

5M Tractors

Redefined Utility Tractors



JOHN DEERE



Redefined Utility Tractors.

You asked for premium features in a tractor that fits your operation. John Deere listened with the redefined **5M Utility Tractors.**

Premium Features

Now you can shift gears easier with less foot clutching with PowrQuad™ PLUS and Powr8™ transmission options on the 5M Tractors. These transmission options focus more on the job while maintaining power to the ground. You can also pull heavier implements with higher horsepower (hp) options, up to 123 hp on the 5125M. Do it all while reducing overlaps, saving on inputs and staying on track with integrated Auto-Trac™ straight line technology on the redefined 5M.

Right-Sized Tractor

Get all those features in the tractor that best meets the needs of your operation. Handle heavier implements thanks to the heavier weight of the redefined 5M. You get that additional productivity in the maneuverable mid-sized tractor you love, making it easy to clean alley ways or move materials into narrow spaces. The visibility remains great, too. Whether you're hauling bales or doing loader work, you'll enjoy the best-in-class loader visibility with the optional Panorama Roof. With these features it's easy to see how the 5M fits on any operation.



5M Utility Tractors

74–123 HP

Whether it's mowing hay, moving snow or roadside mowing, the 5M Utility Tractors get the job done. Choose from 5 horsepower options.

5075M

74 Engine HP

Featuring a John Deere PowerTech™ Diesel engine, multiple transmission options and open station or climate-controlled cab, the 5075M is perfect for chores on a livestock or dairy farm.

5090M

89 Engine HP

Handle heavier chores with the 5090M and its John Deere PowerTech Diesel engine, cab and transmission options.



5100M

99 Engine HP

Loaders, moving bales and pulling implements are no problem for the 5100M with new transmission options, a John Deere PowerTech Diesel Engine and climate-controlled cab.

5115M

114 Engine HP

Mow, bale and more with the 5115M featuring the John Deere PowerTech Diesel engine, multiple transmission options and a comfortable cab.

5125M

123 Engine HP

Pull heavier implements with the powerful 5125M with a John Deere PowerTech Diesel engine, with easier gear shifting with new transmission options.

5 Series Utility Tractors. Which is right for you?

5E

50–100 HP

If you need a simple, reliable tractor to handle chores around the farm, property or roadside, the 5E Tractors may be right for you. Available in 3- or 4-cylinder models.

5M

74–123 HP

The redefined 5M Tractors provide more productivity and technology. The 5M provides the premium features you want in the right-sized tractor for your operation.

5R

90–125 HP

The 5R Tractors provide the premium mid-sized tractor with top technology, comfort and transmission options you can only get on the 5R.

Redefined 5M Features

More Transmission Options

Effortlessly switch directions without manually clutching or braking thanks to the electrohydraulic Left Hand Reverser available on all 5M Tractors.



Powr8™

Get 32 forward and 16 reverse speeds with a single shift lever with the Powr8 transmission. Easily change gears and ranges without foot clutching, thanks to the de-clutch button and upshift and downshift buttons. The Powr8 features four manually shifted ranges and eight electronically shifted speeds in each forward range. A creeper transmission is available as an option.

Available on 5090M, 5100M, 5115M and 5125M

PowrQuad™ PLUS

A single shift lever is all you need to get the job done in 16 forward and 16 reverse speeds with the PowrQuad PLUS transmission. Easily change gears and ranges without foot clutching, thanks to the de-clutch button and upshift and downshift buttons. The PowrQuad features four manually shifted ranges and four electronically shifted speeds in each range.

Available on 5090M, 5100M, 5115M and 5125M

PowrReverser™

The PowrReverser comes standard with 16 forward and 16 reverse speeds with an optional Hi-Lo splitting each forward gear for a 32F/16R. Both feature a two-lever shifting strategy: one to shift between ranges and the other between gears. A de-clutch button reduces foot clutching between gears along with the optional electronic Hi-Lo.

Available on 5075M, 5090M, 5100M and 5115M





More Horsepower

Pull larger implements at up to 123 hp with the redefined 5125M. This increased power comes in the same maneuverable tractor with great visibility you've come to expect from the 5Ms.



Redefined 5M Features

Advanced Technology



Stay on track with AutoTrac™

Save fuel, reduce overlaps and inputs with integrated AutoTrac™ guidance systems. Stay on track in your straight line mowing jobs or spraying pastures thanks to AutoTrac. Best of all, it comes integrated on the redefined 5Ms from the factory, with no need for an additional display, saving you money.



