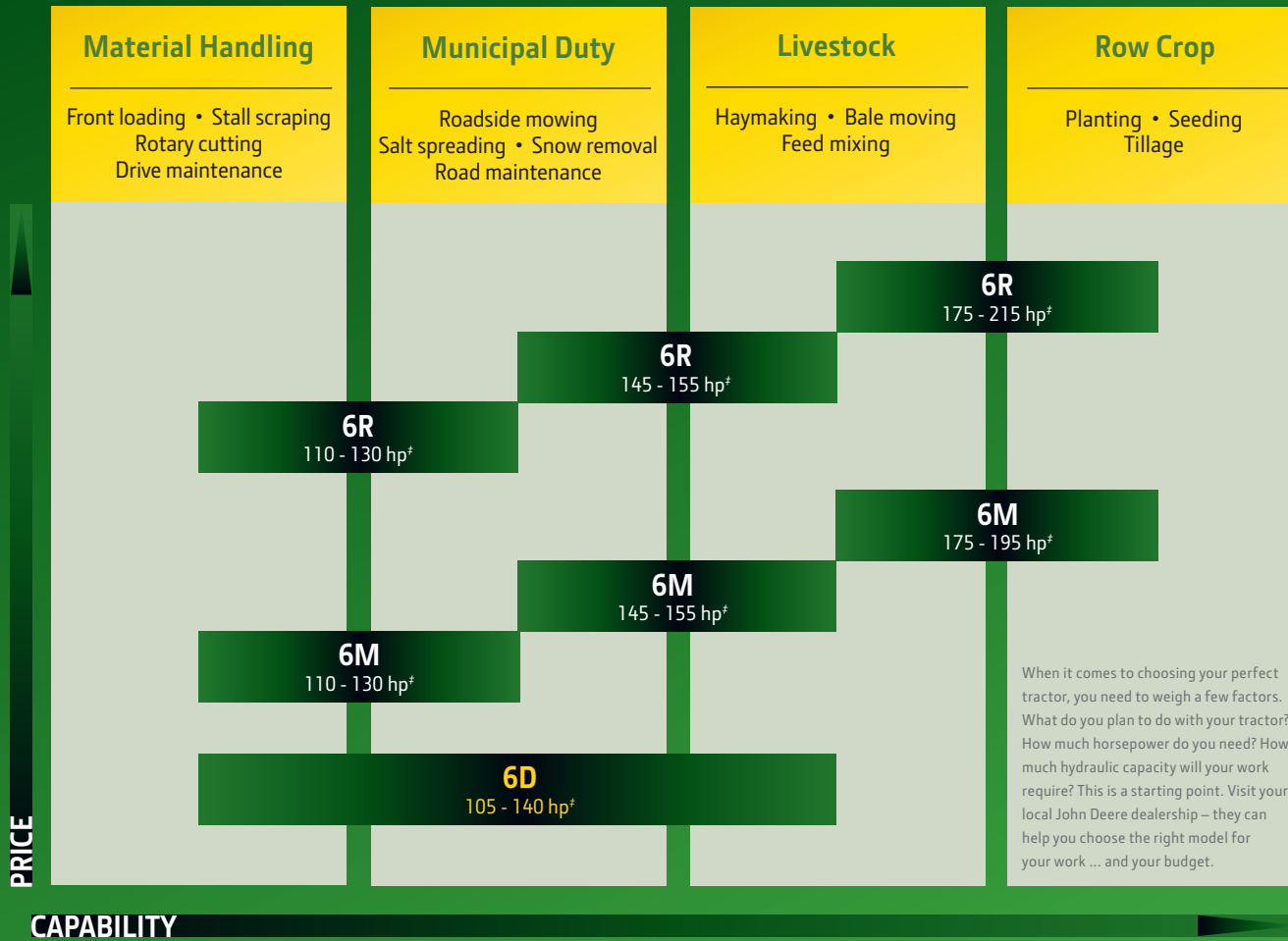


# 6D Series Tractors

105–140 Engine Horsepower Utility Tractors



## THE JOHN DEERE 6 FAMILY – Born ready to work.



## The John Deere 6D Series 105- to 140-HP Utility Tractors

Need a tractor that won't buck at the tough stuff? That's not afraid to get dirty? An easy to operate tractor that was born ready to handle chores on the farm, ranch, or worksite? Then you need to give the 6D Series from John Deere a good look. Choose from two- or four-wheel drive, cab or open station, 105 to 140 engine horsepower...and a wide range of standard features and configurations, available options and attachments. Add in the economical price and low cost of operation, and you have a sensible tractor ready to work hard for no-nonsense operations.

