



JOHN DEERE

6M Tractors

110–195 HP





6110M & 6120M

110–120 HP

Mowing, tedding, baling and feeding—the daily jobs of a livestock operation become quick work with these machines. Their sloped hood and short wheelbase also make them perfect for front loader work.

6130M & 6140M

130–140 HP

They've got the power to pull more in the field and handle bigger implements. Plus, they're agile enough for loader work and can still get into those small spaces.

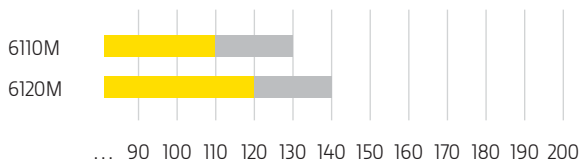


12,522 lb (5,680 kg)*



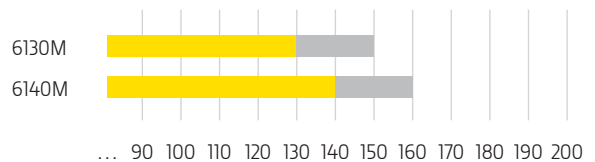
12,786 lb (5,800 kg)*

Engine Performance



■ Rated power (ECE-R120), HP
■ Rated power with IPM (ECE-R120), HP

Engine Performance



■ Rated power (ECE-R120), HP
■ Rated power with IPM (ECE-R120), HP

Engines

	6110M	6120M	6130M	6140M
Cylinders	4	4	4	4
Displacement (l)	4.5	4.5	4.5	4.5
Rated power (ECE-R120), HP (kW)	110 (81)	120 (88)	130 (96)	140 (103)
Rated power with IPM ECE-R120 @2100 1/min, HP (kW)	130 (96)	140 (103)	150 (110)	160 (118)
Emission standard	Final Tier 4	Final Tier 4	Stage V	Stage V



6145M & 6155M 145–155 HP

Tough, rugged and with plenty of power to handle the heavier side of field work for many seasons to come.

6175M & 6195M 175–195 HP

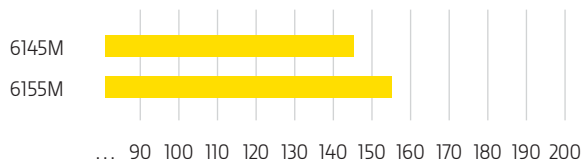
When the jobs are big, numerous and tough, these are the tractors to work with.



← 108.9 in. (2,765 mm) →
← 186.2 in. (4,730 mm) →

📊 **6145M 13,668 lb (6,200kg)***
6155M 14,770 lb (6,700kg)*

Engine Performance



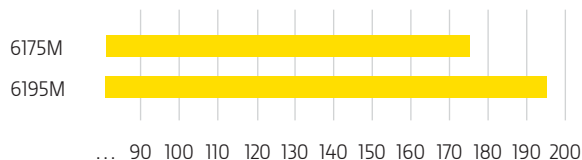
■ Rated power (ECE-R120), HP



← 110.2 in. (2,800 mm) →
← 196.5 in. (4,990 mm) →

📊 **16,534 lb (7,500 kg)***

Engine Performance



■ Rated power (ECE-R120), HP

Engines

	6145M	6155M	6175M	6195M
Cylinders	4	6	6	6
Displacement (l)	4.5	6.8	6.8	6.8
Rated power (ECE-R120), HP (kW)	145 (107)	155 (114)	175 (129)	195 (143)
Emission standard	Stage V	Stage V	Stage V	Stage V

*Shipping weight (measured with average specifications)



Reimagined By You. For You.

Before we even hit the drawing board, we talked with farmers, fleet owners and more to learn what they need in a mid-size utility tractor. More visibility, better maneuverability and more options to fit your needs.

Visibility



Nose Down, Eyes Up

You asked for better forward visibility, and we listened. With a new sloped hood design, you can see it all—your front loader, attachments, and front-mounted implements—with an improved 18 ft. (5.49 m) front view distance. Available on the 6110M and 6120M.

<p>Previous Models 25.3 ft. (7.71 m)</p>	<p>New 6110M & 6120M 18 ft. (5.49 m)</p>
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Panoramic View

The best seat in the house belongs to you. The new panoramic roof offers an uninterrupted view of the full loader cycle—even at full lift height—without straining in your seat. That's less guesswork, and more actual work. Available as an upgrade on all 6M models.



