

6D Series Tractors

99–138 Engine Horsepower Utility Tractors



More power for less John Deere 6D Series Tractors

For more than 170 years, John Deere has helped folks like you nurture and care for their land with well-built, easy-to-use farm equipment. We've accumulated an abundance of knowledge and experience that we build into every piece of equipment.

Simply, these are sensible tractors for sensible people. Whether you're making hay, cleaning pens, mowing roadsides or grading your driveway, these great-looking tractors are a natural fit for your farm operation or place in the country.





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The 6D Series Tractors

Model	Engine Horsepower*
6100D	99 hp (82 PTO hp)
6115D	118 hp (95 PTO hp)
6130D	130 hp (105 PTO hp)
6140D	138 hp (115 PTO hp)

*Engine horsepower (ISO) 97/68 EC Standards

6D SERIES – Choose the right tractor for your operation and budget

Tractor Model	Engine hp	PTO hp	Hydraulic Flow gpm
5083E Limited	83	65	15.9
5093E Limited	93	75	15.9
5101E Limited	101	82	15.9

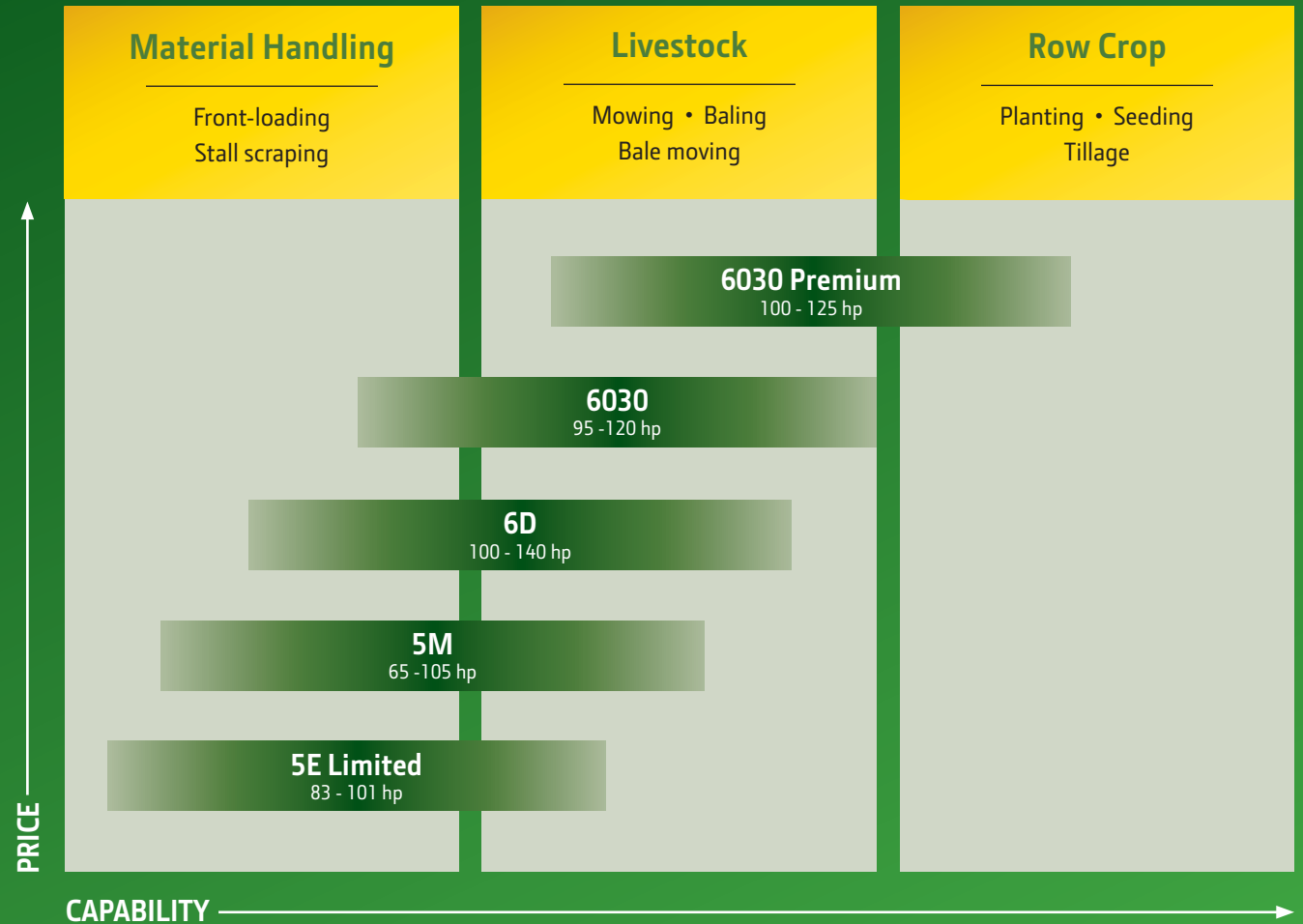
Tractor Model	Engine hp	PTO hp	Hydraulic Flow gpm
5065M	65	50	14.2
5075M	75	60	14.2
5085M	85	70	18.4
5095M	95	80	18.4
5105M	105	90	18.4

