

# 6M SERIES

EXPECT MORE



JOHN DEERE



# EXPECT MORE

BUILT FOR THOSE WHO GO BEYOND THE ORDINARY.  
WELCOME TO THE 6M SERIES.





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# THE CAN DO TRACTORS

There is a 6M for any job. Select your tractor from nine high performance models in four wheelbases.



## 1 | BRAND NEW CAB

Completely updated internal and external design that puts a premium on visibility with more glass than ever and a lower hood for ultimate front visibility.

## 2 | FIRST-CLASS COMFORT

Look forward to the best ride experience ever – TLS front axle suspension and mechanical cab suspension make it happen.

## 3 | PAYLOAD: OFF THE CHARTS

With a maximum payload of 4.7 tonnes and rear hitch lift capacity of up to 5.7 tonnes for the extra small frame models, big loads and the biggest implements are no big deal.

## 7 | AXLES & TYRES

Take your pick from a broad portfolio of axle and tyre options including flange and rack and pinion axles.

## 8 | 100% JOHN DEERE

And backed by us: Engines, transmissions and full frame chassis are all designed, manufactured and tested by John Deere.

## 9 | HANDS-FREE STEERING

AutoTrac™ prevents costly overlaps and gaps. All while you relax, free to focus on other tasks. Now also available on the Corner Post Display – no need for an additional display.



#### 4 | ENGINE PERFORMANCE

Get all the power you need at reduced operating costs. Our 4.5 L or 6.8 L engines deliver up to 143 kW (195 hp) rated power and the 6090M, 6100M and 6120M models are also available with a 15 kW (20 hp) boost.

#### 10 | ENHANCED CONTROLS

Featuring eSCV as well as mSCV controls, the new right-hand console and the latest CommandARM™, paired with the Corner Post Display introduce a new level of intuitive operation.

#### 5 | TRANSMISSION CHOICES

Your high-efficiency options include PowrQuad™ Plus, AutoQuad™ Plus, CommandQuad™ Plus and AutoPower™.

#### 11 | CONNECTIVITY INSIDE

Available ex-factory, JDLink™ enables remote servicing and operator support.

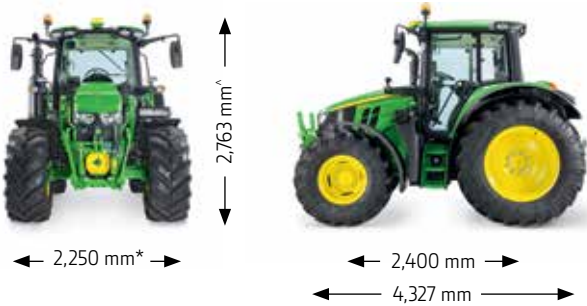
#### 6 | STRONG HYDRAULICS

Total performance – the pressure-and-flow compensated hydraulic system with up to four selective control valves (SCV's) or three SCV's plus PowerBeyond.



