

4 Family

44 – 66 hp Compact Utility Tractors



Meet the 4 Family Tractors

Hometown: Grovetown, Georgia

Warning: once you read this brochure, you'll want to take a drive. First to your John Deere dealer, and then in the seat of a 4M or 4R Tractor. Trust us, experiencing the 4 Family Tractors is worth that drive. You'll like the feel of control, the feel of John Deere quality, the feel of comfortable.

There's a reason these tractors feel right.

Available from 44 to 66 engine horsepower, the 4 Family is designed and built at the John Deere factory in Grovetown, Georgia, a little closer to home than many compact utility tractors. The men and women who work at Grovetown are part of a long tradition of building John Deere quality. A tradition that runs all the way back to John Deere himself, a 19th century Vermont blacksmith who developed an innovative plow that turned Midwestern prairies into highly productive cropland.

For more than 175 years the company John Deere founded has been linked to those who work the land; committed to providing the equipment, technology, and reliability that gets the job done. We hope you enjoy the read, because we know you'll enjoy the ride.





Ward off rain and sun with the optional operator canopy



Grab it with the versatile 4-in-1 bucket, shown here on the H180MSL Loader.

The 4M Tractor all the “bells” you need

The 4M models deliver dependable, economical power, along with a long list of great standard features. You'll find 4M Tractors at work on landscape jobs, farms, horse operations, recreational properties and in municipal fleets.



“Not only are they buying a John Deere, they’re buying my craftsmanship”



Open station models: 4044M, 4052M, 4066M
4-cylinder diesel engine with great torque reserve (p. 6)
Choice of PowrReverser™ or e-Hydro transmission (p. 8–9)
Wet disk brakes (p. 10)
Planetary final drives (p. 10)
Independent PTO with modulated engagement (p. 6)
Great rear hitch capacity (p. 11)
4-wheel drive (p. 10)
Differential Lock for better traction (p. 10)
Folding ROPS (RollOver Protective Structure)
Rugged, rust and dent-resistant composite hood
Optional wheel spacers (p. 14)
Optional telescoping draft links (p. 11)
Optional cruise control (p. 8)

The 4R Tractor all the bells, plus a bunch of “whistles”

The 4R models deliver more features and more options. There's Hitch Assist for easier implement hookup; optional hydraulic down pressure for faster postholes and more aggressive scraping; an e-PTO that can cut fuel usage up to 20 percent; plus an optional cab to keep you comfortable all year.

Open station or cab models: 4044R, 4052R, 4066R
4-cylinder diesel engine with great torque reserve (p. 6)
Choice of PowrReverser™ or e-Hydro transmission (p.8-9)
Wet disk brakes (p. 10)
Planetary final drives (p.10)
Independent PTO with modulated engagement (p. 6)
Great rear hitch capacity (p. 11)
4-wheel drive (p. 10)
Differential Lock for better traction (p. 10)
HitchAssist™ 3-Point control (p. 11)
Folding ROPS (RollOver Protective Structure) (OOS – Open Operator Station)
Rugged, rust and dent-resistant composite hood
Swivel seat (OOS) (p. 7)
Optional fuel-saving e-PTO (p. 6)
Optional wheel spacers (p. 14)
Optional telescoping draft links (p. 11)
Optional cruise control (p. 8)
Optional hydraulic 3-point down pressure (p. 11)
Optional ComfortGuard™ Cab (p. 7)
Optional Air Ride seat (p. 7)



“We want to make darn sure it’s out-the-door perfect”

Bring it on! 4-cylinder diesels that will get you through the tough spots

Any engine can get you through “easy”. You need power that will get you through “tough”. That’s what you’ll find on all six of the 4M and 4R Tractors—4-cylinder diesels with the torque reserve to keep going when the going gets tough. These engines also run quiet, with a rated speed of just 2600 rpm and insulated under-hood muffler. The standard oil cooler extends oil and engine life. Direct injection of fuel delivers fast starts, even in cold temperatures. And these engines run clean, meeting Final Tier 4 emission standards.