Tractor Model	Engine hp	PTO hp	Hydraulic Flow gpm
6100D	99	82	17.6
6115D	118	95	17.6
6130D	130	105	17.6
6140D	138	115	17.6

Tractor Model	Engine hp**	PTO hp**	Hydraulic Flow gpm
6230	95	76	21.1
6230 Premium	100	79	29
6330	105	85	21.1
6330 Premium	110	89	29
6430	120	99	21.1
6430 Premium	125	103	29

Specifications and design subject to change without notice.
 **Horsepower ratings effective Spring 2010. See dealer for details.
 #Manufacturer's estimate of power (ISO) per 97/68/EC.
 †PTO horsepower will vary based on tractor configuration.

When it comes to choosing your perfect tractor, you need to weigh a few factors. What do you plan to do with your tractor? How much horsepower do you need? How much hydraulic capacity will your work require? This is a starting point. Visit your local John Deere dealership – they can help you choose the right model for your work ... and your budget.





Time tested, farmer approved

Producers around the world trust us to help them succeed, making John Deere the premier name in agricultural equipment. They know they can trust and rely on our world-class products, service, and support.

When you invest in a John Deere, you get more than the latest tractor technology. You get the unmatched support of your John Deere dealer. Whether you need routine service and parts, in-field repair ... or just some friendly advice, John Deere and your local dealer are committed to your success. Your success is our success ... and it's been that way for more than 170 years.

John Deere
PowerGard™
Protection Plan

All John Deere tractors come with a 24 total month/2,000 total hour factory basic limited warranty.** For greater control over the unexpected, it pays to check out our PowerGard Protection Plans. A broad range of plans are available to match your usage, trade cycles, and budget. See your dealer for pricing and details, or go online to www.powergard.com.

**Warranty coverage includes both parts and labor when your dealer installs the component on your machine, otherwise the coverage is for parts only. See your dealer or www.deere.com for details.

Get comfortable

Take a good look around. You'll notice the 6D cab offers plenty of room to stretch, to breathe, to operate comfortably during long days in the field.

All the controls are convenient and within reach. Adjust the tilt and telescopic steering wheel for your perfect fit. Set the heater or air conditioner to your ideal temperature.

Front visibility is virtually unlimited – we moved the exhaust pipe out of the way. And the clear view to the drawbar makes connecting implements easier.

You might think this kind of comfort and convenience is only found with the biggest, most expensive tractors. Not at all. The 6D Series brings deluxe comfort at a price you'll find surprising.





1 Optional floor-mounted, two-function mechanical joystick gives you the precise control you need.



2 The parking brake lever is conveniently located next to the brake pedals for locking the brakes.



3 The optional air suspension seat isolates you from a high percentage of the vertical seat movement. This seat lets you work at fast speeds with greater comfort.

4 The standard tilt steering wheel also telescopes giving you the best possible fit.

5 The spacious cab and console provide room to stretch.



Wide open spaces

Want to feel the wind in your hair? Breathe in the fresh country air? And drive a John Deere tractor at a really competitive price? A 6D open-station tractor may be just the ticket.

The entire design is clean and uncluttered – no levers to straddle or trip over. We moved the exhaust pipe for wide open views. And your view to the drawbar is unobstructed.

The controls are simple to use and conveniently within reach. And the steering wheel not only tilts ... it telescopes – this feature is standard on all 6D Series models.



Two-post Roll-Gard™ (ROPS) easily folds for low-clearance conditions.



Efficient power

It's the driving force behind every job ... baling, mowing, light tilling, pulling box blades, loading ... no matter the job on your list, the PowerTech engines pour on the power.

