thanks to the electrohydraulic Left-Hand Reverser available on all 5M Tractors. Shift on-the-go and under load with the fully synchronised ranges and gears available on all 5Ms. Transport faster at up to 30 km/h on 2WDs with PowrReverser transmissions or 40 km/h on all MFWD models with any transmission.



PowrQuad™ PLUS

The PowrQuad PLUS is ideal for baling, loader work, tillage, and frequent transport. A single range shift lever is all you need to get the job done in 16 forward and 16 reverse speeds (16F/16R). Easily change gears with a push of the upshift/downshift buttons and change ranges without foot clutching using the hand de-clutch button on the same lever. Tune your speed to your work's range with the 20-percent change in speed of each of the four speed shifts in each range. Available on 5095M, 5105M, 5120M and 5130M.



Powr8™

Baling, tillage, loader work and frequent transport are a breeze with the Powr8 transmission. Save fuel costs with ECO shift, allowing you to transport at up to 40 km/h with reduced engine speed. The Powr8 transmission provides 32 forward and 16 reverse (32F/16R) speeds with a single shift lever. Easily change gears with a push of the upshift/downshift buttons and change ranges without foot clutching using the hand de-clutch button on the same lever. Enjoy a finer adjustment of speed to tune your work's range with the speed shift, giving you a 10-percent change in speed. Feeding cattle or working in high-value crops are easier with the optional creeper, giving you two additional slow working ranges, providing you eight speeds in each forward and four in each reverse gear, so you can choose the speed you need. Available on 5095M, 5105M, 5120M and 5130M.

PowrReverser™

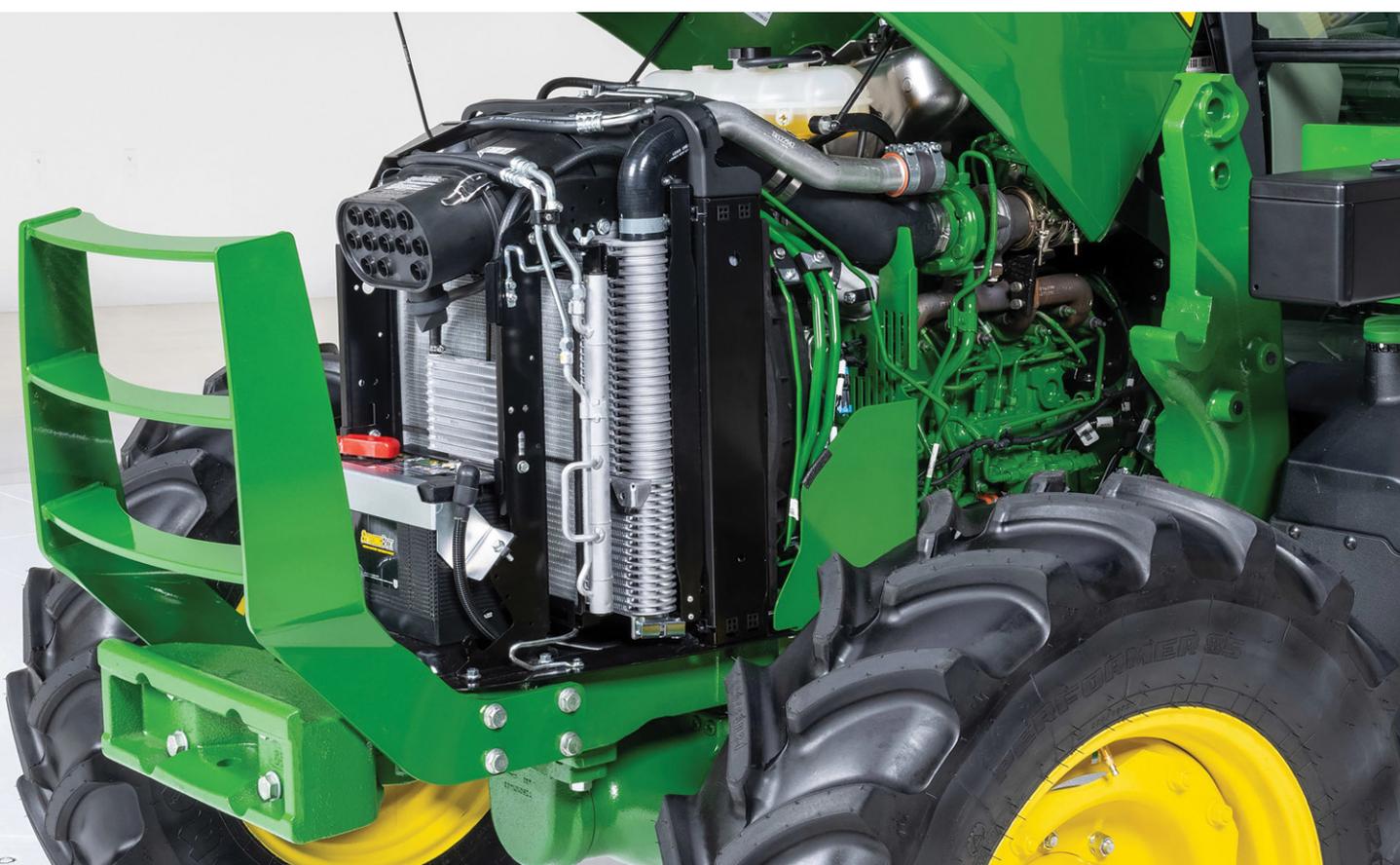
The two-lever shift strategy of the PowrReverser transmission works well for jobs without frequent shifting, for example, loader work, mowing or spraying. The PowrReverser comes standard with 16F/16R speeds or with an optional Hi-Lo splitting each forward gear for a 32F/16R. Baling and headland turns get easier with a 20-percent increase or decrease in speed in each forward gear with the Hi-Lo push-button shifting. Available on 5075M, 5095M, 5105M, 5120M.