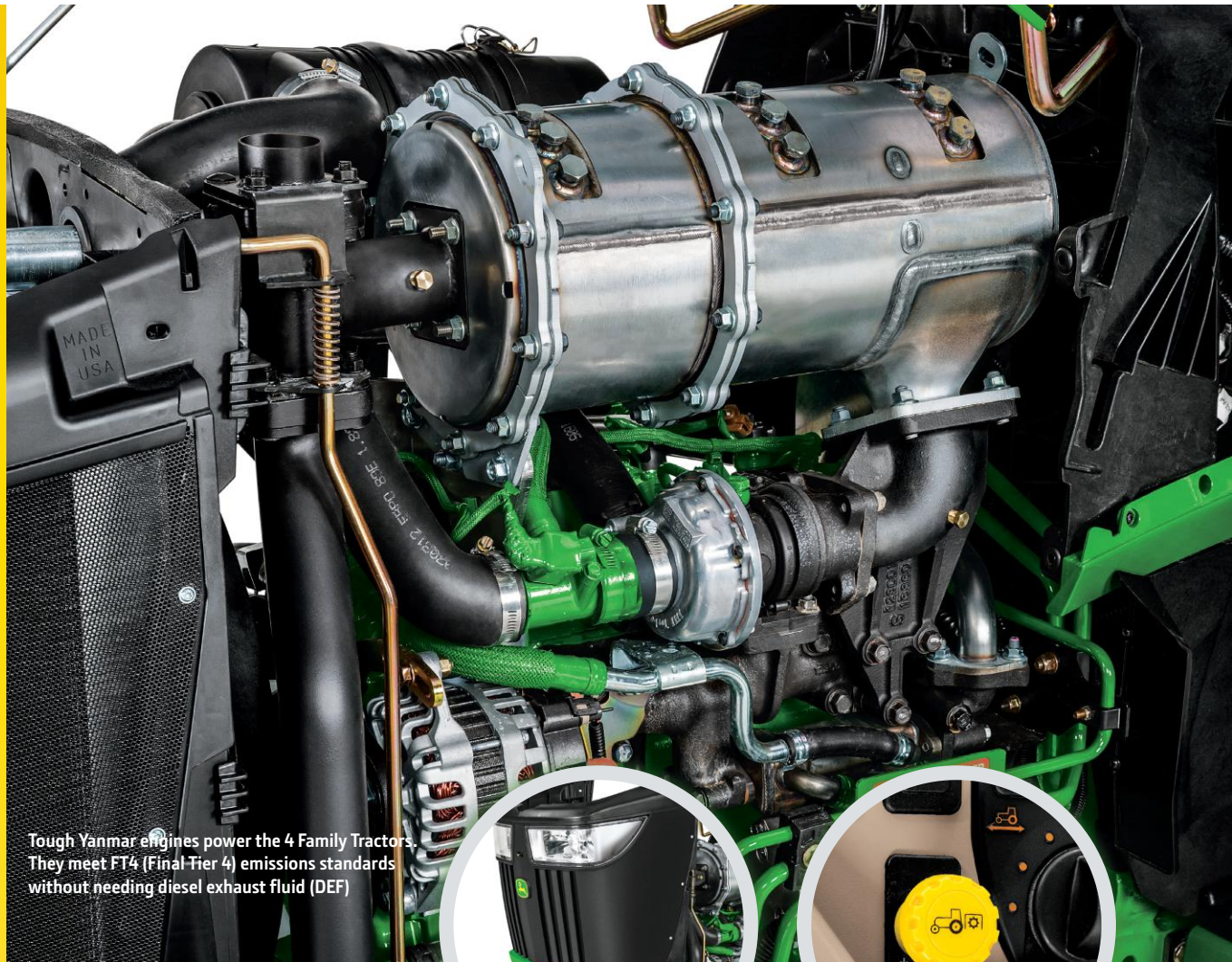
Service is quick and easy, with an 200-hour oil change interval and convenient spots to check engine and hydraulic oil levels. Need to work through dusty or dry weedy ground? You’ll like the easy-to-access and easy-to-clean air filter and radiators.

e-PTO can cut fuel costs by up to 30 percent.