You can count on constant power over a wide range of rpm without sacrificing fuel efficiency. The 6100D has the proven efficiency of the PowerTech engine with a rotary fuel injection pump. The top three models step it up a notch with the PowerTech E engine with the high-pressure common rail (HPCR) fuel injection system for increased engine performance at low rpm.

The 6D Tractors deliver up to 25 percent torque rise. You'll get your work done quickly and efficiently – more quietly, too, thanks to the multiple-rated speeds.





High-pressure common rail fuel (HPCR) injection system is standard on the 6115D, 6130D and 6140D.



With the high-pressure common rail fuel injection system, you'll get increased engine performance at low rpm for excellent fuel efficiency.

Every 6D Series Tractor is backed by the trusted John Deere name and a two-year, 2,000-hour warranty.

	6100D	6115D	6130D	6140D
4.5 L engine	PowerTech	PowerTech E	PowerTech E	PowerTech E
Emission level*	Tier 1	Tier 3	Tier 3	Tier 3
Cylinders	4	4	4	4
Engine hp	99	118	130	138
PTO hp	82	95	105	115
Injection	Rotary mechanical	HPCR electronic	HPCR electronic	HPCR electronic
Rated engine speed (rpm)	2100	2100	2100	2100

**All models meet federal emissions regulations while increasing horsepower and fuel efficiency.*

Shift gears like never before

Shuttle shifting is easy with the electrohydraulic PowrReverser™ transmission with 9 forward and 9 reverse speeds. And it's standard equipment on 6D Series Tractors. Simply select your range and gear, then control your direction with the left-hand reverser without constantly using the clutch – ideal for loader work. It also has a reliable wet clutch design that for most applications can last the life of your tractor.

You can opt for the 9F/3R Top Shaft Synchronized transmission with a dry clutch. It's an economical option that's ideal for applications that don't require a lot of repeated forward/reverse shifting – mowing and baling, for example.





You'll get nine forward speeds and nine reverse speeds with our PowrReverser Transmission. With a top speed of 17.6 mph, you'll move quickly from one job to the next.



Our field-proven transmissions let you shift speeds on-the-go, smoothly and efficiently.



Ground speed comparison. You'll get consistent ground speeds all the way through – including five well-spaced ground speeds in the 2.5 to 7.5 mph range.

Loads of flexibility

With more front loader choices than ever before, you can lift and move just about any material around your place – quickly and easily.

Do you have mostly general farm chores? The 563 Loader is perfect for you. Do you operate your tractor and loader more than 250 hours per year? The 673 Loader is the ideal solution. Both are available in self-leveling and non-self-leveling configurations. Better yet, these loaders were designed and built to match the specifications of your John Deere tractor perfectly.

Plus, there's loads of John Deere and Frontier loader attachments to let you handle just about any chore you can dream up. Stack bales, move pallets, clean pens, load silage, haul rocks and brush, whatever you need.



Loader specifications*				
	563NSL**	563SL**	673NSL**	673SL**
Lift Height (cm)	136 in. (347.0)	136 in. (347.0)	145 in. (368.0)	145 in. (368.0)
Lift Capacity (kg)	2,755 lb. (1250)	3,218 lb. (1460)	2,821 lb. (1280)	3,791 lb. (1720)
Breakout Force (kN)	4,968 lb. (22.1)	5,035 lb. (22.4)	5,620 lb. (25.0)	5,732 lb. (25.5)
Rollback Angle	38 degrees	38 degrees	43 degrees	43 degrees
Dump Angle	71 degrees	71 degrees	74 degrees	74 degrees

*All specifications are for new loaders on new tractors. See your dealer for details. **NSL=non-self-leveling, SL=self-leveling.



1 This optional multi-coupler works to connect hydraulic lines components quickly and easily for the industry's most versatile tractor/loader package.

2 Here's where you get the precise loader control you need – the perfectly integrated three-function joystick (optional) is ergonomically designed for your comfort.

3 It's easy to shift from forward to reverse, thanks to the PowrReverser™ transmission. Perfect for loader work. Optional shuttle shifting control knob shown.



You can depend on true loader/tractor integration to give you the added strength and reliability you need, year after year, for increased productivity.

Just hitch and go

Heavy loads are no problem. The 6D Series Tractors feature a rugged Category 2 three-point hitch with plenty of muscle to handle demanding jobs. Plus, there's a vertical offset Category 2 drawbar to tackle the toughest drawbar loads.