Maneuverability

Shorter Wheelbase

If you work in corrals and other small spaces, then you know how beneficial a shorter wheelbase can be when it comes to getting in and out of tight spots. Taking a cue from the popular John Deere 6430 Tractor, we redesigned the 6110M and 6120M to include the same shorter wheelbase. You get the power of the 6M Tractor with the nimbleness of a smaller tractor.



Tighter Turning Radius

Another benefit of the shorter wheelbase is the improved turning radius. Take advantage of a 14 ft. (4.36 m) turning radius, perfect for working livestock, baling hay, roadside mowing applications and more.



Optionality

A Tractor Designed To Fit Your Needs

The 6M offers a totally customizable experience. Whether you're working livestock, roadside mowing or removing snow, you can outfit your tractor to fit the way you work, with options like our compact CommandARM™, JDLink™, AutoTrac™ and so much more. You'll get a tractor that works for you with everything you need, and nothing you don't.





Ride In Comfort.

There's no denying you spend plenty of time in the cab. Make it quality time with the redesigned 6M cab. Guided by best-practice ergonomic principles and four different cab packages to customize the way you work, you'll enjoy a more productive, comfortable and efficient experience.

Compact CommandARM

As the name implies, the compact CommandARM works like an extension of your own arm. By positioning all main tractor controls in one place and offering ample seat swivel, the CommandARM provides effortless control of your tractor and implements.



Reconfigurable Joystick

The ultimate in cab control. The optional electronic joystick provides one central location for doing it all—reconfigure the hitch control and up to 3 SCVs, gear shifting, and PowrReverser operation. Convenient and efficient one-handed control of essential tractor functions.

PowrReverser

Change direction without taking your hands off the steering wheel or loader joystick with a simple push of a button, perfect for repetitive loader work. A small change that can make a huge impact to your comfort, the PowrReverser is available on both mechanical and electronic joysticks.

Triple-Link Suspension (TLS™)

Increase both transport and field productivity with superior stability, ride and comfort. Especially beneficial when baling hay in rough terrain. TLS provides more control over the front suspension of the tractor.

All 6Ms continue to offer the full frame design, which effectively absorbs and resists loads and shocks. Combined with TLS, the 6M offers a smooth and comfortable ride when you're on the road.



Digital Corner Post Display

At-a-glance access to critical machine data.



Turn Lights On/Off



Hitch Menu

Load depth, upper limit, drop rate



Transmission Menu

Eco engine speed, reverser ratio



Hydraulics Menu

Hydraulic flow control



Droop PTO On

Maintain PTO speed during auto shifts



Performance Monitor

Measure performance, acre count

iTEC

iTec Basic Menu

iTEC on/off, and choose functionality



Maintenance Menu

Check/control service interval + diagnostics



Display Adjustment Menu

Display configuration and setup



Integrated AutoTrac™ Steering Capability

Setup and use AutoTrac assisted steering



Cab Options

Description	Basic Cab	Economy Cab With Right-Hand Console	Standard Cab With Right-Hand Console	Standard Cab With CommandARM Console
Economy seat with mechanical suspension	■	—	—	—
Standard seat with air suspension	—	■	■	■
Instructor seat	—	—	■	■
Standard left-hand and right-hand mirrors	■	—	—	—
Manually adjustable and telescopic left-hand and right-hand mirrors	—	■	■	■
Right-hand steps	■	■	■	■
Windshield wiper and washer	■	■	■	■
Rear windshield wiper and washer	—	■	■	■
Tilt/telescopic steering column	■	■	■	■
Right-hand operational controls	■	■	■	■
Floor mat	■	■	■	■
Hand and foot throttle control including two engine set speeds	■	■	■	■
Overhead reading light	■	■	■	■
Cornerpost display on A-post	■	■	■	■
Seven-pin signal interface socket	■	■	■	■
Inner rearview mirror	■	■	■	■
Power outlet socket	■	■	■	■
Left and right-hand remote hitch controls	■	■	■	■
Air conditioning	■	■	■	■
Swinging drawbar with hammer strap	■	■	■	■
Left-hand reverser	■	■	■	■
Cup holder	—	■	■	■
USB charging socket	—	■	■	■
Additional storage compartment	—	—	■	■
Bottle holder	—	—	■	■
Front and rear roller blind	—	—	■	■

Power Without Limits.