**6M EXTRA SMALL FRAME TRACTORS**

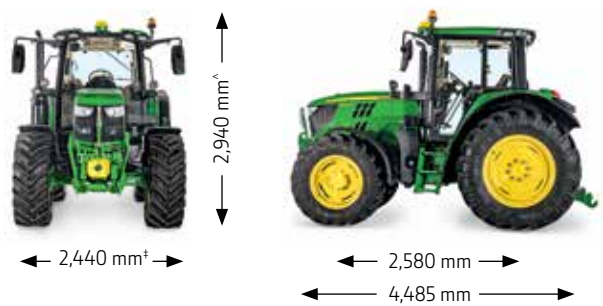
6090M, 6100M, 6120M



**5,750 KG<sup>†</sup>**

**6M SMALL FRAME TRACTORS**

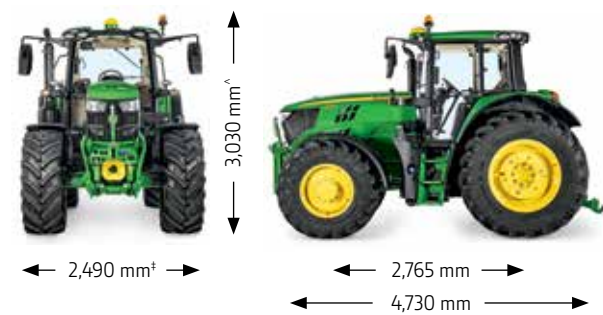
6110M, 6125M



**5,800 KG<sup>†</sup>**

**6M MID FRAME TRACTORS**

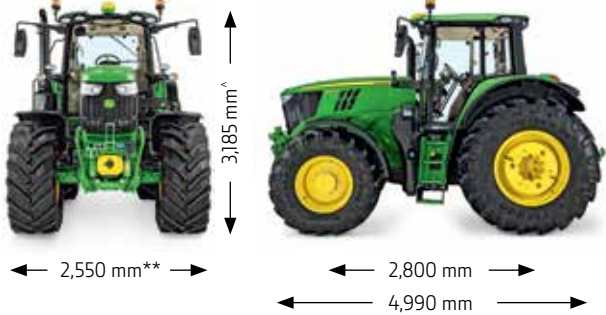
6140M, 6155M



**6140M 6,200 KG<sup>†</sup>**  
**6155M 6,700 KG<sup>†</sup>**

**6M LARGE FRAME TRACTORS**

6175M, 6195M

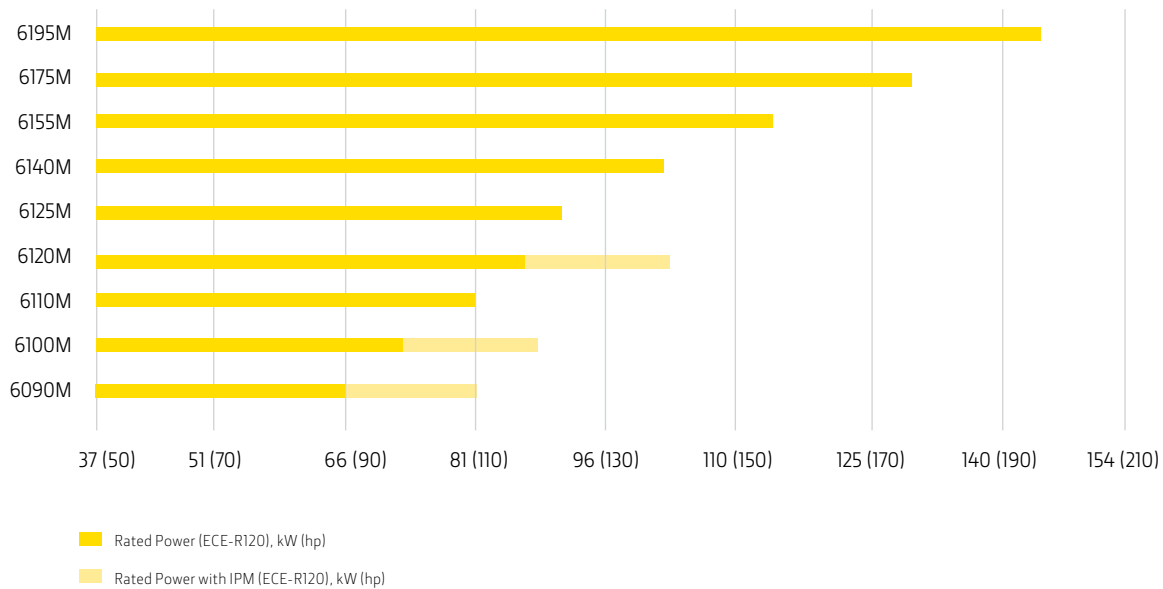


**7,500 KG<sup>†</sup>**

\* With 320/85R24 front tyres and 420/85R30 rear tyres.  
\*\* With 600/65R28 front tyres and 710/70R38 rear tyres.  
^ With Cab suspension.

† With 540/65R28 front tyres and 600/65R38 rear tyres.  
† Shipping weight (measured with average specifications).