Engine

John Deere 5M tractors now boast an additional five horsepower, allowing you to pull heavier implements at up to 95 kW (128 hp) with the redefined 5130M. The 5M 4-Cylinder models feature the same proven engine as the extra small frame 6M in the same manoeuvrable tractor with great visibility you've come to expect from the 5Ms. Available on 5095M, 5105M, 5120M, 5130M.

5M Power Line-Up

Model	Rated Power	Engine
5075M	55.0 kW (73.8 hp)	3 -cyl. EWX (no DEF)
5095M	70.0 kW (93.9 hp)	4 -cyl. EWL
5105M	77.4 kW (103.8 hp)	4 -cyl. EWL
5120M	88.5 kW (118.6 hp)	4 -cyl. EWL
5130M	95.8 kW (128.5 hp)	4 -cyl. EWL



Solid Capability

Whatever the job, the Final Tier 4 (FT4), 4.5 L, EWL engine in our 5095M-5130M models will deliver more than enough power. Operators can be assured they have a dependable engine to pull through the tough spots.



Straightforward Power

For customers searching for a no DEF engine solution, the 5075M features our 3 cylinder, 2.9 L, EWL engine. The EWL engine still achieves FT4 requirements through its use of Diesel Oxidation Catalyst (DOC) and a Diesel Particulate Filter (DPF).



Cab Comfort

When you climb into the 5M cab, it hits you right away: it feels big, and you get a phenomenal view of everything you're working with. And whether you choose an open operator station (OOS) or a cab, there's room to get comfortable and controls laid out for intuitive, effortless and efficient tractor operation.



Improved Dashboard Display

5M Tractors with PowrQuad™ PLUS or Powr8™ transmissions feature a three-screen digital display. The three-screen dashboard features the vital information you need, including one fully customisable LCD. Plus, with optional AutoTrac™ Basic, you'll also have straight line AutoTrac integrated into the dash.

