

# 5M Tractors

Mid-Sized Tractor, Massive Versatility and Value



JOHN DEERE





# MID-SIZED TRACTOR, MASSIVE VERSATILITY AND VALUE

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

Whatever model you choose, you'll find options for the premium features you want and need, or more standard options if that better fits your operation. Either way, you're sure to find a mid-sized tractor that matches your jobs with the 5M.

## 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 let you select what works best for you. You can also pull heavier implements with higher horsepower (hp) options, up to 128 hp on the 5130M. Do it all while reducing overlaps, saving on inputs, and staying on track with AutoTrac™ technology available using a Precision Ag Display on the redefined 5M.

## RIGHT-SIZED TRACTOR

You'll get the premium features in a maneuverable tractor that best meets the needs of your operation. The 5M continues to have great maneuverability, whether you are cleaning alley ways or moving materials into narrow spaces. The visibility remains great, too. Whether you're hauling bales or doing loader work, you'll enjoy the great loader visibility and the Panorama roof available on the premium cab models. Whether you need a climate-controlled cab or OOS, low- to high-clearance and a wide variety of tire sizes, the 5M tractors provide you the variety of offerings you demand. With these features, it's easy to see how the 5M fits in any operation.



5075M



5095M



5105M



5120M



5130M

## 5M UTILITY TRACTORS

### 73 - 128 hp

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

#### **5075M 73 engine 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 93 engine 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 2WD or MFWD options and with bar or flange axles.

#### **5105M 103 engine 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 118 engine HP**

Mow, bale 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, climate-controlled cab or OOS options, and with bar or flange axles.

#### **5130M 128 engine 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. The 5130M is available with bar or flange axles.

## 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 PowrReverser™ 73 - 118 HP:** 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 16 forward and 16 reverse speeds (16F/16R) 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.

**5M PowrQuad™ PLUS 93 - 128 HP:** 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 16F/16R speeds with the PowrQuad PLUS transmission. 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. Make connections to ISOBUS implements and GreenStar™ Displays simpler with ISOBUS/ GreenStar Ready option or upgrade to an integrated AutoTrac™ experience with available AutoTrac Ready.

**Powr8™:** Baling, tillage, loader work and frequent transport are a breeze with the Powr8 transmission. Transport at up to 24 mph (40 km/h) at reduced engine speed saving you fuel costs, while delivering the power to get the job done with ECO shift. Get 32 forward and 16 reverse (32F/16R) speeds with a single shift lever with the Powr8 transmission. 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. Make connections to ISO-BUS implements and GreenStar™ Displays simpler with ISOBUS/ GreenStar Ready option or upgrade to an integrated AutoTrac™ experience with available AutoTrac Ready.



# FEATURES THAT REDEFINE THE 5M

## MORE TRANSMISSION OPTIONS

*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 synchronized ranges and gears available on all 5Ms. Transport faster at up to 18 mph (30 km/h) on 2WDs with PowrReverser™ transmissions and 24 mph (40 km/h) on all MFWD models.*

### **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 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

### **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) with the PowrQuad PLUS transmission. 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. Transport at up to 24 mph (40 km/h) at reduced engine speed saving you fuel costs, while delivering the power to get the job done with ECO shift. Get 32 forward and 16 reverse (32F/16R) speeds with a single shift lever with the Powr8 transmission. 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

### **BAR AXLES & CAST WHEELS**

Get flexible wheel spacing to better align with row widths and dual rear wheel capabilities thanks to the bar axles and cast wheels available on the 5M Utility Tractors. Cast wheels provide additional ballasting and rear weight options. You can also choose steel wheels and flange axles, providing massive flexibility on the 5Ms. **Available on** 5095M, 5105M, 5120M and 5130M

### **MORE HORSEPOWER**

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

# COMFORT AND 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 Panorama roof on the premium cab.

### 1. IMPROVED DASHBOARD DISPLAY

5M Tractors feature a three-screen digital display, available on models with PowrQuad™ PLUS or Powr8™ transmissions. The three-screen dashboard features the vital information you need, plus one fully customizable LCD that can show functions, such as reverser modulation speed available on the PowrQuad™ PLUS or Powr8™ models.

### 2. COMFORT & CONTROLS AT YOUR FINGERTIP

Operate in comfort and with ease, with color-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.