## ENGINE PERFORMANCE

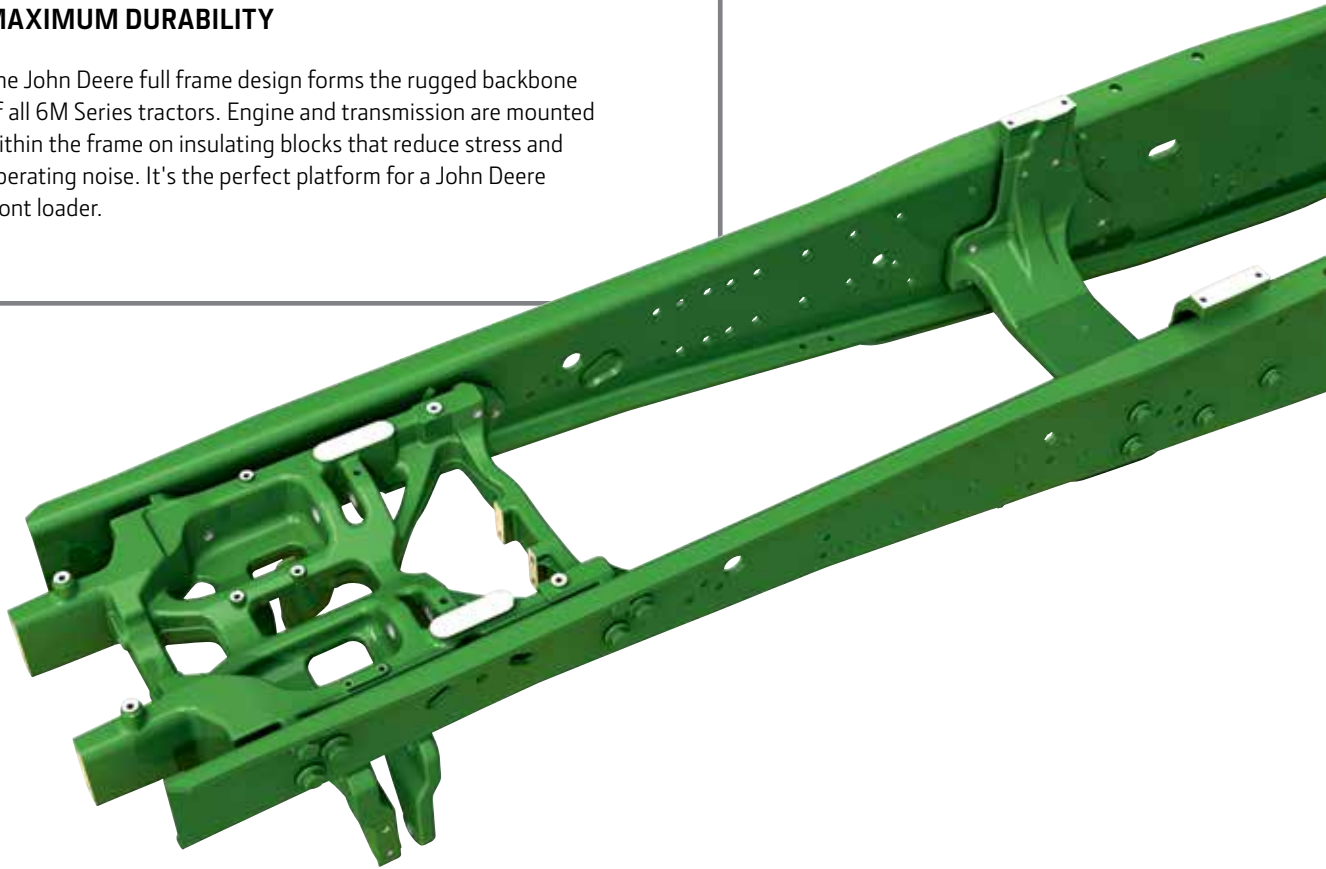


# WHICH 6M IS YOURS?

Finding your 6M is easy. Whether you are a livestock farmer, arable farmer, mixed farmer or run a contracting business – one of these tractors was made for you.