Whether you're baling, cultivating, planting or using a box blade to grade your driveway, you want your implement connections to be hassle-free. That's why we numbered and color-coded the rear hydraulic remotes. You can make error-free connections quick and easy.

If you're a regular user of hitch-mounted implements, simply add an optional Category 2 Quik-Coupler for even faster connections.



Lift capacity for our three-point hitch is an impressive 6,800 pounds (well over three tons) at 24 inches behind the lift point.



Hook up implements faster and easier with our optional telescoping draft arms.



It's easy to operate the hitch from this conveniently located control console. Use the position control lever to raise and lower the hitch, then set the stop knob to your preset depth.



Pour on the power

The hydraulics in the 6D Series Tractors deliver 46 percent more flow to the remotes than our previous smaller tractor model – the 6403 Tractor. Just the kind of power you need for demanding loader, three-point hitch and implement work.

Whether you're cleaning out livestock facilities, stacking round bales, moving large pallets, or spreading mulch, you can count on the 6D hydraulics to pour on the power.



SCVs are color-coded to make hookups easy and fast. The pressure (extend) port is on the left and the return (retract) port on the right. Valve number one is always the lowest or bottom valve



With 17.6 gallon-per-minute flow rate and 2830 psi at 2100 engine rpm, the 6D Series Tractors are perfect for loader work.



You can easily control the hydraulics from two Selective Control Valves (SCVs). Both are within easy reach on the right-hand console. You can set the controls in a detent “float” position to allow implements to follow the contours of the ground or a “regenerative” position for faster cycle times – just the thing for loader work. Also available: a deluxe hydraulic valve option with three SCVs to provide adjustable flow and adjustable detents for more precise applications such as hydraulic motors.

PTO power for the tools you pull

Bale hay. Dig post holes. Cut brush down to size. Cultivate and plant. The 6D Series has the PTO power to efficiently handle all these demanding chores and more.

Simply connect your implement's driveline to your tractor's PTO shaft, press the control lever forward and you're set to go.

With this independent system, the 6D Series can handle your heavy conditions. The PTO stays running whenever you clutch, stop or downshift to keep the power flowing. And with two speeds – 540 and 1000 rpm – it matches up to any implement. That includes those tools requiring higher power within a constant power range. Need to change implements in a hurry? It's easy and fast here.

Controlling your PTO is as easy and smooth as operating this yellow lever. Stopping or downshifting the tractor won't affect the PTO rpm levels.



Our independent PTO system doesn't back down from punishing conditions. It meets them head-on and keeps running.



For an extra measure of protection, we've designed both the PTO Lever Neutral Safety Start System and the Seat-Activated PTO Warning. Tilttable PTO shield is also standard, allowing for improved shaft hookup and visibility.



The PTO's dual-speed system - 540/1000 rpm - lets you operate a variety of implements such as a posthole digger (top right), a round baler (middle right), a square baler (below right) and just about any tool you need for years of reliable operation.

Ground-engaged implements require dramatically more PTO power, and the new 6D Tractor delivers with engines that lug down for less shifting and drivelines that deliver heavy torque.



MFWD or 2WD ... the choice is yours

Your freedom of choice continues to the very front axle you want in your 6D Series Tractor.

Are you looking for efficient power delivery and traction? The Caster/Action™ mechanical front-wheel drive axle is the ideal fit, delivering extra muscle to convert more engine torque to drawbar pull power. By accommodating higher loads, it also gives your productivity a boost. There's less wheel slippage, too. With less tractor ballasting needed, there's less soil compaction, greater fuel economy, and longer tire life.

Or do you need more economical power delivery? Choose the adjustable two-wheel drive (2WD) front axle option available on the 6100D and 6115D. You can count on a stable, comfortable ride over uneven terrain, thanks to the 2WD's 20-degree axle tire oscillation.



Both front axles are designed to withstand the stresses that go with your working routine, day in and day out.



Service is a snap

At John Deere, we know the joys of farming and a country lifestyle. We know the challenges that go with it, too. That's why we've made our tractors so reliable, durable, and easy to operate. Servicing is necessary, of course, but it shouldn't be a worry. We've made it fast and easy, reducing time and input costs by increasing service intervals and giving you easy access from the ground. You'll see a few examples to the left.