The 4R Tractors feature an optional, fuel-saving PTO. This e-PTO lets you get the standard 540 PTO speed at just 1900 maximum engine rpm. For light-duty PTO jobs like pasture mowing, simply throttle back and engage the e-PTO. You can cut fuel use by up to 30 percent, while you reduce engine noise and wear.



“When customers buy our units, I want them to be completely satisfied”



Tough Yanmar engines power the 4 Family Tractors. They meet FT4 (Final-Tier 4) emissions standards without needing diesel exhaust fluid (DEF)



Sliding front grill allows easy service to the battery and radiator



A modulated, wet disk clutch engages the PTO on both 4M and 4R models. Simply pull up on the yellow knob and the PTO gently engages

Comfort and control that make every operator more productive

You've got work to do. That's why John Deere engineers sweated the details to deliver an operator station that makes work easier. All 4M and 4R Tractors come standard with a great open operator station (OOS) platform. Controls are in easy reach. The large hand grabs, combined with the open platform make entrance and exit easy. And the ride is comfortable with the standard spring-scissors seat suspension with multiple adjustments. On the 4R (OOS) that seat swivels 15 degrees either way, making it easier to check on rear implements.

For more comfort, choose the ComfortGard cab, available only on the 4R Tractors equipped with the hydrostatic transmission. Operators enjoy great visibility, perfect climate control, and finger-tip controls. For an even better ride, add the air-ride seat to the cab of a 4044R or 4052R. The air-ride seat is standard on 4066R Tractor.



There's easy access from either side of the tractor. Cup holder is on your right, tool box on your left.

The ComfortGard™ cab – great visibility, low noise, and you control the temperature



e-Hydro delivers the right speed for every task.

Whatever your task, the John Deere e-Hydro transmission gives you the right ground speed, just by moving your right foot. There are 3 speed ranges, each with infinite ground speeds available within the range. The e-Hydro is available on all 4M and 4R Tractors.

Got loader tasks? The e-Hydro is a great choice. There's no clutch, and no gears to shift. You change directions simply by moving your right foot between the TwinTouch™ pedals.(1). Push down the forward or reverse pedal. The farther you push, the faster the ground speed.

That ability, to quickly change ground speeds, without clutching or shifting, also make the e-Hydro great for mowing, tilling, snow removal, and just about every other task you can think of.

Plus, the John Deere e-Hydro on the 4R offers a package of features and controls hard to find on other tractors (2).

- **LoadMatch™** — If the torque load on the engine increases dramatically, the tractor will automatically reduce ground speed so more power can go to the wheels. This prevents stalling under heavy load.
- **MotionMatch™** — This lets the operator match the hydro foot-pedal movement to the task. You have better control of how quickly you accelerate or decelerate—great for loader work, whether you are loading dry mulch or wet gravel.
- **SpeedMatch™** — sets a maximum ground speed, improving operator performance in slow speed applications like rototilling, cultivating, or spraying.
- **Cruise control** — Set a ground speed and keep it, just like in your car. Also available on the 4M.



Clear big areas in comfort with the ComfortGard™ cab and the loader-mounted Snow Push.



1



2



"I know everybody here cares about what they're doing"

PowrReverser Transmission — change directions with just one finger

If you prefer a gear transmission, you'll like the John Deere PowrReverser,[™] available on all 4M and 4R Tractors. It features 12 speeds forward and 12 speeds reverse, with a reliable, oil-cooled clutch for shifting between ranges and gears.