Tractor Model	Engine hp	PTO hp	Hydraulic Flow gpm
6105D	105	87	20.0
6115D	115	95	20.0
6130D	130	105	20.0
6140D	140	115	20.0

Specifications and design subject to change without notice.

#Manufacturer's estimate of power (ISO) per 97/68/EC.

†PTO horsepower will vary based on tractor configuration.

Tractor Model	Engine hp <sup>†</sup>	PTO hp <sup>†</sup>	Hydraulic Flow gpm
6110M	110	86	21.1 (30.0 opt)
6120M	120	94	21.1 (30.0 opt)
6130M	130	101	21.1 (30.0 opt)
6145M	145	111	21.1 (30.0 opt)
6155M	155	120	30.0
6175M	175	140	30.0
6195M	195	158	30.0

Tractor Model	Engine hp <sup>†</sup>	PTO hp <sup>†</sup>	Hydraulic Flow gpm
6110R	110	86	30.0
6120R	120	94	30.0
6130R	130	101	30.0
6145R	145	111	30.0
6155R	155	120	30.0
6175R	175	140	41.0
6195R	195	158	41.0
6215R	215	176	41.0





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## The 6D Series Tractors

Model	Engine Horsepower†
6105D	105 hp (87 PTO hp)
6115D	115 hp (95 PTO hp)
6130D	130 hp (105 PTO hp)
6140D	140 hp (115 PTO hp)

*Engine horsepower (ISO) 97/68 EC Standards*

## Everything you need. Nothing you don't.

Take a seat, take the wheel, and take a look around. You won't believe the simple and easy-to-use cab and control features in the 6D Series.

First, we've moved critical controls to the operator's right side ... PTO engagement, range and gear selectors, along with all the hitch and SCV levers; you get easy, one-hand access. Then, we gave the PTO an electrohydraulic switch for simple, push-pull actuation. The optional instruction seat offers a comfortable spot for trainees. And on the dash, you'll find handy indicator lights for the parking brake and MFWD system, along with an easy-to-read display for tractor hours, ground speed, or PTO engagement.

With tilt-and-telescope steering, outstanding visibility and options like a loader joystick and plush air-suspension seat, you can have everything you need in a utility tractor. And nothing you don't.







- 1** The optional air suspension seat lets you ride in plush comfort, with less vertical movement ... even at higher operating speeds.
- 2** **Instruction seat.** Perfect for training new operators, the optional instruction seat offers comfortable, easy-to-stow seating for trainees.
- 3** **Hydraulic and transmission control placement.** No more juggling levers ... range and gear levers, plus hitch and SCV controls have been located within easy reach, just to the right of the operator.
- 4** **PTO switch.** The 6D Series Tractors feature an electrohydraulic PTO engagement for easy, push-pull actuation.

## Clean, feature-packed design

If you work in a moderate climate... if most of your chores are fair-weather... or if you just need a solid, no-nonsense tractor at a competitive price, then look to either of the open-station 6D Series Tractors.

Available in 105- and 115-hp configurations, each open-station 6D Series Tractor offers standard features like a folding, two-post RollGard™ roll-over protection system, tilt-and-telescope steering wheel, a clean, uncluttered operator environment, and clear views in all directions.

Want to make it your own? Add a sun canopy, a set of ROPS-mounted worklights, or any of a variety of attachments available through your John Deere dealer.







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

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



Pair a 6D Series Tractor with any of the hundreds of available grooming mowers, rotary cutters, rear blades and other implements from Frontier Equipment.