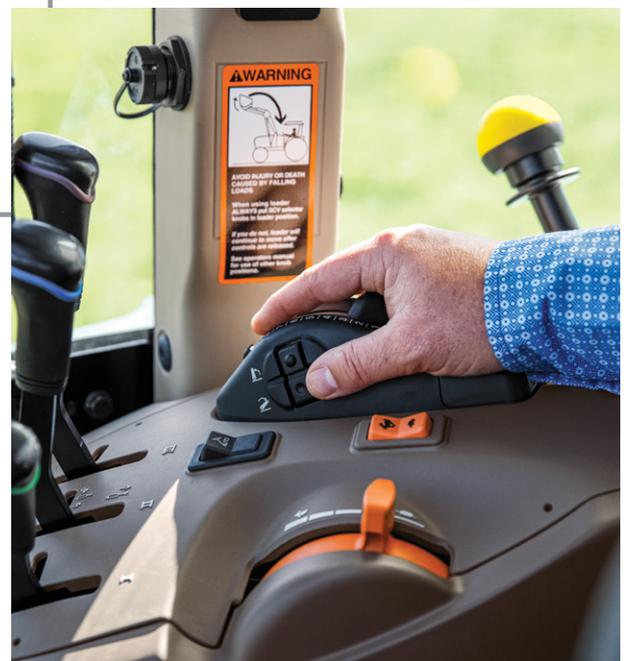


Light the Night with LED Lighting

Get maximum visibility, productivity and energy efficiency with optional LED lighting or choose economical halogen lights. The LED package includes full LED roof work lights and front headlights for better visibility and productivity in low light conditions.

Comfort & Controls at Your Fingertip

Operate in comfort and with ease, with colour-coded controls at your fingertips. Cabs provide ultimate comfort with top-of-the line air-conditioning/heating included and optional seat upgrades. Bluetooth radio is available in the premium cab, while the standard cab is radio ready.



Hydraulics, Hitches and PTO

Our 5M tractors are all about connecting skilled operators directly to the implement, so whether you're using loaders, mowers, or other attachments, you'll be in control. And thanks to the 5M's open-centre hydraulic system, you'll be able to perform multiple functions with hydraulic performance on demand.

Heavy Duty 3-Point Hitch

The 5M 3-point hitch provides lift capacity and adjustability for implement versatility. For more capacity, larger hitch lift cylinders are available. You can also order your 5M with electrohydraulic hitch control, allowing you to raise and lower your implements with even more precise control.

Rear PTO Choices

When ordering your 5M you'll be able to select from two rear PTO options: a two speed 540/540E or the three speed 540/540E/1000.





Front Hitch & PTO

Operate mowers and more with the front hitch and PTO. The factory-installed option adds even more versatility to the 5M models featuring PowrQuad™ PLUS and Powr8™ transmissions.