### 3. LIGHT THE NIGHT WITH LED LIGHTING

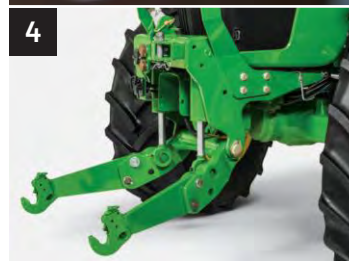
Available full LED lighting package on both headlights and work lights provide better visibility and productivity in low light conditions. Get maximum visibility, productivity and energy efficiency with optional LED lighting or choose economical halogen lights, if you prefer.

### 4. FRONT HITCH & PTO

Operate snow blowers, 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.

### 5. 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.





## PROVEN 5M FEATURES

### MAXIMUM MANEUVERABILITY

The 5M can maneuver into tight spaces, like barns, alley ways, through gates or mowing around obstacles. With a maximum steering angle of 50 degrees and a shorter 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 fields conditions, delivering dependable 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. 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 provides dedicated flow for steering and brakes simultaneously to the 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.

### RIDE IN COMFORT IN CAB OR OPEN OPERATOR STATION

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 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 cast iron 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 loader suspension system available either when you order your loader or later as a kit. You'll enjoy the easy-to-use joystick, optional 3rd function controls, and hydraulic hookups with multi-coupler or single-point hydraulic connections.

## TRACTOR/LOADER COMPATIBILITY

|      | NON<br>SELF-LEVELING (NSL) | MECHANICAL<br>SELF-LEVELING (MSL) |
|------|----------------------------|-----------------------------------|
| 540M | 2WD / MFWD                 | 2WD / MFWD                        |
| 540R | MFWD                       | MFWD                              |
| H310 | MFWD                       | NOT COMPATIBLE                    |



# 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. Contact your John Deere Dealer to learn more.*

## 1. ROUND BALERS

Find the right round baler to meet your operation and livestock needs with John Deere offerings. Maintain uniform bale density with the vertical forming chamber available on all John Deere round balers.

## 2. MOWER-CONDITIONERS

Whether you need a side-pull or center-pivot Mower-Conditioner, with cutting widths from 8 ft. 2 in. (2.5 m) to 16 ft. 4 in. (5 m) and up to four conditioning options, John Deere has a machine for you.

## 3. BALE SPEARS

Frontier offers a full line of loader-mounted and 3-point bale spears to move round and large square bales. The loader-mounted bale spears will fit your loader carrier type with no tools required to install or remove the bale spear from John Deere loaders.

## 4. PALLET FORKS

Move pallets, fence posts, or other bulky material easily with Frontier pallet forks with a strong steel frame. Add even more versatility to your pallet forks with a grapple attachment to complete even more jobs, such as hauling logs.

## 5. LAND PLANE

Level land with Frontier Land Planes that are iMatch™ quick-hitch compatible, ensuring a super-quick connection. Frontier land planes are a great tool for maintaining a gravel drive, smoothing a horse arena, leveling a garden and more.

## 6. BOX BLADES

Level uneven ground and simplify grading tasks with Frontier Box blades. Hook up the blade and lock and unlock the hitch from the seat in many tractors with the easy attachability and optional quick hitch compatibility.



### 7. ROTARY CUTTERS

Meet the needs of your job with the full line of John Deere rotary cutters. You'll find fast, reliable mowing and trimming at a friendly price with the standard duty rigid Frontier cutters. If you need added strength or to tackle tough weeds Frontier medium and heavy-duty cutters fit the bill.

### 8. DISC MOWERS

Easily hook up John Deere and Frontier disc mowers to the three-point hitch. You can hook them up from the tractor with the quick hitch compatibility.

### 9. RAKING EQUIPMENT

Meet your hay raking needs with two different types of rakes from Frontier. Reduce crop plugging for increased productivity in the field with the high-clearance frame with maximum distance between the transport and raking wheels that allows a high-volume of crop to flow through the Frontier wheel rakes. Increase hay quality, reduce hay dry down time, and enhance baler productivity with the Frontier rotary rake.

### 10. GRAPPLES

Move debris, brush, rocks, trees and more with Frontier grapple options. Easily install and remove the Frontier grapples and increase the versatility to complete more tasks with your tractor and loader.

### 11. DISK HARROWS

Break up the ground and distribute the soil with adjustable gangs that allow you to match the aggressiveness of the disk harrow blades to meet your application. Whether preparing a seedbed or a food plot, Frontier disk harrows are a great tool for your property or small farm.