## Pour on the power

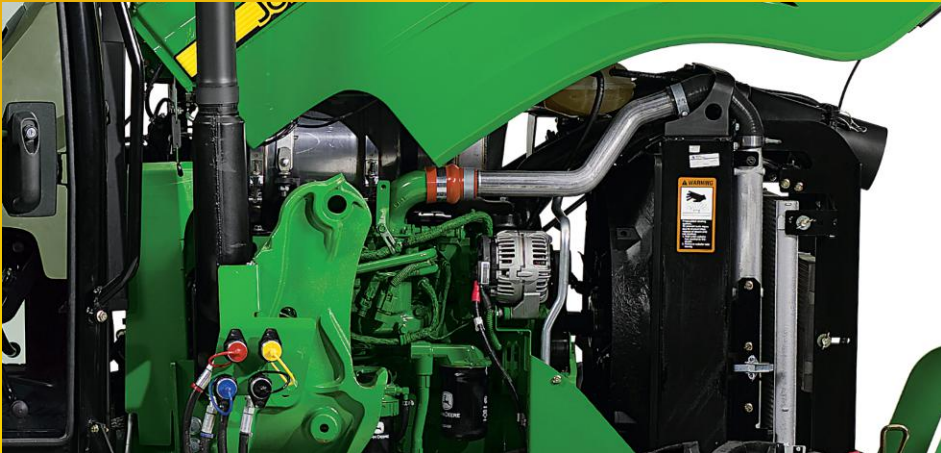
Power to till ... power to mow ... power to rake, bale, lift or load. No matter what the job, John Deere PowerTech™ engines give you plenty of muscle and uptime.

Get dependable, predictable, fuel-efficient power over a wide RPM range with the PowerTech PVX and PWX 4-cylinder 4.5 L engines. High-pressure common-rail fuel injection provides great engine control and consistent power delivery, even at lower engine speeds.

And when it comes time for periodic service or maintenance, you'll appreciate how economical the 6D is to operate ... and how easy: access to the oil filter, air filter and water separator is at your fingertips. Plus, you won't need special tools, even with loader-equipped tractors.







Take a look out the front windshield ... notice the clear view? We put the aftertreatment system under the hood for improved visibility.



With high-pressure common rail fuel injection, the system controls fuel injection timing and provides precise control for the start, duration, and end of the injection. As a result, you get great engine performance at low rpm as well as great fuel efficiency.

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

	6105D	6115D	6130D	6140D
4.5 L engine	PowerTech PWX	PowerTech PWX	PowerTech PWX	PowerTech PVX
Emission level*	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4
Cylinders	4	4	4	4
Engine hp <sup>‡</sup>	105	115	130	140
PTO hp	87	95	105	115
Injection	HPCR electronic	HPCR electronic	HPCR electronic	HPCR electronic
Rated engine speed (rpm)	2200	2200	2200	2200

*\*All models meet federal emissions regulations while increasing horsepower and fuel efficiency. ‡ Manufacturer's estimate of power (ISO) per 97/68/EC.  
± Hour and/or usage limitations apply and vary by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE AGRICULTURAL EQUIPMENT at dealer for details.*

## Smooth-shifting performance

Get smooth, easy shifting with the 12-speed PowrReverser™ transmission, standard equipment on every 6D Series Tractor. The optional 24/12 Hi-Lo PowrReverser gives you more gears and more options.

Both are equipped with an electrohydraulic reverser so you have no-clutch, no-skid directional changes – ideal for loader work. And with the range and gear selectors out of the way -- to your right -- operation is simple and quick. You'll also get a reliable wet clutch for extended service life and cool, smooth running.

Whatever work you're doing, the 6D Series transmissions and components stand up ... so you have the performance, durability and low cost of operation you expect.







The smooth modulation of the PowrReverser transmission makes for easy, no-skid direction changes ... perfect for loader work.



Range and gear selectors are both conveniently located on the operator's right ... out of the way, but within easy reach.



Get predictable, usable ground speeds throughout the entire range – including five conveniently-spaced ground speeds from 2.5 to 7.5 mph (4 to 12 km/h).



# The Ultimate Hired Hand

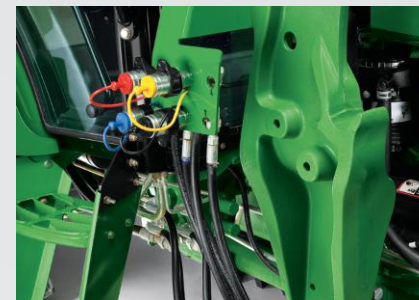
## H Series Loaders

John Deere Loaders have always been known for their durability and seamless integration with John Deere tractors.

To answer operator requests and to meet the challenges of evolving tractors, John Deere developed the H Series loaders. These loaders bring all the strength of previous John Deere Loaders and combine that legacy with more visibility, added ease of use, and faster cycle times. "Will-fit" loaders can't match the advantage of a green loader on a green tractor.