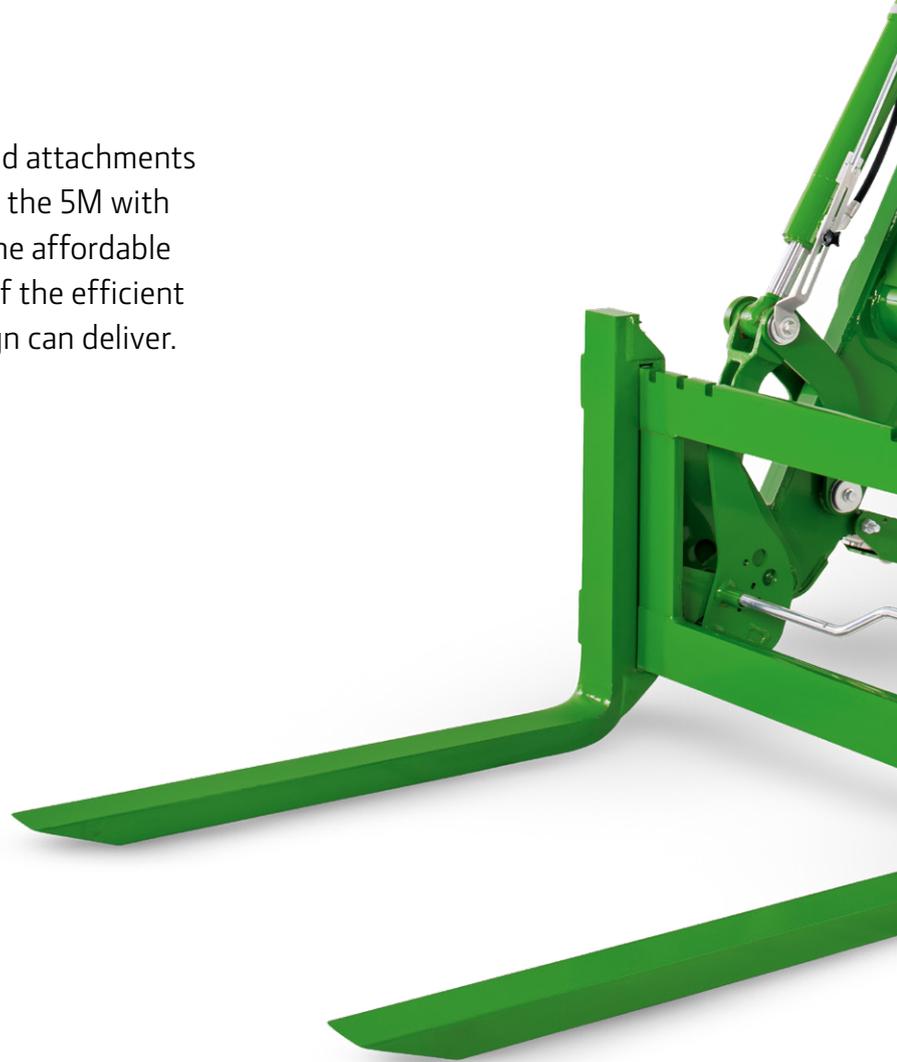


At Your Fingertips

Ergonomically laid out within easy reach for convenient, one hand operation, your hydraulic controls put you in effortless command.

Front Loaders

Always a perfect match, tractor, loader and attachments are designed and built for each other. Get the 5M with the versatile high-performance 543R or the affordable 543M Front Loader, and take advantage of the efficient ease of use only our fully integrated design can deliver.



“Click & Go” front loader mounting comes as standard and could not be quicker, safer or more convenient, thanks to the patented self-correcting floating system of the built-in automatic mast latch.



543R Front Loader: made for the 5M

Thanks to our patented Automatic Latch designs, installing the loader and implements is as easy as Click & Go. Our original levelling link design makes more power available for lifting and never gets in the way of the operator's view of the action.



Easy-fit

Every 5M tractor can be fitted with a loader-ready package ex-works, including mounting frames, hood protection, in-cab joystick and all the internal electrical and hydraulic connections.



Powergard Protection Plan™

When you protect your equipment with a PowerGard Protection Plan, your business has the steady machine uptime and non-stop peak performance it needs to thrive.

Base level of protection that covers unusual events that can lead to costly repairs, and also covers the main drivetrain components.

PowerGard agreements protect you against unexpected repair costs and keep your maintenance on track with genuine parts. Two fixed rate packages provide increasingly comprehensive levels of cover to keep your machine running at peak performance with steady uptime.

Comprehensive (Full Machine)

- Engine
- Electrical
- Powertrain
- Steering and brakes
- Hydraulics
- Frames, axles and bearings
- Operator's station

Limited

- Engine
- Powertrain

Services That Benefit You

John Deere dealers have access to several cutting-edge digital remote tools that allow them to provide you with a suite of proactive services tailored to your needs.

Remote Machine Monitoring

It's yet another service that sets John Deere apart. Upon your consent, our Machine Dashboard displays the operating condition data and error codes to your dealer in real time. They can remotely connect to the machine, run further diagnostics and perform remote software updates to help you faster than ever before. Plus, our Expert Alerts are included as well.

Automatic Maintenance Planning

You'll always be perfectly on track with your maintenance. Automated notifications can be based on actual machine hours or calendar dates and alert you to maintenance tasks which need to be performed.

Remote Operator Support

You need instant advice and can't wait for someone to come to the paddock? Remote Display Access allows your dealer expert to remotely assist you and your operators with machine / implement setup and more – like being virtually in the cab.

Operations Center

You want to properly store and manage field boundaries, guidance lines, documentation data and have access to a full suite of farm management tools? Then this is the right package element for you.

All remote services require a JDLink™ telematics module, and customer consent. Participating dealers only. Exact services scope depends on individual dealers' offerings.