1. Changing the transmission/hydraulic oil is only once every 1,000 hours.

3. Cleaning out the radiator is a breeze – the tiltable A/C compressor gives you great access.

2. Checking the oil is easy – so easy, you don't even have to tilt the hood.

4. Replacing the air filter doesn't require tools. Just undo the Quik-Tatch™ fastener for fast, easy servicing. The Power Core air filter removes 93 percent of dust and dirt particles before they reach the filter.

John Deere and Frontier Equipment: The Perfect Fit

Stacking bales, moving pallets, cleaning pens, hauling brush ... the 6D Series Tractors can get the job done. But to do the job right, you need the right attachments. That's where John Deere and Frontier Equipment can help.

With a complete line of tools covering a wide array of jobs, Frontier Equipment is your first and last stop for front- or rear-mounted implements and attachments.

Stop by your John Deere dealer, or visit us online to find out more about our complete line of attachments from John Deere and Frontier Equipment, including:

Backhoe attachments

Box blades

Overseeders

Rotary rakes

Pulverizers

Manure spreaders

Disk mowers

Core aerators

Offset disks

Wood chippers

Bale huggers

Bale spears

Land planes

Grooming mowers

Rotary tillers

Disk harrows

Sickle bar mowers

Posthole diggers

Wheel rakes

Rear blades

Pendular spreaders

Tedders

Snowblowers

Arena rakes

Food plot seeders





1. Handle large round bales more efficiently with a 6D Tractor and a Frontier Equipment Bale Carrier. 6115D Tractor and BC1104 Bale Carrier shown.

2. Feed your cattle quicker and easier with a 6D Tractor and a Frontier Equipment Bale Processor. 6115D Tractor and BP1166 Bale Processor shown.



3. Save money by grinding and mixing your own feed with a 6D Tractor and a Frontier Equipment Grinder Mixer. 6115D Tractor and GX1117 Grinder Mixer shown.



4. Make cleanup easy with a 6D Tractor and loader with a Frontier Equipment Root Grapple. 6140D Tractor with 673 Loader and AV20G Root Grapple shown.