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



The mid-mount quick couplers offer a simple and economical hydraulic connection method (quick couplers are included in the loader-ready packages). For an even easier and faster process, a single point hydraulic connection is available.

Upper Right – New mast pins allow for easier parking and installation of the loader, no tools necessary and no loose parts to store.

Lower Right – For easier connections to a multitude of attachments, equip your H-Series loader with the Global Carrier and enjoy fast, one-lever changeovers.







Concealed oil lines, routed through the boom arm and torque tube, protect the hydraulic system and give the loader a more attractive appearance.

The low torque tube position improves visibility. The redesigned attachment carrier also improves operator's visibility making it easier to switch attachments. And with a wide range of John Deere and Frontier attachments you can quickly go from moving bales to loading the feed mixer.



False rod bucket cylinders require a smaller displacement of oil on the head end of the cylinder allowing the cylinder to dump significantly faster than a normal cylinder. The result? Faster bucket dumping cycle times. (False rod bucket cylinders are only available on Mechanical Self-Leveling configurations.)

## H Series Loader and Tractor Compatibility

Model #	Tractor Compatibility	Leveling Options
H260	5M   5083-5101E   6D	NSL or MSL
H310	6D   5M   6105-6125M/R	NSL or MSL
H340	6105-6150M   6105-6150R	NSL or MSL
H360	6140-6170M   6140-6210R	NSL or MSL
H380	6170M   6170-6210R	MSL
H480	7R   8R	MSL

Cast steel components add strength and durability.



## The heavy lifters

Big integral rotary cutters?  
Two thousand-pound round bales?  
Lift them all without a problem.

The 6D Series Tractors feature a hard-working Category II 3-point hitch with 5,500 lbs. (2494 kg) of lift capacity ... more than enough to handle demanding jobs. If you need even more, you can order the optional heavy-duty hitch package and get 7,300 lbs. (3311 kg) of lift.

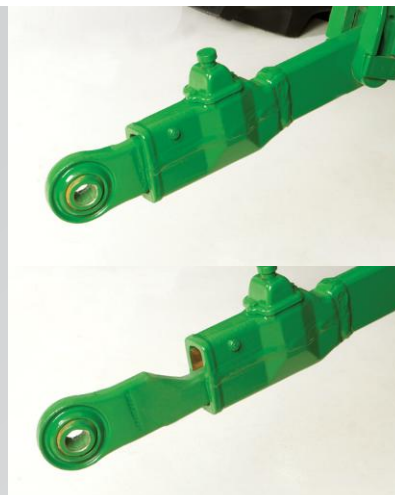
And no matter what you're putting on the back, you want your hydraulic connections to be hassle-free. That's why we numbered and color-coded the rear hydraulic remotes, so you can make quick, easy, error-free connections.

Want to hitch up even faster? Add an optional Category II Quik-Coupler for no-fuss connection of most standard three-point mounted implements.



Lift capacity for the 6D Series 3-point hitch is an impressive 5,500 lbs. (2494 kg) at 24 inches behind the lift point ... more than enough for round bales, heavy seeders, or a WC1208 Wood Chipper from Frontier Equipment.





Hook up implements faster and easier with our 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.



The redesigned vertical-offset Category II drawbar can easily handle big flex-wing rotary cutters and other tough drawbar loads. Big three-point implements are no problem for the new dual external lift cylinders.

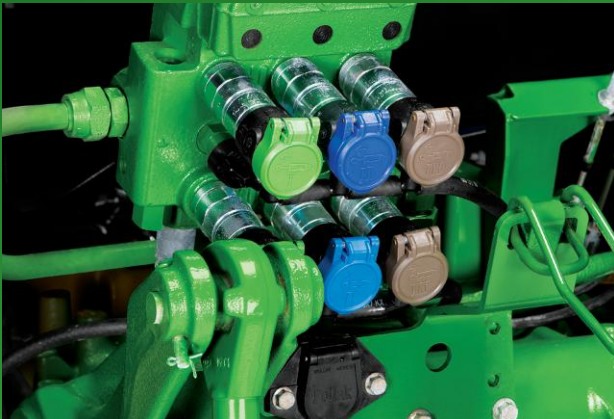


## Stack, lift, and load

Enough hydraulic capacity to go the distance. Enough durability to stand up.

Performance matters. And the 6D Series is ready to get to work ... and stay on the job. Stack dense, heavy bales. Or cycle power-hungry hydraulic implements fast. And lift heavy, hitch-mounted implements with ease.