The PowrReverser transmission really shines in loader work. To change direction, simply move the reverser lever located by the left side of the steering wheel. That engages oil-cooled clutch packs to smoothly shift between forward and reverse — without touching the clutch pedal. The PowrReverser transmission also comes standard with a foot throttle, making loader cycles faster and easier.

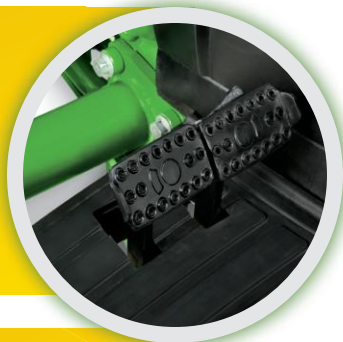


(Left) With the PowrReverser Transmission, you smoothly change directions with just the flip of a lever. (Above) The PowrReverser is available on all 4M Tractors, and 4R Tractors without a cab. (Note the deluxe hood guard attachment protecting the grill and lights.)

Wet disk brakes

Why mix oil with brakes?

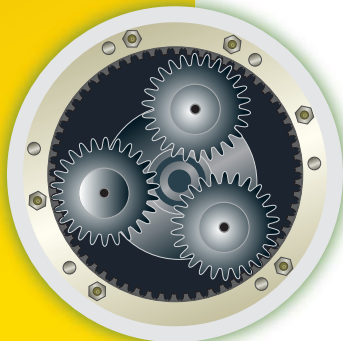
John Deere wet disk-brakes are oil-cooled, so they virtually never wear out. Plus, they are hydraulically actuated, so they almost never need adjusting. Work 'em hard, they can take it.



Planetary Gears

Features like the big boys

All 4M and 4R Tractors feature planetary final drives, the same design used on high-horsepower John Deere tractors. Planetary drives offer greater reliability by spreading the load over three gears. *(Compare the John Deere planetary design to the conventional ball and spur gear final drives found in other color tractors in this horsepower class.)*



4-Wheel Drive

Better traction, less slippage

All 4M and 4R Tractors feature 4-wheel drive that you can activate on-the-go. You get increased pulling power, reduced slippage, and thanks to the 62-degree turn angle, a tight turning radius.



Differential Lock

Gets you out of slick spots

All 4M and 4R Tractors feature a differential lock for increased traction. Simply step on the foot pedal to send power equally to both rear wheels, just what you need if one wheel starts spinning.



Fluid power for every task

Great hydraulics is key to getting the most out of your tractor. That's why you'll find a big, 15.9 gal/min hydraulic pump on every 4M and 4R Tractor. There's power for fast loader cycles, responsive power steering, heavy 3-point-hitch lifts, and great backhoe performance.

All 4R models come standard with three hydraulic selective control valves. Two of those are a mid-mounted and designed specifically for faster, easier loader hook-up and operation. Additional valves can be added as optional equipment.

To simplify 3-point hookup on 4M and 4R Tractors, consider the optional telescopic draft links. The lower links can extend, making it easier to line up mounting holes on the tractor and implement.

The 4R Tractor models give you additional hydraulic features. There's optional hydraulic down pressure on the 3-point hitch. Most tractors in this class depend on gravity to lower rear 3-point implements. The 4R Tractors add in hydraulic pressure — a real production booster for jobs like drilling post holes, or box blading.



3-Point hookup – No Sweat!

The 4R Tractors also feature the exclusive HitchAssist™ system, making it easier to hook up 3-point implements. You simply back the tractor up close to the implement and engage the HitchAssist system. This activates the controls on the rear fender. Get off the tractor and use those controls (1) to creep the tractor forward or reverse to line up the tractor's lower links with the implement.

Then turn the black knob (2), on the rear of the tractor, to raise the lower links until the upper link is lined up. You are hooked up without breaking a sweat.



With the HitchAssist system you can stand at the rear of the tractor and move the 3-point hitch up and down, and creep the tractor forward or reverse.