Get all the power you need with less fuel and lower emissions from our 4.5/4-cyl. and 6.8/6-cyl. engines. All are ready for Stage V emission standards, and the 6-cyl. engine features extended drain intervals of up to 750 hours*.

*With John Deere Plus-50 II



Proven Technology

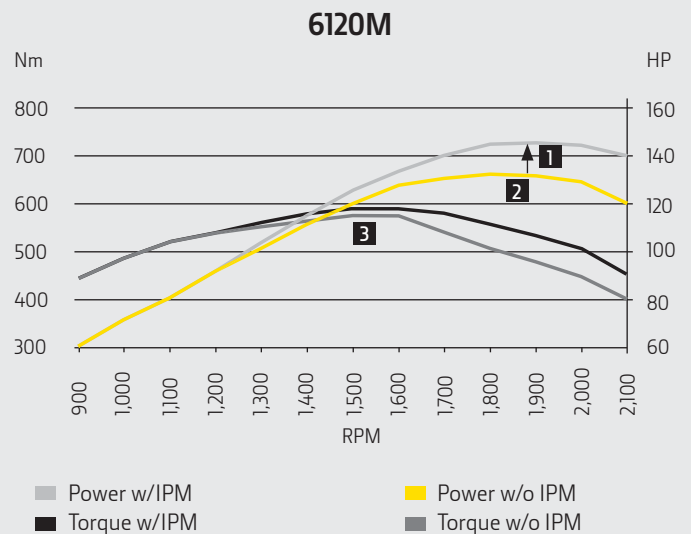
The higher power output of our 6-cyl. engines comes from refined High Pressure Common Rail technology with injection pressure of up to 2,500 bar. The PVS engine in the 6155M, 6175M and 6195M has a Variable Geometry Turbocharger that boosts performance and efficiency across the torque curve.



Intelligent Power Management (IPM)

Whatever the job, the 4.5 l EWL engine found in the 6110M and 6120M will deliver more than enough power thanks to 40% torque reserve and IPM.

IPM provides up to 20 additional HP for transport and PTO applications. Max. power and max. torque are achieved at 1,900 and 1,500 RPM respectively to ensure optimum response with low fuel consumption levels.



Intelligent Power Management (1) provides up to 20 additional HP for transport and PTO applications. Max. power (2) and max. torque (3) are achieved at 1,900 and 1,500 rpm respectively to ensure optimum response with low fuel consumption levels.

Efficient Transmissions.

PowrQuad™ Plus, AutoQuad™ Plus, CommandQuad™ Plus, Infinitely Variable Transmission (IVT™)

Our proven transmission portfolio combines superior ease of operation and convenience with outstanding efficiency to complement the power and torque of your 6M.



PowrQuad Plus

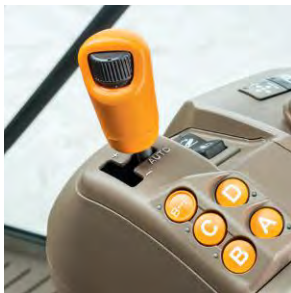
The standard transmission type for all 6M Tractors*, the PowrQuad Plus incorporates a single range lever with push-button electronic gear shifting.

*24 speed available on 6110M, 6120M, 6130M, 6140M and 6145M; 20 speed available on 6155M, 6175M and 6195M.



AutoQuad Plus

Equipped with either 20F/20R or 24F/24R speeds, left-hand reverser and four power-shiftable gears in five or six fully-synchronized ranges. AutoQuad Plus can be set up for automatic gear changes within a range.



CommandQuad Plus

Building on the AutoQuad Plus transmission, the CommandQuad Plus offers more automatic shifting capabilities, and AutoClutch™, which allows for clutchless braking and inching control. Includes 20F/20R speeds, a left-hand reverser and four power-shiftable gears in five fully synchronized ranges.



Infinitely Variable Transmission (IVT)

IVT is now an option for select 6M models. Match your speed precisely to your job with no speed bumps. From creeper applications to transport speeds—and any speed in-between—IVT is as smooth-running as it gets.