## MAXIMUM DURABILITY

The John Deere full frame design forms the rugged backbone of all 6M Series tractors. Engine and transmission are mounted within the frame on insulating blocks that reduce stress and operating noise. It's the perfect platform for a John Deere front loader.



## 6175M, 6195M: HEAVY-DUTY PERFORMERS

When the jobs are big, numerous and tough, these are the tractors to work with. Contractors also favour them for their top on-road performance.





**6090M, 6100M, 6120M:  
COMPACT BUILD, AGILE  
PERFORMANCE**

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



**6110M, 6125M:  
THE ALL-ROUNDERS**

They've got the power to pull more in the field and handle bigger implements – they're agile enough for loader work, and strong on the road.



**6140M, 6155M:  
SOLID POWER**

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

# 6090M, 6100M, 6120M

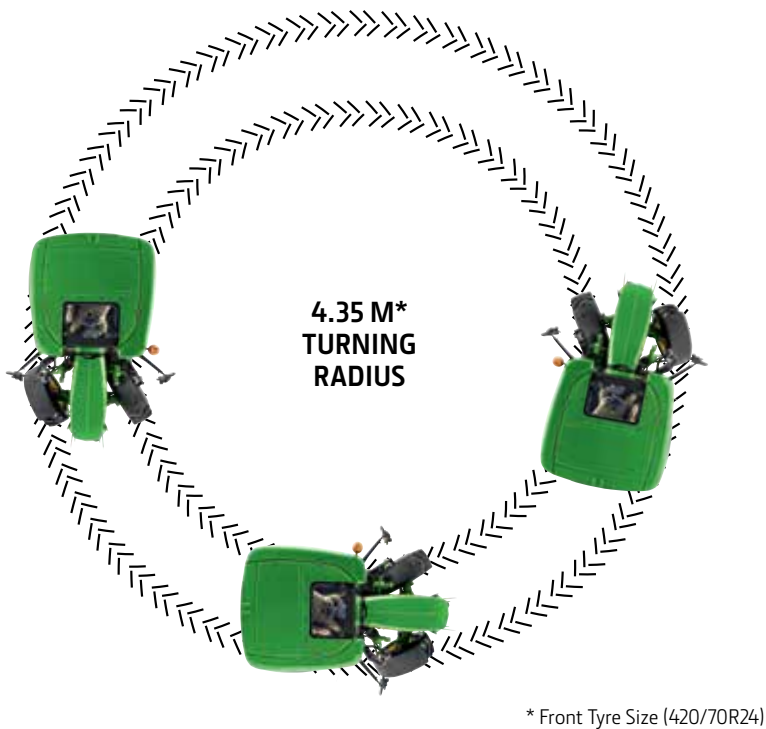
## 2,400 MM WHEELBASE

Their short wheelbase and compact build predestine these models for front loader work even in the tightest of spaces. And with a best-in-class payload of 4.7 tonnes, they also won't break a sweat with heavy implements.



## ENGINES

	6090M	6100M	6120M
Cylinders	4	4	4
Displacement (L)	4.5	4.5	4.5
Rated power (ECE-R120), kW (hp)	66 (90)	74 (100)	88 (120)
Rated power with IPM (ECE-R120) @2,100 rpm, kW (hp)	81 (110)	88 (120)	103 (140)
Emission standard	FT4 / Stage IV	FT4 / Stage IV	FT4 / Stage IV



## WORK ANYWHERE

Even with the loader mounting frames and loader connected, the 6M short frame tractors maintain a surprisingly small turning radius of 4.35 m. Perfect for front loader work in even the tightest of spaces.

## HOOK UP ANYTHING

Built to handle even the heaviest of implements, the new super robust category 3N rear hitch of the 6M short frame tractors has a maximum lift capacity of up to 5,700 kg.



## SEE EVERYTHING

The dropped hood raises front visibility to bring the action closer to you. The first spot visible in front of you is now just 6.5 m ahead.