Expert Alerts

Expert Alerts, our newest remote diagnostics advancement, is based on smart software algorithms that can predict many potential technical issues before they have a negative impact or cause damage. Repairs become plannable while downtime and costs can be reduced significantly.

Expert Check

Using a special John Deere inspection checklist, your dealer expert performs a thorough technical examination of your machine. He will advise you on what measures to take and take care of all relevant software updates to ensure maximum uptime in the next season.

Optimisation Visit

Benefit from dealer product specialist experience to fully exploit your machine's capabilities. Thanks to their detailed product knowledge, dealer product specialists can help you by reviewing your current machine settings and providing improvement recommendations.

Precision Ag Technology

Connect with What Counts

Your land, your herd, your fleet and your crop are important to you. You chose this work and this lifestyle because you care about it. John Deere 5M Series Tractors and its technology help you connect with the things you care about more deeply.

JDLink™ puts you in control of being more connected to your tractor. Being connected gives property owners more time to play or work with their tractor, the convenience of having all the information they need to run their tractor when they want, and the confidence that if a problem arises, they'll know what to do or have remote support available from their Dealer if they need more help.

Dairy and livestock producers gain more time to work on their farm and with their animals and make data-driven decisions by being connected. For high-value crop growers, or other businesses managing a fleet of tractors, being connected provides visibility to their whole fleet in one place, so they can tell where it is and what it needs, as well as information about equipment location and performance to enable training and improved efficiency. No matter your needs, JDLink helps you manage your land, your fleet, your crop, or your herd.



Stay on track with AutoTrac™

Save fuel, reduce overlaps and inputs with AutoTrac technology options. Stay on track in straight-line mowing jobs, or more efficiently spray pastures thanks to AutoTrac.



Ready for Technology

Whether it's added on or available from the factory, an abundance of technology options are available on 5M Utility Tractors. From AutoTrac™ to JDLink™ to GreenStar™/ISOBUS ready, your John Deere Dealer can help you decide what technology options are available to bring more efficiency to your operation.



Choosing Your 5M

Whether it's mowing, moving bales or feeding cattle, the 5M Utility Tractors get the job done. Choose from five horsepower options:

5075M

55 kW (73 hp)

Featuring a John Deere PowerTech™ Diesel 3-cylinder engine and requiring no diesel exhaust fluid (DEF), the 5075M is available with a PowrReverser™ transmission and open operator station (OOS) or climate-controlled cab, 2WD and MFWD options and a flange axle. All these features make the 5075M perfect for chores on a livestock or dairy farm.

5095M

69 kW (93 hp)

Handle heavier chores with the 5095M, which features a John Deere PowerTech Diesel 4-cylinder engine, cab or OOS and multiple transmission options. Choose from a PowrReverser, PowrQuad PLUS™ or Powr8™ transmission options. 5095M models are available in both 2WD or MFWD options.

5105M

77 kW (103 hp)

Loaders, moving bales and pulling implements are no problem for the 5105M. PowrReverser, PowrQuad PLUS and Powr8 transmission options are available on the 5105M with a 4-cylinder John Deere PowerTech Diesel Engine, 2WD or MFWD options and climate-controlled cab or OOS choices.



5120M

88 kW (118 hp)

Mow and more with the 5120M featuring the John Deere PowerTech Diesel 4-cylinder engine and PowrReverser, PowrQuad PLUS or Powr8 transmission options. The 5120M is available in MFWD, with climate-controlled cab or OOS options.

5130M

95 kW (128 hp)

Pull heavier implements with the powerful 5130M with a John Deere PowerTech Diesel 4-cylinder engine, with PowrQuad PLUS or Powr8 transmission options available in MFWD and cab options only.