Available in Mechanical Front-Wheel Drive (MFWD) and 2WD

Standard on all 6M Tractors, MFWD allows for the most power and traction in all road and field conditions.



Rear PTO Choices

An independent 2-speed manually shifted rear PTO comes standard on all 6M Tractors. Options include 540/1000.



Power Up Front

Operate front-mounted implements, such as snowblowers and mowers, with the front hitch-front PTO. This factory-installed option comes with dual shaft, gear box, and a clockwise turning direction from driving position.





Raising The Game.

Pair the 6M Tractors with the 600R Loaders for the perfect match. Tractor, loader and implements, all designed for each other. For unrestrained performance and peerless ease of use. Easy to mount, quick to take off—it's the essence of productivity.

Mechanical Loader Control Valve (M-LCV)

M-LCV provides convenient, single-lever joystick control. Depending on tractor model, additional joystick functions include gear shifting, diverter valves and loader suspension.

- 1 Gear Shift Switch
- 2 3rd Function
- 3 Loader Suspension ON/OFF
- 4 PowrReverser



Electronic Joystick with PowrReverser

Easily the most comfortable way to operate a front loader. The PowrReverser on both the mechanical and electronic joysticks lets you change the tractor's direction with the push of a button.



Hydraulic Remote Implement Latch

Attach and detach front implements using two switches located in the cab for quick and easy work.



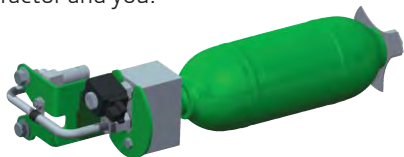


Loader Lights

Purpose-built loader lights provide the consistent and reliable illumination you need when working with a front loader.

Loader Suspension

Activated from the joystick, its effective damping provides a smoother ride for load, tractor and you.



Automatic Mast Latch

Mounting our front loaders could not be quicker, safer or more convenient thanks to the self-correcting floating system of the built-in automatic mast latch. Separation is just as easy.

The 600R Loader Designed for the 6110M & 6120M



Automatic Implement Latch

The implement is self-guided by center guides and is automatically latched as soon as it reaches the carrier frame.



Mechanical Self-Leveling (MSL) Link

The geometry of our front loader mechanical self-leveling linkage has several advantages. The mechanical self-leveling link doesn't impair your view, conveys more power and provides easier access for servicing.

Tractor/Loader Compatibility*

	600R	620R	640R	660R	680R
6110M, 6120M	■	■	—	—	—
6130M, 6140M	—	■	■	—	—
6145M, 6155M	—	—	■	■	—
6175M, 6195M	—	—	—	■	■

*All loaders listed are both non self-leveling (NSL) and mechanical self-leveling (MSL).

Standard lights include:

- A Headlights, low/high-beam headlights (on both sides of engine hood)
- B Worklights (on both sides of engine hood)
- E Amber turn-signal and hazard-warning lights (on front of roof, both sides, outside)
- F Worklights (on front of roof, both sides, outside)
- I Amber turn-signal and hazard-warning lights (on rear of roof, both sides, outside)
- J Worklights (on rear inner roof, both sides)
- L Red tail lights/brake lights and amber turn-signal lights (on rear of fenders, both sides)

Additional headlights (low beam and high beam) or worklights (on both sides of cab frame) (C) and beacon lights (D) are available as optional attachments. Talk with your John Deere dealer for details.

Upgrade your driving experience with your choice of two lighting packages:

Economy Light Package:

Adds a total of six halogen work lights in the following positions.

- G Worklights (on front of roof, both sides, inner)
- H Worklights (on rear of roof, both sides, side-facing)
- K Worklights (on rear of fenders, both sides)

Premium Light Package:

Replaces base halogen lights with LED lights* and adds a total of six LED work lights in the following positions.

- G Worklights (on front of roof, both sides, inner)
- H Worklights (on rear of roof, both sides, side-facing)
- K Worklights (on rear of fenders, both sides)



*Does not change the roof-mounted amber position lights (E) or the tail/brake/turn-signal lights (L).

Implements and Attachments.

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



Bale Spears

Move, stack and transport round bales easily with a wide selection of front and rear bale spears from Frontier. Single- and double-tine spears available.