# 6110M, 6125M

2,580 MM WHEELBASE



## ENGINES

	6110M	6125M
Cylinders	4	4
Displacement (L)	4.5	4.5
Rated power (ECE-R120), kW (hp)	81 (110)	92 (125)
Emission standard	Tier 2	Tier 2

**VERSATILY AND CAPABILITY  
WITHOUT COMPLEXITY**



### **CONVENIENT SCV CONTROL**

Optionally, the 6110M and 6125M come with 3 electronic SCV's, controlled with ergonomic convenience from the compact CommandARM™ or the Right Hand Console. Not quite enough? You can take that up to 4 SCV's + 3 Mid SCV's if your applications require it.



### **RECONFIGURABLE JOYSTICK**

Everything you need to control, one place to do it from: the electronic joystick enables you to reconfigure the hitch control and up to 3 SCV's in addition to gear shifting and the PowerReverser™ – convenient and efficient one-handed control of essential tractor functions.

# 6140M, 6155M

## 2,765 MM WHEELBASE

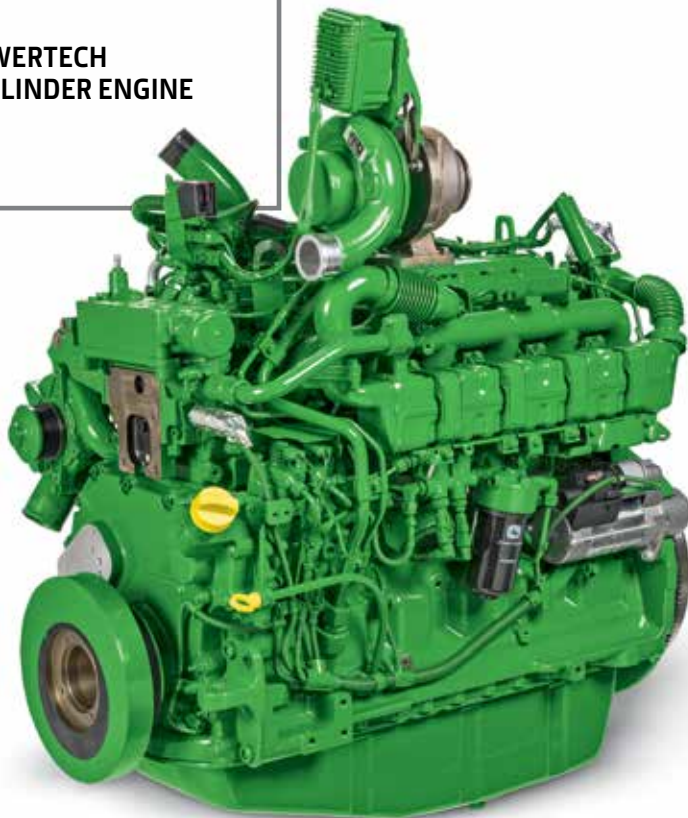
With a larger wheelbase, these models deliver a very solid and comfortable ride that benefits a variety of field and transport applications.



### ENGINES

	6140M	6155M
Cylinders	6	6
Displacement (L)	6.8	6.8
Rated power (ECE-R120), kW (hp)	103 (140)	114 (155)
Emission standard	Tier 2	Tier 2 or FT4 / Stage V

**6.0 L POWERTECH  
PVS 6-CYLINDER ENGINE**



**EXPECT MORE POWER**

The 6.0 L PVS engine available in the 6155M to 6195M delivers solid power output for conditions in which you need a little extra.

**READY FOR ANYTHING**

The key strengths and capabilities of our mid frames sit right in the sweet spot between agility and powerful performance.



# 6175M, 6195M

## 2,800 MM WHEELBASE

As a performance-oriented contractor or arable farmer, you will love these machines. Their extended wheelbase (2,800 mm) and large tyres let you bring all their power to the ground with maximum efficiency.