POWRREVERSER™ 16F/16R OR 32F/16R HI-LO

MODEL	5075M	5095M	5105M	5120M
Operator station	Open Operator Station (OOS) or Cab			
Rated engine power @ 2200 rpm kW (hp)	55.0 (73.8)	70.0 (93.9)	77.4 (103.8)	88.5 kW (118.6 hp)
Rated Power Take-Off (PTO) @ 2100 rpm kW (hp)	43 (57.7)	55.9 (75.0)	63.4 (85.0)	74.6 (100.0)
PowerTech™ engine type	3-cylinder (2.9 L) EWX		4-cylinder (4.5 L) EWL	
Aftertreatment	DOC/DPF		DOC/SCR	
Rear Power Take-off (PTO)	Standard: 540 at 2100 rpm/540E at 1645 rpm Optional: 540 at 2100 rpm/540E at 1645 rpm/1000 at 2100 rpm with reversible stub shaft			
Remote Selective Control Valves (SCVS)	Rear: 2/up to 3 total with Mechanical Lever control Mid: 2 with Mechanical Joystick control			
Total pump rated output (L/min)	94			
Hitch draft control type	Mechanical or Electrohydraulic			
Rear hitch category 2 lift capacity (kg)*	Standard: 2,336 Optional: 2,699			
Optional front hitch & PTO	Lift capacity (kg)*	Not Available		1,882** Category 2
	Front PTO	Not Applicable		
2WD or MFWD	2WD or MFWD		MFWD only	
Rear axle	Flange			
Dimensions***	Wheelbase (mm)	2,350		
	Length (mm)	3,753		
	Height (mm, cab)	2,695		
	Width (mm, without/with fender extensions)	1,880/2,175		
Weight (kg, MFWD OOS/MFWD cab)***	3,630/4,175			
Weight (kg)	OOS (L)	142.7		
	Cab (L)	165.4		
Diesel exhaust fluid (DEF) tank capacity (L)	Not Applicable		12.0	

*Hitch lift capacity measured at 610 mm in behind lift point using Electrohydraulic (EH) hitch.

**Field Install Kit only

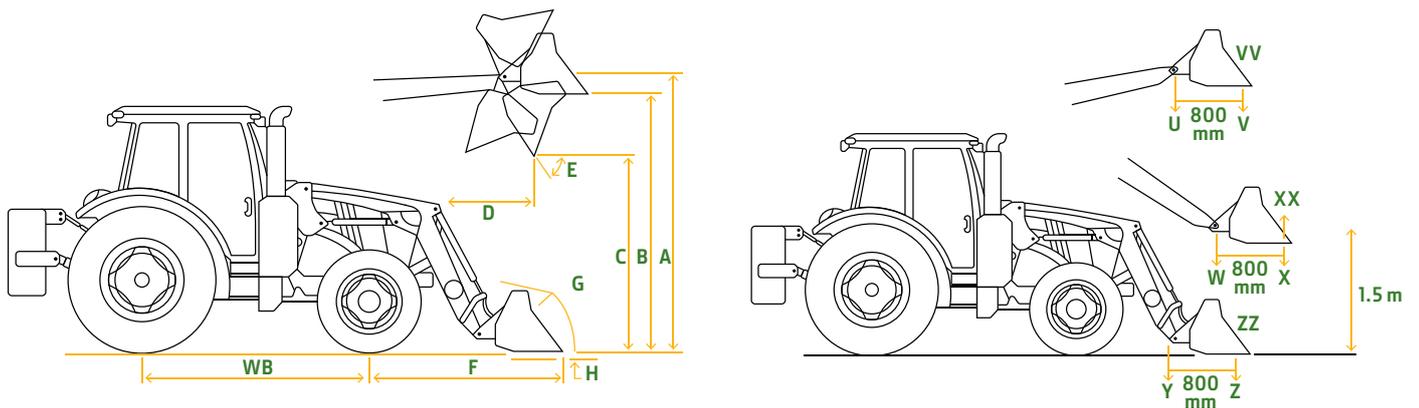
*** Dimensions and weight will vary based on machine configuration