With controls for hydraulic remotes right where you expect them to be, operation is predictably simple, straightforward and efficient.



Hydraulic remotes are color-coded to make hookups easy and fast. The pressure (extend) port is on the top and the return (retract) port is on the bottom. Valve number one is always located to the left.







With 20 US gallon-per-minute flow rate and 2828 psi at 2200 engine rpm, the 6D Series Tractors are perfect for loader work.



**The hydraulic system is equipped with a triple-pump design, making loader, hitch, and implement work easier. The Selective Control Valves (SCVs) are on the right-hand console, making for convenient, easy-to-reach engagement. The controls are color-coded to make implement hook-up and operation seamless. Use the float position detent to follow ground contours.**

Also available: a deluxe hydraulic valve option with three SCVs to provide adjustable flow and adjustable detents.



# Power for the tools you pull

Whether you're baling hay, chipping wood, digging postholes, or running a grinder-mixer, the 6D Series has the PTO power you need.

Hook it up and get to work! The electrohydraulic engagement system allows you to power the PTO up or down with an easy, one-button move. With the fully independent PTO, you can stay running, and handle tough, stop-and-start conditions. The PTO stays running whenever you clutch, stop or downshift to keep the power flowing. And with two easily-switchable speeds – 540 and 1000 rpm – it matches up to any implement, including those requiring higher power within a constant power range.

Engaging the PTO is an easy, smooth push-pull operation. And because the system is independent, stopping or downshifting the tractor won't change the PTO rpm levels.



Take on a wide range of PTO-powered jobs with the 540/1000 RPM independent PTO system.





For an extra measure of protection, the 6D Series includes both the PTO Neutral Safety Start System and the Seat-Activated PTO Warning. Tiltable PTO shield is also standard, allowing for improved shaft hookup and visibility.



The 540/1000 PTO lets you operate the widest possible variety of implements; run your posthole digger, round baler, square baler, or just about any other implement. Just remove and reverse the PTO shaft in less than 30 seconds and you're good to go.





## MFWD or 2WD ... the choice is yours

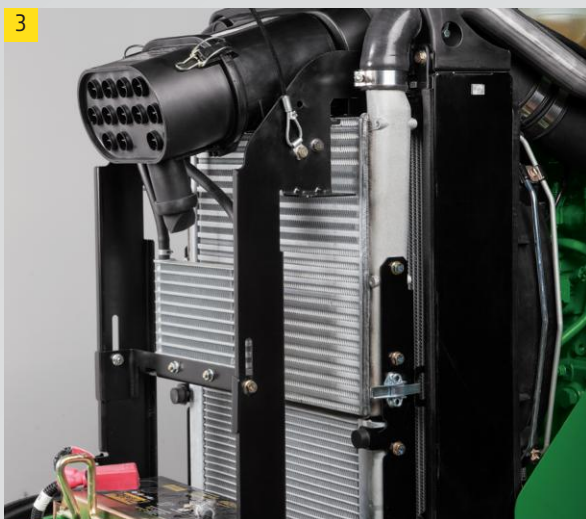
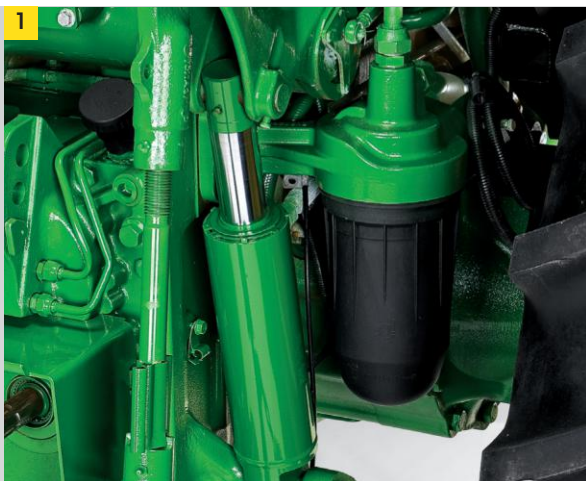
Whether you work in tough, sloppy conditions and need to put power to the ground, or you just need an efficient, economical drive system, the 6D Series has you covered.

Our Caster/Action™ four-wheel drive system is the ideal fit for rough ground, heavy loads, or any other application that demands hardcore pulling power. But getting the job done isn't the only benefit. You'll get a tight turning radius, less wheel slippage, less ballast required, reduced soil compaction, and longer tire life.