Loaders that fit like a glove, yet punch like a boxer

When there's material to move or dirt to load you don't want a "will-fit" loader. You want a loader that's been designed to work perfectly with the tractor and its hydraulic system. That's just what you get with John Deere.

For the 4M and 4R Tractors, there are three loaders to choose from, all with joystick control (1). The D-170 Loader works on the 4M and 4R open station tractors. It offers high performance, but requires tools and time to attach and detach. It's a great choice if your loader never leaves the tractor.

The H-180 Loader is a step up in convenience and works on the 4R tractors. It has a built-in parking stand (2) and attaches and detaches in minutes (3, 4), no tools required with tractor hydraulics doing the work.

The third loader is the H-180MSL. It has all the features of H-180, plus Mechanical Self Leveling (MSL). As you raise the loader, the bucket stays at the angle you set, reducing the chances of material falling out the back of the bucket onto the tractor hood. MSL improves performance with a bucket, and is a must if you use your loader for pallet work.

H180 on 4066R:

Max lift capacity at full height, measured at pivot:	MSL	2213 lb. / 1006 kg
	NSL	2539 lb. / 1154 kg
Max lift height to pivot pin	110 in. / 2796 mm	

D170 on 4066M

Max lift capacity at full height, measured at pivot:	NSL	2391 lb. / 1087 kg
Max lift height to pivot pin	112.1 in. / 2850 mm	



For economy and great performance, team the PowrReverser transmission with an H180 Loader. Joy stick loader controls are standard on all models.

Got Attachments?

Your John Deere dealer has dozens of loader attachments from buckets, to blades, to bale spears to snowblowers. Most attach and detach in less than a minute, without tools. See the Compact Utility Tractor Implements & Attachments brochure for descriptions of all attachments available for John Deere Loaders.



"People expect the best, and I'm really proud of what we build here"



The 485A Backhoe was designed to work perfectly with 4M and 4R Tractors. With its Quik-Tatch capability, one person can install or detach the 485A in less than five minutes **without removing the 3-point hitch** – a real time saver. A full 180-degree rotation lets you work in tight quarters. The high-capacity hydraulics on the 4M and 4R Tractors mean fast cycle times and aggressive digging power, with a bucket digging force of more than 3,700 pounds. Digging depth is up to 8 ft. 6 in. Choose from a variety of digging buckets, from 12- to 36-inches wide.



More than 50 implements are ready and waiting for you to give them a spin. From backhoes to wheel rakes, John Deere and Frontier commercial-grade implements not only do it all, they do it better and quicker. Hookup is fast, thanks to John Deere iMatch™, quick-attach backhoes, and Quik-Park™ loaders. Need the right tools for the job? Visit Deere.com, Deere.ca, or talk to your John Deere dealer today.

1. Rotary Cutters – Perfect for property maintenance chores and tough conditions. Choose from a wide range of cutting widths and sizes compatible with the 4 Family Tractors.

2. Box Blades – Sculpt and carve, dig and smooth with rear box blades. Add optional hydraulic down-force (4R only) for even better performance.

3. Snow Blowers – Put snow in its place with powerful, rear-mounted snow blowers

4. Tillers – Commercial-duty with heavy-duty tine shafts for excellent performance and durability even in hard-packed soil conditions.

5. Rear Blades – Simple yet efficient at moving dirt, snow, and gravel. Use the iMatch hitch attachment for easy hookup.

Here's a partial list of implements available for the 4M and 4R Tractors

BACKHOES • BOX BLADES • BROADCAST SPREADERS • CORE AERATORS • DISK HARROWS • FLAIL MOWERS • FRONT BLADES
GROOMING MOWERS • iMATCH™ AUTO HITCHES • LANDSCAPE RAKES • LOADERS • MANURE SPREADERS
OVERSEEDERS • PENDULAR SPREADERS • POSTHOLE DIGGERS • PULVERIZERS • REAR BLADES • ROTARY CUTTERS
ROTARY TILLERS • SICKLEBAR MOWERS • SNOW BLOWERS • WHEEL RAKES • WOOD CHIPPERS • PLOWS

Choose John Deere models, or Frontier-branded implements, available exclusively at your John Deere dealer.
Need the right tools for the job? Find it at JohnDeere.com, JohnDeere.ca, or at your John Deere dealer.