Connected Technology

Monitor information on the go, with John Deere connected technologies. You can view diagnostic codes, see recommended services intervals, access maintenance information and more with the TractorPlus™ app available for Apple and Android devices. You can easily connect your 5M Tractor to your mobile device with the optional field installed Smart Connector with Bluetooth® connectivity.



JDLink™

Support your machine and people to keep your operation running, with JDLink™. Set security alerts if your tractor moves away from a predefined area, stream machine and field data to your John Deere Operations Center account, and enable remote support from your John Deere Dealer.



Comfort & Convenience



Cab with a View

Enjoy a panoramic view that offers clear sightlines and easier operation when lifting bales or doing loader work above the cab with the optional Panorama Roof.



LED Lighting

Available full LED lighting package for better visibility and productivity in low light conditions.



Improved Dashboard Display

AutoTrac™ in the dash with a three-screen digital display, available on models with PowrQuad™ PLUS or Powr8™ transmissions, features the vital information you need, plus one fully customizable LCD screen for custom functions, reverser modulation and more.



GreenStar™ Ready/ ISOBUS Ready

5M models with PowrQuad PLUS and Powr8 transmissions are GreenStar/ISOBUS ready, allowing you to map, record data and control compatible implements with simple plug-and-play of your display and receiver, allowing you to unlock some implement functions.



Front Hitch & PTO

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



Controls at Your Fingertips

Operate in comfort and with ease, thanks to ergonomically placed, color-coded controls. Cabs provide ultimate comfort with standard air-conditioning/heating and optional seat upgrades.

Proven 5M Features

Maximum Maneuverability

The 5M can maneuver into barns and other tight spaces. With a short turning radius of 12.6 ft. (3.85 m), the 5M is designed for tight areas. The brake valve on the 5M reduces the stopping distance when the brakes are applied, helping you maneuver and stop with greater precision and ease.

Reliability You Can Count On

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



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 and excellent fuel economy. The responsive power and outstanding torque reserve of the 5Ms let you pull heavy loads and handle challenging field conditions.

Proven Performance

Perform multiple functions when you need hydraulic power the most, thanks to the 5M open-center hydraulic system. The dual-pump allows dedicated flow for steering systems and implement and loader hydraulics. You'll get excellent performance in tough conditions, thanks to the radial tire options. Great traction and increased payload of the redefined 5M means you'll make fewer trips and get more done in less time.



Exclusive Mid-Frame Design

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

Comfort, Convenience & Control

Whether you choose a cab or open operator station, the 5Ms are designed with ergonomic controls and all-day comfort and convenience. The open operator station gives you a smooth ride with great visibility and extended entrance ladders from both the left- and right-hand sides of the tractor. 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.