But if you only need two-wheel drive, choose our adjustable, economical 2WD front axle, available on the 6105D and 6115D. You'll get a stable, comfortable ride, thanks to the 20-degree axle oscillation.







1. The relocated transmission fluid filter makes for easier, faster filter changes.

3. Cleaning out the radiator is a breeze – the sliding A/C components give you great access.

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

4. Replacing the engine 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.

## Service is a snap

We know the challenges that go with equipment ownership and operation. That's why we make tractors like the 6D Series reliable, durable, easy to run and affordable to operate. We've also made routine service fast and easy, reducing time and costs significantly by designing for increased service intervals and making it easy for you to perform regular maintenance in your own shop. You want uptime and low cost of operation? The 6D Series delivers ...





# John Deere and Frontier Equipment: A Great Fit

Stacking bales, moving pallets, cleaning pens, hauling brush ... the 6D Series Tractors give you top level utility performance and great uptime. 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:

*Box blades  
Overseeders  
Rotary rakes  
Soil pulverizers  
Manure spreaders  
Disk mowers  
Core aerators  
Offset disks  
Wood chippers  
Bale huggers  
Bale spears  
Land planes*

*Rotary tillers  
Disk harrows  
Sickle mowers  
Posthole diggers  
Wheel rakes  
Rear blades  
Grooming mowers  
Teddars  
Snowblowers  
Arena rakes  
Food plot seeders*





1



2



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

2. Put a 6D Tractor in front of any of the Frontier Manure Spreaders, and you're making quick, easy work of even the dirtiest jobs.

3



4



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. Athletic fields, municipal parks, or large landscape installations...give them all a quality cut with the 6D Series Tractors and Frontier Grooming Mowers.





## Time tested, farmer approved

Producers around the world trust us to help them succeed, making John Deere one of the premier names in agricultural equipment. They know they can trust and rely on our 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<sup>+</sup>

**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](http://www.powergard.com) or [www.powergard.ca](http://www.powergard.ca).

<sup>+</sup>PowerGard Protection Plan extended warranty covers failures due to defective materials or original workmanship of covered components. Customers have a choice between either the Limited (engine & powertrain) coverage form or the Comprehensive (full-machine) coverage form. See your dealer or [www.deere.ca](http://www.deere.ca) for details.

\*\*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, [www.deere.com](http://www.deere.com) or [www.deere.ca](http://www.deere.ca) for details.



Not enough time in your day?

 **Add more.**

Optional Xenon lighting kit provides extreme, daylight color output for excellent field definition. Packages are available to match your application ensuring around-the-clock productivity. Plus, Xenon bulbs have no filament, which increases bulb life by as much as 10 times versus filament-style halogen bulbs.



 **Add more comfort, convenience, security, productivity ...**

Set your tractor up just the way you want by adding quality John Deere attachments and accessories. Plus, when it comes time to trade or sell, your investment could be worth more. This is just a sampling of the attachments available for the 6R Series Tractors. See your John Deere dealer for all your parts and attachments needs.



#### Door Locks

The door lock kit features a new handle and high-security dedicated cab door key that is different from the standard ignition key.



#### Tool Box

This lockable tool box with a convenient carrying handle holds tools and a selection of linkage balls, hitch and lynch pins for implement attachment



#### Lockable fuel cap

Protect yourself against vandalism or fuel theft. Fuel caps are designed to fit on current and previous tractor models.



#### Instructor Seat.

Foldable seat provides space for instructor. Includes seat belt and rear netting for additional storage.



#### FieldOffice™

The FieldOffice provides a place for everything, all within your reach and it's removable so you can take valuable contents with you when you go.



#### Beacon Lights

Being visible to others on the road is important. John Deere beacon light kits bring on-road visibility to a whole new level. For your convenience, a cab-mounted rocker switch turns the light on and off.



## Versatile. | Reliable. | Economical.

John Deere has a utility tractor to meet your needs. Any application. Any implement. Any budget.



Cab or open station?



2WD or MFWD?