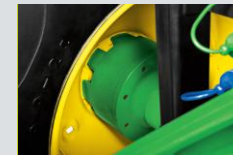
Whether it's enhanced productivity, stability, visibility, or hours in the field, these attachments will help you get the most out of your John Deere Tractor.



Rear Work Light Kit
See better when backing up, or working with rear implements.
LVB25547 (1 light)
LVB24853 (2 lights)



Forward Lighting Kit
Enjoy increased visibility up front when working in dark conditions. Two lights mount to brush guards located on the ROPS.
LVB25546 (2 lights)



Wheel Spacers
Widen the wheelbase and you'll add stability and a smoother ride when working on rough ground and hillsides.
BLV10029



iMatch
Hooking up a rear implement? With iMatch simply back in, lift up, lock down, and drive away.
LVB25976



Hood Guard
Add extra protection to the front of your tractor.
BW16155 - Deluxe Hood Guard
BW16335 - Hood Guard



4th & 5th SCV
Add rear implements with hydraulic functions like blades, snow blowers and more.
BLV10045 - 4R cab
BLV10050 - 4M/4R OOS

	4044M	4052M	4066M	4044R	4052R	4066R
ENGINE	Yanmar 4TNV88C-MJT	Yanmar 4TNV86CT-MJT	Yanmar 4TNV86CHT-MJT	Yanmar 4TNV88C-MJT	Yanmar 4TNV86CT-MJT	Yanmar 4TNV86CHT-MJT
Type	4-cylinder Diesel	Turbocharged 4-cylinder Diesel	Turbocharged 4-cylinder Diesel	4-cylinder Diesel	Turbocharged 4-cylinder Diesel	Turbocharged 4-cylinder Diesel
HP (Kw)*	43.1 (24.2)	51.5 (37.9)	65.9 (48.5)	43.1 (24.2)	51.5 (37.9)	65.9 (48.5)
PTO HP Gear Transmission - hp(Kw)	34.5 (25.7)	39.9 (29.8)	54 (40.2)	34.5 (25.7)	39.9 (29.8)	54 (40.2)
PTO HP Hydro Transmission - hp(Kw)	32.5 (24.2)	39.9 (29.8)	52 (38.8)	32.5 (24.2)	39.9 (29.8)	52 (38.8)
Engine Displacement cu in. (L)	133.5 (2.189)	127.6 (2.091)	127.6 (2.091)	133.5 (2.189)	127.6 (2.091)	127.6 (2.091)
ELECTRICAL						
Battery Power	770 CCA	770 CCA	770 CCA	770 CCA	770 CCA	770 CCA
Alternator	75 A	75 A	75 A	75 A	75 A	75 A
HYDRAULICS						
Type	Open Center	Open Center	Open Center	Open Center	Open Center	Open Center
Pump Type	Dual Independent	Dual Independent	Dual Independent	Dual Independent	Dual Independent	Dual Independent
Remote Control Valves	3 (4/5 optional)	3 (4/5 optional)	3 (4/5 optional)	3 (4/5 optional)	3 (4/5 optional)	3 (4/5 optional)
Total Capacity gpm (l/min)	15.9 (60.2)	15.9 (60.2)	15.9 (60.2)	15.9 (60.2)	15.9 (60.2)	15.9 (60.2)
TRANSMISSION						
Standard Transmission	12F/12R PowrReverser™	12F/12R PowrReverser™	12F/12R PowrReverser™	12F/12R PowrReverser™	12F/12R PowrReverser™	12F/12R PowrReverser™
Optional Transmission	3F/3R Hydrostatic	3F/3R Hydrostatic	3F/3R Hydrostatic	3F/3R Hydrostatic	3F/3R Hydrostatic	3F/3R Hydrostatic
Final Drive	Planetary	Planetary	Planetary	Planetary	Planetary	Planetary
Brakes	Wet Disk	Wet Disk	Wet Disk	Wet Disk	Wet Disk	Wet Disk