Pallet Forks

With quik-change capabilities, multiple tine lengths, and adjustable tine positioning, John Deere pallet forks are ready to tackle any job.



Box Blades

Level uneven ground and simplify grading tasks with a Frontier box blade.



Snowblowers

Move snow out of the way so you can get on with your work with a powerful 3-Point snowblower from Frontier.



Hood Guards

Protect your investment and your pocket book from potentially costly repairs by installing a John Deere hood guard. Built to withstand tough daily chores, the hood guard provides protection from tough conditions and potential operational mishaps.



Windshield Washer and Wiper Kits

Keep the job at hand in clear sight with John Deere washer and wiper kits. They help keep the cab glass clean and clear in dusty and wet conditions.

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 PowerGard.com or JohnDeere.ca/PowerGard.



Specifications

	6110M	6120M	6130M	6140M
Engine specifications				
Description	John Deere PowerTech EWL		John Deere PowerTech™ PSS	
Rated speed	2100 rpm			
Aspiration	Single turbocharger with wastegate		Dual turbochargers, variable geometry turbo with fixed geometry turbo in series	
Emission level	Final Tier 4		Stage V	
After treatment type	Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) using DEF		Lifetime Diesel Particle Filter (DPF), Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) using DEF	
Displacement	275 cu in. (4.5 L)			
Engine performance				
Rated power	110 hp 81 kW; w/IPM: 130 hp 96 kW	120 hp 88 kW; w/IPM: 140 hp 103 kW	130 hp 96 kW; w/IPM: 150 hp 110 kW	140 hp 81 kW; w/IPM: 160 hp 118 kW
Rated PTO power (hp SAE)	84 hp 62 kW	94 hp 69 kW	101 hp 74 kW	109 hp 80 kW
Maximum PTO power	At 1000 PTO rpm w/IPM: 109 hp 80 kW	At 1000 PTO rpm w/IPM: 118 hp 87 kW	At 1000 PTO rpm w/IPM: 127 hp 93 kW	At 1000 PTO rpm w/IPM: 134 hp 99 kW
Intelligent Power Management (available in transport and/or mobile PTO applications)	20 hp			
Power boost	10%			
Maximum engine power	122 hp 90 kW; w/IPM: 134 hp 98 kW	133 hp 98 kW; w/IPM: 144 hp 106 kW	144 hp 106 kW; w/IPM: 156 hp 115 kW	155 hp 114 kW; w/IPM: 166 hp 122 kW
Engine peak torque	At 1600 U/min: 515 Nm; 379.84 ft-lb	At 1600 U/min: 562 Nm; 414.50 ft-lb	At 1600 U/min: 609 Nm; 449.17 ft-lb	At 1600 U/min: 656 Nm; 483.84 ft-lb
PTO torque rise	40%			
Transmission				
Type	Standard: John Deere 24 Speed PowrQuad™ Plus 40 km/h			
Type Optional	Optional: John Deere 16 Speed PowrQuad™ Plus 30 km/h; John Deere 24 Speed AutoQuad™ Plus 40 km/h; John Deere 24 Speed CommandQuad™ Plus 40 km/h; AutoPowr™/IVT 40 km/h; Creeper (PowrQuad Plus and AutoQuad Plus)			

Financing

As you face the demands of your day, it's good to have company you can count on. You can rely on us when you need financing for your operation. With John Deere Financial, you have a resource that gives you many options to choose from. At the end of the day—and every day forward—we'll be there at your side.