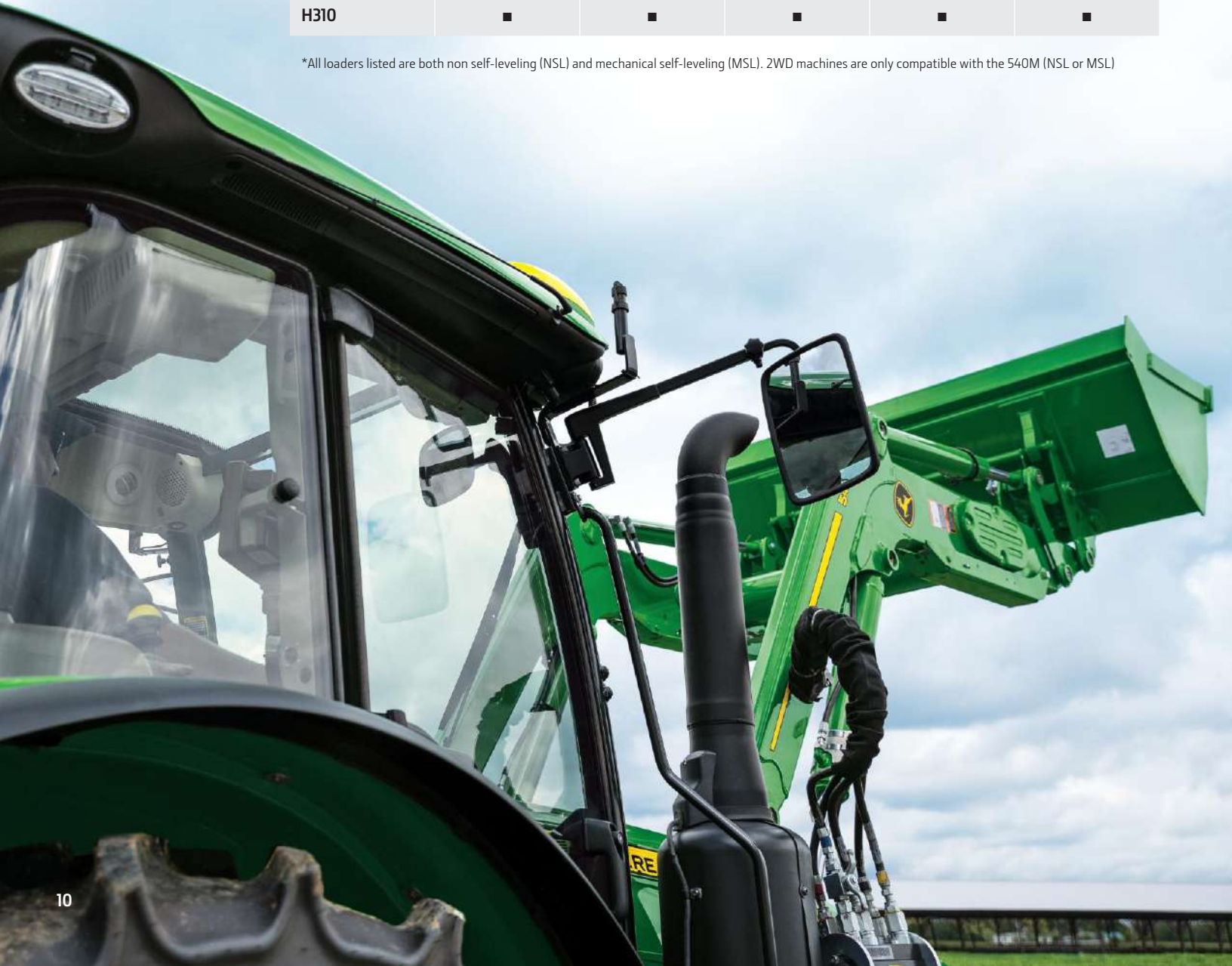
Built to Load

Tractor and loader frames work together to lift and distribute heavy loads. When you combine a 5M with one of six loader options you'll get positive, aggressive filling and fast, complete emptying. For applications where a level bucket is ideal, like pallet fork work, a mechanical self-leveling (MSL) loader fits the bill. For applications requiring more lift capacity at max height, select from our non-self-leveling (NSL) options. Carry loads over hay fields and other uneven ground with ease, thanks to the optional Load Suspension available when you order your loader.

Tractor/Loader Compatibility*

	5075M	5090M	5100M	5115M	5125M
540M	■	■	■	■	■
540R	■	■	■	■	■
H310	■	■	■	■	■

*All loaders listed are both non self-leveling (NSL) and mechanical self-leveling (MSL). 2WD machines are only compatible with the 540M (NSL or MSL)



Find the Right Implement to do the Job

The 5Ms are right in nearly any application, but to do the job right, you need the right implement. That's where John Deere and Frontier™ Equipment can help.



Round Balers

John Deere Round Balers help you provide the best forage to your herd.



Mower-Conditioner

Whether you need a side-pull, center-pivot or front- or rear-mount Mower-Conditioner, John Deere has a machine for you.



Bale Spears

Frontier has Loader-Mount or 3-Point Bale Spears for round or square bales in multiple sizes.



Pallet Forks

With Frontier Pallet Forks, you can lift pallets, load lumber, move bulky material and more.



Box Blades

Frontier Box Blades level uneven ground and simplify grading tasks.



Snow Blowers

Frontier has Loader-Mount and 3-Point Snow Blowers to help you move snow so you can get on with the rest of your work.



Rotary Cutters

John Deere provides the most expansive lines of rotary cutters in the industry.



Disc Mowers

John Deere Disc Mowers are designed with speed and convenience in mind.



Raking Equipment

Frontier Rotary Rakes and Wheel Rakes provide fast raking speed and maximize hay quality.

Support & Service: The John Deere Difference

Your 5M Tractor and other John Deere equipment is a long-term investment. John Deere understands that and provides more parts and an unrivaled dealer network to support you.

We're committed to what we call the **John Deere Difference** that consists of providing you with:

- The Right Part for Any Budget
- Highly Trained Expert Technicians
- 12 Months Parts & Labor Warranty
- Short & Long Term Financing Options.

John Deere Connected Support™

John Deere equipment features optional technology to help you resolve maintenance challenges quickly. **John Deere Connected Support™** senses potential issues and can alert you promptly—anywhere you are. Your dealer can also receive alerts and, with your permission, connect to your equipment remotely for further diagnostics.