6D Series Specifications

MODEL	6100D OOS	6100D Cab	6115D OOS	6115D Cab	6130D OOS	6130D Cab	6140D OOS	6140D Cab
Engine	4.5L PowerTech (2 valve)		4.5L PowerTech E (2 valve)		4.5L PowerTech E (2 valve)		4.5L PowerTech E (2 valve)	
Aspiration	Turbocharged		Turbocharged & Inercooled		Turbocharged & Inercooled		Turbocharged & Inercooled	
Cylinders/Displacement, cu. in. (liters)	4/276 (4.5)		4/276 (4.5)		4/276 (4.5)		4/276 (4.5)	
Cylinder Liners	Wet		Wet		Wet		Wet	
Fuel Tank Cap., US Gal. (L) (Open; Cab)								
Standard	41.7 (158)		41.7 (158)		41.7 (158)		41.7 (158)	
Optional	N/A		N/A		N/A		N/A	
Underhood Muffler	Yes		Yes		Yes		Yes	
Performance								
Advertised PTO HP (kW) @ Rated RPM	82.0 (61.1) @2100		95 (70.8) @2100		105 (78.3) @2100		115 (85.8) @2100	
Advertised Engine HP (kW) @ Rated Speed	98.9 (72.7) @ 2100		118.4 (87.0) @ 2100		129.8 (95.4) @ 2100		137.8 (101.3) @ 2100	
Transmission								
Std. Transmission; Forward/Reverse	9F/9R PowrReverser		9F/9R PowrReverser		9F/9R PowrReverser		9F/9R PowrReverser	
Opt. Transmission; Forward/Reverse	9F/3R Top Shaft Synchronized		9F/3R Top Shaft Synchronized		9F/3R Top Shaft Synchronized		N/A	
Reverser	Electrohydraulic		Electrohydraulic		Electrohydraulic		Electrohydraulic	
On-the-Go Shifting (Yes/No/Partial)	Partial		Partial		Partial		Partial	
Clutch; Wet/Dry	Wet		Wet		Wet		Wet	
Creep	No		No		No		No	
Power Take-Off (PTO)								
Standard	Independent 540/1000		Independent 540/1000		Independent 540/1000		Independent 540/1000	
PTO Actuation	Mechanical		Mechanical		Mechanical		Mechanical	
Hydraulics								
Type	Open-Center		Open-Center		Open-Center		Open-Center	
Standard	17.6 (66.6)		17.6 (66.6)		17.6 (66.6)		17.6 (66.6)	
Maximum Operating Pressure, PSI (kPa)"	2830 (19500)		2830 (19500)		2830 (19500)		2830 (19500)	
Hitch Draft Control Load Sense Type	Lower-link		Lower-link		Lower-link		Lower-link	
Remote Control Valves Available	2 Std in Base; 3 Deluxe Opt		2 Std in Base; 3 Deluxe Opt		2 Std in Base; 3 Deluxe Opt		2 Std in Base; 3 Deluxe Opt	
Hitch Category (SAE Designation)	Category II		Category II		Category II		Category II	
Standard	6800 (3084)		6800 (3084)		6800 (3084)		6800 (3084)	
Sensing Type	Mechanical		Mechanical		Mechanical		Mechanical	
Joystick SCV Control	Mid mount, Opt		Mid mount, Opt		Mid mount, Opt		Mid mount, Opt	
Final Drive								
Type	Inboard Planetary		Inboard Planetary		Inboard Planetary		Inboard Planetary	
Differential Controls	Mechanical		Mechanical		Mechanical		Mechanical	
Engage On-the-Go Rear Differential Lock	Yes		Yes		Yes		Yes	
Axle Type	Flanged		Flanged		Flanged		Flanged	
Brakes - Type and Control	Wet disk, Mechanically actuated		Wet disk, Mechanically actuated		Wet disk, Mechanically actuated		Wet disk, Mechanically actuated	
Open Operator Station								
Rollover Protective Structure, OOS"	Yes	—	Yes	—	Yes	—	Yes	—
Rigid - Foldable	Foldable	—	Foldable	—	Foldable	N/A	Foldable	—
Platform - Flat/Straddle	Flat	—	Flat	—	Flat	N/A	Flat	—
Gearshift Location - Console/Floor	Floor	—	Floor	—	Floor	N/A	Floor	—
Cab								
Doors	—	Yes	—	Yes	—	Yes	N/A	Yes
Platform - Flat/Straddle	—	2	—	2	—	2	N/A	2
Platform - Flat/Straddle	—	Flat	—	Flat	—	Flat	N/A	Flat
dB(A) Rating	—	78	—	78	—	78	N/A	78
Seat Suspension System	—	Mechanical, Air Opt	—	Mechanical, Air Opt	—	Mechanical, Air Opt	N/A	Mechanical, Air Opt

John Deere has a utility tractor solution for your needs. Any application. Any implement. Any budget.



Cab or open station?



2WD or MFWD?



Wet or dry clutch?



Four models:
99 to 138 Engine Horsepower

6100D
6115D
6130D
6140D

Versatile.

Reliable.

Economical.

MODEL	6100D OOS	6100D Cab	6115D OOS	6115D Cab	6130D OOS	6130D Cab	6140D OOS	6140D Cab
2WD Dimensions & Weight								
Wheelbase, in. (mm)"	92.5 (2350)	92.5 (2350)	92.5 (2350)	92.5 (2350)	N/A	N/A	N/A	N/A
Front Axle Clearance, in. (mm)"	23.5 (597)	23.5 (597)	23.5 (597)	23.5 (597)	N/A	N/A	N/A	N/A
Unballasted Operating Weight, lb. (kg)"	7275 (3300)	7940 (3600)	7495 (3400)	8160 (3700)	N/A	N/A	N/A	N/A
MFWD Dimensions & Weight								
Wheelbase, in. (mm)"	92.5 (2350)	92.5 (2350)	92.5 (2350)	92.5 (2350)	92.5 (2350)	92.5 (2350)	92.5 (2350)	92.5 (2350)
Front Axle Clearance, in. (mm)"	18 (457)	18 (457)	18 (457)	18 (457)	18 (457)	18 (457)	18 (457)	18 (457)
Unballasted Operating Weight, lb. (kg)"	8510 (3860)	9170 (4160)	8730 (3960)	9390 (4260)	8730 (3960)	9390 (4260)	8730 (3960)	9390 (4260)



We make sure nothing stands between you
and the equipment you need.

**At John Deere Credit, our goal
is to help you succeed with
top-quality John Deere equipment.**

That's why we offer fast and easy financing*, and why we never stop working to earn your trust. See why so many farmers have beaten a path to our door: Ask your dealer about John Deere Credit financing today.

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*Subject to John Deere Credit approval.



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