## 6D Series Specifications

	6105D	6115D	6130D	6140D
POWER * estimated				
Rated PTO power (hp SAE) at engine speed (2100 erpm)	87 hp (65 kW)	95 hp (71 kW)	105 hp (78 kW)	115 hp (86 kW)
Rated Engine power hp (hp ISO) at 2200 engine rpm (97/68EC)*	105 hp (78 kW)	115 hp (86 kW)	130 hp (97 kW)	140 hp (104 kW)
Engine Peak Torque (Nm) (xx% @ 1600rpm)	423 N-m (312 lb.-ft)	477 N-m (352 lb.-ft)	533 N-m (393 lb.-ft)	574 N-m (423 lb.-ft)
Constant Power Range (rpm)	1800 - 2200 rpm			
ENGINE				
Manufacturer (US EPA Interim Tier4/EU Stage IIb)	PowerTech™ PWX (B20 Diesel Compatible)		PowerTech™ PVX (B20 Diesel Compatible)	
Rated Speed	2,200 rpm			
Type	Diesel, in-line, 4-cylinder, wet-sleeve cylinder liners with 4 valves-in-head			
Aspiration (US EPA Interim Tier4/EU Stage IIb)	Wastegate turbocharger with air-to-air aftercooling and cooled exhaust gas recirculation		Single variable geometry turbocharger with air-to-air aftercooling and cooled exhaust gas recirculation	
Filter, engine air	Dual stage with aspiration			
Displacement	275 cu. In. (4.5L)			
Bore and stroke	4.17 in. (106 mm) x 5.00 in. (127 mm)			
Compression ratio	19:1			
Lubrication	Full-pressure, full-flow filtration with bypass			
Filter, oil	Replaceable cartridge style oil filter			
TRANSMISSION				
12F/12R Top Shaft Synchronized (TSS) Transmission w/ PowrReverser (30K)	Standard			
24F/12R Top Shaft Synchronized (TSS) Transmission w/PowrReverser and Hi Lo (30 k)	Option			
AXLES				
Rear Axle Final Drive	Inboard planetary			
Rear Axle - Flange	Standard			
2WD – tread range 60.4 to 80.4 in. (1533 to 2043 mm)	Optional	N/A		
MFWD - tread range 59.7 to 79.4 in. (1516 to 2016 mm)	Standard			
DIFFERENTIAL LOCK				
Front Axle - 2WD	N/A			
Front Axle - MFWD	Limited Slip			
Rear Axle - Full-Locking mechanical	Standard			
HYDRAULIC SYSTEM (type)				
Open center, gear driven				
Selective control valves	2 Mechanical SCVs Standard; 3 Mechanical SCVs Optional			
Main pump, axial piston (displacement)	36.5 cc			
Maximum pressure	2,828 psi (19,500 kPa)			
Rated flow (@ 90% Advertised Efficiency)	20 US gpm/75.7 lpm			
Available flow at a single SCV	20 US gpm/75.7 lpm			
3-POINT HITCH (rear) - Electrohydraulic Sensing				
Category 2 (5500 lbs (2500 kg) Standard Lift @ 610mm behind hitchpoint)	Standard			
Category 2 (7300 lbs (3318 kg) Heavy Duty Lift @ 610mm behind hitchpoint)	Optional			
Draft Sensing	Optional			
DRAWBAR				
Cat 2 1000 kg (2205 lb.) - 1250 kg (2756 lb.) Maximum Vertical Load dependent on drawbar position	Standard			
Cat 2 1200 kg (2645 lb.) - 1900 kg (4189 lb.) Maximum Vertical Load dependent on drawbar position	Optional			
PTO (power take off)	Independent			
1-3/8 in., 540/1000 reversible shaft	Standard			
PTO Speed @ Engine RPM	540 PTO @ 2085 Engine rpm or 1000 PTO @ 2067 Engine rpm			
WHEELBASE				
2WD	96.7 in. (2456 mm)			
MFWD	96.5 in. (2450 mm)			
Max Ballast Level	14374 lb (6520 kg)			
Max Payload Capacity	17636 lb (8000 kg)			

Nominal data is metric. Standard data is converted from metric data. Use metric for all calculations. US EPA Interim Tier4/EU Stage IIb Tractor power and specifications. Manufacturers Estimates.

\* 97/68/EC power refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive. It is equivalent to internal Deere Standard RES10080, and SAE Standards J1349, J1995.



You have a loyal sidekick. So should your operation.



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.



U.S.A. [www.JohnDeereFinancial.com](http://www.JohnDeereFinancial.com) | Canada [www.JohnDeereFinancial.ca](http://www.JohnDeereFinancial.ca)



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