With John Deere Connected Support:

You Can:

- Monitor alerts from your machine remotely
- Monitor engine hours and utilization
- View machine location and get driving directions to the site
- Monitor fuel level and idle time.

Your Dealer Can:

- Monitor alerts coming from your machine
- Remotely connect to your machine for real-time diagnosis
- Leverage Expert Alerts from John Deere to address potential future downtime
- Perform software updates from the dealership.



Protect Your Investment

PowerGard™ Protection Plan lets you purchase additional protection beyond the normal John Deere factory warranty.

John Deere Financial

John Deere Financial offers value no other lender can—a deep understanding of your industry, unmatched equipment expertise, and personalized financial solutions that can be quickly arranged through your dealer at the time of your purchase. Visit JohnDeereFinancial.com to learn more.



Specifications		PowrReverser™			
		5075M	5090M	5100M	5115M
Operator Station		Open Operator Station (OOS) or Cab			
Rated Engine HP @ 2200 rpm		73.9 hp (55.1 kW)	89.3 hp (66.6 kW)	99.2 hp (74.0 kW)	114.0 hp (85.0 kW)
Rated Power Take-Off (PTO) HP @ 2100 rpm		57.7 hp (43kW)	75 hp (55.9 kW)	85 hp (63.4 kW)	100 hp (74.6 kW)
PowerTech™ Engine Type		3-cylinder (2.9 L)	4-cylinder (4.5 L) PWS		
Aftertreatment		Final Tier IV compliant engines deliver power, torque, and fuel economy with active regeneration cycle that does not impact performance			
Rear Power Take-off (PTO)		Standard: Independent 540/540E Field Install Kit: 540/540E/1000 reversible stub shaft**			
Remote selective control valves (SCVs)		Rear: 2/up to 3 total with Mechanical Lever control Mid: 2/up to 3 total with Mechanical Joystick control			
Total pump rated output		24.7 gpm (94 L/min)			
Hitch draft control type		Mechanical or Electrohydraulic			
Rear Hitch Category 2 (convertible to 1)	Lift capacity*	Standard: 5,150 lb (2336 kg) Optional: 5,950 lb (2699 kg)			
	Lift capacity*	4,257 lb (1931 kg)** Category 2			
Optional Front Hitch & PTO	Front PTO	Not Available			
2WD or MFWD		2WD or MFWD			MFWD only
2WD Turning radius	w/brakes	12.04 ft (3.67 m)			Not Applicable
	w/o brakes	12.6 ft (3.85 m)			
MFWD turning radius	w/brakes	12.6 ft (3.85 m)			
	w/o brakes	13.1 ft (4.0 m)			
Wheelbase		92.5 in (2350 mm)			
Fuel tank capacity	OOS	39.2 gal (148.4 L) Opt**: 47.1 gal (178.3 L)	29.9 gal (113.2 L) Opt**: 37.7 gal (142.7 L)		37.7 gal (142.7 L)
	Cab	43.7 gal (165.4 L) Opt**: 52 gal (196.8 L)	35.4 gal (134.0 L) Opt**: 43.7 gal (165.4 L)		43.7 gal (165.4 L)
Diesel exhaust fluid (DEF) tank capacity		Not Applicable	3.17 Gal (12.0 L)		

*Hitch lift capacity measured at 24 in behind lift point using Electrohydraulic (EH) hitch

**Field Install Kit only

The engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the manufacturer's web site for additional information.

PowrQuad™ PLUS/Powr8™				
	5090M	5100M	5115M	5125M
	Cab only			
	89.3 hp (66.6 kW)	99.2 hp (74.0 kW)	114.0 hp (85.0 kW)	123.2 hp (91.9 kW)
	75 hp (55.9 kW)	85 hp (63.4 kW)	100 hp (74.6 kW)	110 hp (82 kW)
	4-cylinder (4.5 L) PWL			
	Standard: Independent 540/540E Optional: 540/540E/1000 reversible stub shaft			
	25.6 gpm (97 L/min)			
	Electrohydraulic			
	Standard: 6,970 lb (3161 kg) Optional: 7,860 lb (3565 kg)			
	4,257 lb (1931 kg) Category 2			
	1000 rpm @ 2200 rpm			
	Not Applicable			
	35.4 gal (134.0 L) Opt**: 42.4 gal (160.5 L)		42.4 gal (160.5 L)	

Discover the Redefined 5M Tractor at
JohnDeere.com/5M