### 12. ROTARY TILLERS

Prepare your seedbed with Frontier rotary tillers offered in forward or reverse tine configurations. Set the tilling depth to meet your needs with adjustable skid shoes and the rear tailgate provides a smooth finish. All Frontier rotary tillers are gear driven for better efficiency and reliability.

### 13. 3-POINT SNOW BLOWER

Snow removal from long driveways, barn yards, and parking lots is made easy with a Frontier three-point mounted snow blower.





|  |                | PowrReverser™ 16F/16R or 32F/16R Hi-Lo   |   |                    |                    |
|--|----------------|--|---|--------------------|--------------------|
|  |                | 5075M  | 5095M   | 5105M              | 5120M              |
| Operator Station                         |                | Open Operator Station (OOS) or Cab   |   |                    |                    |
| Rated Engine HP @ 2200 rpm               |                | 73.9 hp (55.0 kW)  | 93.9 hp (70.0 kW)                                   | 103.8 hp (77.4 kW) | 118.7 hp (88.5 kW) |
| Rated Power Take-Off (PTO) HP @ 2100 rpm |                | 57.7 hp (43 kW)  | 80 hp (58.8 kW)                                     | 90 hp (66.2 kW)    | 105 hp (77.2 kW)   |
| PowerTech™ Engine Type                   |                | 3-cylinder (2.9 L) EWX   | 4-cylinder - 4045 (4.5 L) EWL                       |                    |                    |
| Aftertreatment                           |                | DOC/DPF  | DOC/SCR   |                    |                    |
| Rear Power Take-off (PTO)                |                | Standard: 540 at 2100 rpm/540E at 1645 rpm<br>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<br>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 lbs. (2336 kg)<br>Optional: 5,950 lbs. (2699 kg)   |   |                    |                    |
| Optional Front Hitch & PTO               | Lift capacity* | Not Available  | 4,257 lb (1931 kg)** Category 2                     |                    |                    |
|  | Front PTO      | Not Applicable   |   |                    |                    |
| 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)   |   |                    |                    |
| Rear Axle                                |                | Flange   | Standard: Flange    Optional: Rack-and-pinion (Bar) |                    |                    |
| Wheelbase                                |                | 92.5 in. (2350 mm)   |   |                    |                    |
| Fuel tank capacity                       | OOS            | 32.9 gal. (148.4 L) Opt**<br>47.1 gal (178.3 L)  | 37.7 gal. (142.7 L)                                 |                    |                    |
|  | Cab            | 43.7 gal (164.4 L) Opt. **<br>52 gal. (196.8 L)  | 43.7 gal. (165.4 L)                                 |                    |                    |
| Diesel exhaust fluid (DEF) tank capacity |                | Not Applicable   | 31.7 gal. (12.0 L)                                  |                    |                    |

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

\*\*Field Install Kit only



|  | PowrQuad™ PLUS/Powr8™ PLUS 16F/16R or Powr8™ 32F/16R         |                       |                       |                       |
|--|--|-----------------------|-----------------------|-----------------------|
|  | 5095M  | 5105M                 | 5120M                 | 5130M                 |
|  | Cab only   |                       |                       |                       |
|  | 93.9 hp<br>(70.0 kW)   | 103.8 hp<br>(77.4 kW) | 118.7 hp<br>(88.5 kW) | 128.5 hp<br>(95.8 kW) |
|  | 80 hp<br>(58.8 kW)   | 90 hp<br>(66.2 kW)    | 105 hp<br>(77.2 kW)   | 115 hp<br>(84.5 kW)   |
|  |  |                       |                       |                       |
|  |  |                       |                       |                       |
|  |  |                       |                       |                       |
|  | 25.6 gpm (97 L/min)  |                       |                       |                       |
|  | Electrohydraulic   |                       |                       |                       |
|  | Standard: 6,975 lb (3164 kg)<br>Optional: 7,868 lb (3569 kg) |                       |                       |                       |
|  | 4,257 lb (1931 kg) Category 2                                |                       |                       |                       |
|  | 1000 rpm @ 2200 rpm  |                       |                       |                       |
|  |  |                       |                       |                       |
|  |  |                       |                       |                       |
|  |  |                       |                       |                       |
|  |  |                       |                       |                       |
|  | Not Applicable   |                       |                       |                       |
|  |  |                       |                       |                       |