POWRQUAD™ PLUS/POWR8™ PLUS 16F/16R OR POWR8™ 32F/16R

MODEL	5095M	5105M	5120M	5130M
Operator station	Cab only			
Rated engine power @ 2200 rpm kW (hp)	70.0 (93.9)	77.4 (103.8)	88.5 (118.6)	95.8 (128.5)
Rated Power Take-Off (PTO) @ 2100 rpm kW (hp)	55.9 (75.0)	63.4 (85.0)	74.6 (100.0)	82.0 (110.0)
PowerTech™ engine type	4-cylinder (4.5 L) EWL			
Aftertreatment	DOC/SCR			
Rear Power Take-off (PTO)	Standard: 540 at 2100 rpm/540E at 1645 rpm Optional: 540 at 2100 rpm/540E at 1645 rpm/1000 at 2100 rpm with reversible stub shaft			
Remote Selective Control Valves (SCVs)	Rear: 2/up to 3 total with Mechanical Lever control Mid: 2 with Mechanical Joystick control			
Total pump rated output (L/min)	97			
Hitch draft control type	Electrohydraulic			
Rear hitch category 2 lift capacity (kg)*	Standard: 3,164 Optional: 3,569			
Optional front hitch & PTO	Lift capacity (kg)*	1,882 Category 2		
	Front PTO	1000 rpm @ 2200 rpm		
2WD or MFWD	MFWD only			
Rear axle	Flange			
Dimensions***	Wheelbase (mm)	2,350		
	Length (mm)	3,753		
	Height (mm, cab)	2,695		
	Width (mm, without/with fender extensions)	1,880/2,175		
Weight (kg, MFWD cab)***	4,175			
Fuel tank capacity	OOS (L)	Not Applicable		
	Cab (L)	165.4		
Diesel exhaust fluid (DEF) tank capacity (L)	12.0			

Loader				543M MSL		543R NSL (†NZ ONLY)		543R MSL	
Bucket				1,850 mm Standard		Heavy-duty 1,850 mm		Heavy-duty 1,850 mm	
Bucket weight		kg		216		272		272	
Lift capacity [^] @ full height	Measured @ pivot	(U)	kg	1,451		2,060		1,696	
	Measured @ 800 mm ahead of pivot	(V)	kg	1,509		1,335		1,712	
Lift capacity [^] @ 1.5 m (59 in.) lift height	Measured @ pivot	(W)	kg	1,439		2,210		2,084	
	Measured @ 800 mm ahead of pivot	(X)	kg	1,723		1,652		1,942	
Boom breakout	Measured @ pivot	(Y)	kg	1,460		2,329		2,547	
	800 mm ahead of pivot	(Z)	kg	1,564		1,615		2,092	
Bucket rollback force	@ Maximum height	(VV)	kg	2,739		1,649		1,700	
	@ 1.5 m (59 in.) lift height	(XX)	kg	2,732		2,711		2,731	
	@ Ground level	(ZZ)	kg			2,566		2,572	
Maximum lift height [^]		(A)	mm/in.	3,680 / 145		3,679 / 145		3,681 / 145	
Clearance [^]	@ Full height—bucket level	(B)	mm/in.	3,417 / 135		3,440 / 135		3,441 / 135	
	@ Full height—bucket dumped	(C)	mm/in.	2,647 / 104		2,676 / 105		2,677 / 105	
Overall length		(WB+F)	mm/in.	4,739 / 187		4,695 / 185		4,700 / 185	
Digging depth [^]		(H)	mm/in.	-75 / -3		-104 / -4		-102 / -4	
Reach [^]	@ Maximum height	(D)	mm/in.	651 / 26		790 / 31		791 / 31	
	@ Ground—bucket level	(F)	mm/in.	2,489 / 98		2,395 / 94		2,400 / 94	
Bucket angles	Dump angle @ full height	(E)	degrees	-60		-58		-58	
	Rollback @ ground	(G)	degrees	48		47		47	
	Dump angle @ ground		degrees	-98		-151		-100	
Cycle times	Loader raise		sec	6.0		4.4		4.0	
	Loader lower		sec	4.4		3.3		2.9	
	Bucket dump		sec	6.0		3.3		2.2	
	Bucket rollback		sec	7.5		2.2		2.2	

[^]The values may vary according to the tractor and loader settings/configuration.
[†] Due to legislation, NSL loaders are not compliant in Australia.





Nothing runs like a Deere

Whether you need us for advice, to solve a problem, or for a part—reach out and we'll be there. Plus, we've got you covered with our PowerGard Protection Plan™, which provides comprehensive protection for total peace of mind.



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