Steering	Power	Power	Power	Power	Power	Power
Clutch	Wet disk, PowrReverser	Wet disk, PowrReverser	Wet disk, PowrReverser	Wet disk, PowrReverser	Wet disk, PowrReverser	Wet disk, PowrReverser
4WD	Standard MFWD	Standard MFWD	Standard MFWD	Standard MFWD	Standard MFWD	Standard MFWD
PTO						
PTO Type	Independent 540	Independent 540	Independent 540	Independent 540	Independent 540	Independent 540
PTO Locations	Rear	Rear	Rear	Rear	Rear	Rear
Economy PTO	No	No	No	Optional	Optional	Optional
REAR HITCH						
Type	Category 1	Category 1	Category 1	Category 1	Category 1	Category 1
Lift Capacity (24 in. behind link arms)	2,500 lb. (1,135 kg)	2,500 lb. (1,135 kg)	2,500 lb. (1,135 kg)	2,500 lb. (1,135 kg)	2,500 lb. (1,135 kg)	2,500 lb. (1,135 kg)
Lift Capacity (At link ends)	3,130 lb. (1,420 kg)	3,130 lb. (1,420 kg)	3,130 lb. (1,420 kg)	3,130 lb. (1,420 kg)	3,130 lb. (1,420 kg)	3,130 lb. (1,420 kg)
OPERATING WEIGHT						
OOS (Open Operator Station)	3,770 lb. (1,710 kg)	3,770 lb. (1,710 kg)	3,770 lb. (1,710 kg)	3,770 lb. (1,710 kg)	3,770 lb. (1,710 kg)	3,770 lb. (1,710 kg)
Cab	—	—	—	4,675 lb. (2,120 kg)	4,675 lb. (2,120 kg)	4,675 lb. (2,120 kg)
STANDARD TIRES**						
Front	53.8 in. (1.4m) R1	53.8 in. (1.4m) R1	53.8 in. (1.4m) R1	53.8 in. (1.4m) R1	53.8 in. (1.4m) R1	53.8 in. (1.4m) R1
Rear	13.6x28 R1	13.6x28 R1	13.6x28 R1	13.6x28 R1	13.6x28 R1	13.6x28 R1
ROLL OVER PROTECTIVE STRUCTURE	Folding	Folding	Folding	Folding	Folding	Folding
COMFORTGARD™ CAB	No	No	No	Optional	Optional	Optional
AIR RIDE SEAT	No	No	No	Optional with cab	Optional with cab	Optional / Standard on cab
WHEELBASE	73 in. (1,855 mm)	73 in. (1,855 mm)	73 in. (1,855 mm)	73 in. (1,855 mm)	73 in. (1,855 mm)	73 in. (1,855 mm)

*Manufacturer's estimate of engine power 97/68/EC rated power (gross), hp (kW) **Additional tire options available. See dealer for details.



GreenFleet Loyalty Rewards is designed to help you manage your fleet, and keep you on the right side of your bottom line. Along with exclusive equipment discounts, you get parts savings, special workshop product discounts, and other member-only benefits.

How Does it Work?

With the purchase of 2 qualifying units within 12 months, you'll be automatically enrolled! Take advantage of GreenFleet Loyalty Rewards for two full years.

Does it cost?

NO. GreenFleet is free of charge.* Just qualify for the program and start saving today! It's just our little way of saying "thank you" for your loyalty to John Deere.

To find out more, visit JohnDeere.com/GreenFleet or JohnDeere.ca/GreenFleet.

*See terms and conditions at JohnDeere.com/GreenFleet or JohnDeere.ca/GreenFleet

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