JohnDeereFinancial.com
JohnDeereFinancial.ca



6145M		6155M		6175M		6195M	
		John Deere PowerTech™ PVS					
		Variable geometry turbocharger					
		415 cu in. (6.8 L)					
	145 hp 107 kW	155 hp 114 kW	175 hp 129 kW	196 hp 143 kW			
	116 hp 85 kW	125 hp 92 kW	141 hp 104 kW	159 hp 117 kW			
	At 1000 PTO rpm: 128 hp 94 kW	At 1000 PTO rpm: 136 hp 100 kW	At 1000 PTO rpm: 157 hp 116 kW	At 1000 PTO rpm: 177 hp 130 kW			
	N/A	N/A	N/A	N/A			
	161 hp 118 kW	172 hp 126 kW	194 hp 143 kW	216 hp 159 kW			
	At 1600 U/min: 680 Nm; 501.54 ft-lb	At 1600 U/min: 726 Nm; 535.47 ft-lb	At 1600 U/min: 820 Nm; 604.80 ft-lb	At 1600 U/min: 914 Nm; 674.13 ft-lb			
		Standard: John Deere 20 Speed PowrQuad™ Plus 40 km/h					
	Optional: John Deere 16 Speed PowrQuad™ Plus 30 km/h; John Deere 24 Speed AutoQuad™ Plus 40 km/h; John Deere 24 Speed CommandQuad™ Plus 40 km/h; Creeper (PowrQuad Plus and AutoQuad Plus)	Optional: John Deere 16 Speed PowrQuad™ Plus 30 km/h; John Deere 20 Speed AutoQuad™ Plus 40 km/h; John Deere 20 Speed CommandQuad™ Plus 40 km/h; Creeper (PowrQuad Plus and AutoQuad Plus)	Optional: John Deere 16 Speed PowrQuad™ Plus 30 km/h; John Deere 20 Speed AutoQuad™ Plus 40 km/h; John Deere 20 Speed CommandQuad™ Plus 40 km/h				

Specifications

6110M		6120M		6130M		6140M	
Hydraulic system							
Type	Standard: Pressure Compensated (PC); Optional: Pressure & Flow Compensated (PFC) System with Load Sensing function						
Pump rated output	Standard: 35 cc pump: 21 gpm (80L/min); Optional: 45 cc pump: 30 gpm (114L/min)						
Number of rear selective control valves (SCVs)	Standard: ISO Couplers: 2; Optional: ISO Couplers: 2-4						
Rear hitch							
Remote control valves available	Standard						
Hitch category (SAE designation)	II/IIIN					IIIN	
Maximum lift capacity behind lift points	Standard: 8,267.3 lb (3750 kg) Optional: 11,023.1 lb (5000 kg)			Standard: 11,023.1 lb (5000 kg) Optional: 12,566.3 lb (5700 kg)			
Drawbar							
Drawbar category	CAT 2						
Rear power take-off (PTO)							
Type	Electro-hydraulically operated, oil cooled, multi-disc design; Standard: 38 mm (1.496 in) 540, 1000 reversible shaft						
Engine rpm (at rated PTO speeds)	540: 1977; 1000: 1972						
Front hitch							
Category	IIIN						
Standard lift capacity	9,700.3 lb (4,400 kg)						
Front power take-off (PTO)	Electro-hydraulically engaged with oil cooled, multi-disc design						
PTO speed	1000 PTO: 1,969 rpm						
Rear axle							
Type	Standard: Flange-Type Rear Axle Optional: R&P Rear Axle - 79 mm Shaft (100.6 in/2.556 mm length); R&P Rear Axle - 79 mm Shaft- Short Version (90 in/2.286 mm length)						
Front axle							
Type	Standard: MFWD; Optional 2WD Triple Link Suspension (TLS) MFWD Axle (hydro-pneumatic, permanently active, triple link, self-levelling suspension with 100 mm suspension range); Triple Link Suspension MFWD with Brakes						
Electrical system							
Alternator size	Standard: 14 V/120 A; Optional: 14 V/150 A; 14 V/200 A						
Battery options	Standard: 12 V/154 Ah; Optional: 12 V/174 Ah						
Operator station							
Seat	Standard: Economy seat with mechanical suspension; Optional: Standard seat with air suspension						
Display	Corner post display (A-post rh); Functionality: Performance monitor and individual settings						
Dimensions							
Wheelbase	94.5 in (2400 mm)			101.5 in (2580 mm)			
Weight							
Base machine weight	12,522 lb (5680 kg)			12,786 lb (5800 kg)			
Capacities							
Crankcase oil volume	4.5 U.S. gal (17 L)			4.2 U.S. gal (16 L)			
Fuel tank	46.2 U.S. gal (175 L)			51.5 U.S. gal (195 L)			
Diesel Exhaust Fluid (DEF) tank	5.0 U.S. gal (19 L)			3.4 U.S. gal (13 L)			
Cooling system	5.3 U.S. gal (20 L)			5.8 U.S. gal (22 L)			
Transmission-hydraulic system	PowrQuad Plus/AutoQuad Plus: 15.8 U.S. gal (60 L)						