### ENGINES

	6175M	6195M
Cylinders	6	6
Displacement (L)	6.8	6.8
Rated power (ECE-R120), kW (hp)	129 (175)	143 (195)
Emission standard	Tier 2 or FT4 / Stage V	Tier 2 or FT4 / Stage V





**DESIGNED FOR COMFORT,  
EQUIPPED WITH EFFICIENCY**

### **PROVEN TRACTOR EFFICIENCY OF UP TO 90%**

How much power does a tractor actually deliver? Engine specifications in marketing materials are often misleading. What matters is not the engine power or the decal on the bonnet, it's the efficiency with which the available power is transmitted to the ground or to the PTO – in a 6M that number is an impressive 90%.

### **WORK SMARTER**

The new Corner Post display and compact CommandARM™ with electronic SCV: tools to enhance your comfort and keep your productivity high.





In the 6M's productivity cab everything is optimised for making the most of your time there.

## THE SEE MORE, DO MORE CAB

When we designed this tractor cab, our purpose was simple: to help you do more, with more ease. Your 6M workspace is all about intuitive and straightforward tractor operation. Guided by best-practice ergonomic principles, the design of the 6M's right-hand console and the new compact CommandARM™ is perfectly aligned with the new Corner Post Display in A-post – it's a smoothly productive operator experience that is enclosed by more glass all around for a wide-open unencumbered view.



### PANORAMA ROOF

When you've got some weight on your loader, you need to be in full visual control of the situation. The newly designed panorama roof enables you to be more accurate and quicker whatever the front loader task is.

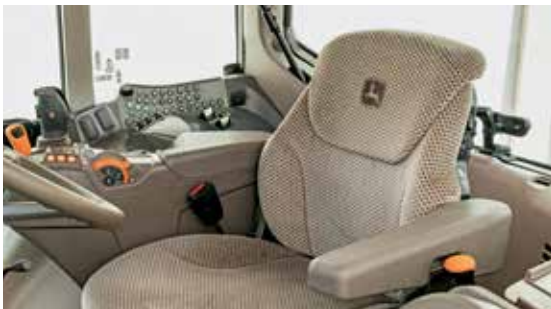
# MORE CONTROLS, YOUR CHOICE

You're going to spend many hours in your 6M. Thankfully, we just made that a whole lot more comfortable and convenient.

Everything about the controls in a 6M is about one thing – making the complex operations and manoeuvres of your day in the tractor as easy as possible. The combination of the Corner Post Display, the new right hand console, and the compact CommandARM™ provides a completely intuitive interface to your 6M, with effortless fingertip control and easy monitoring of all tractor functions.

## 1 | NEAT AND TIDY STORAGE

If you like your cab uncluttered but still have items you need to bring along, this is where you can keep them conveniently accessible. Alternatively, there's a fridge that fits the space.



## 2 | SIT WELL

No matter how long your day in the cab – this mechanical seat has the adjustments and suspension characteristics to make sure you're comfortable and protected.



The intuitive interface to your 6M: The Corner Post Display in A-post and the new compact CommandARM.



## 3 | NEW RIGHT HAND CONSOLE

You've got all the basics covered with this one – it's ergonomically designed, with all of the most essential controls within easy reach for you.



#### 4 | UNIVERSAL DISPLAYS

The Gen 4 4240 and the 4640 displays are your best choice if you are looking for an easy-to-use and fully ISOBUS AEF certified display with tablet like swiping that is also AutoTrac™ and section control capable. Add JDLink telematics module, ethernet cable and a JDLink™ Connect subscription and you also get wireless data exchange with the John Deere Operations Center.



#### 5 | NEW COMPACT COMMANDARM

Better controls give you more control. Operate all transmission functions at the highest level of comfort, control AutoTrac, set engine speed with precision and control the rear hitch.



#### 6 | ELECTRONIC JOYSTICK

Ergonomically positioned on the new compact CommandARM or on the Armrest, the electronic joystick works great for loader applications or can also be reconfigured for operating three eSCV's, rear hitch or one ISOBUS AUX functionality.

#### 7 | CORNER POST DISPLAY

Featuring user-friendly graphics and precise digital gauges, the dashboard gives you a well-organised overview of all major systems.

# CORNER POST DISPLAY

ONE GLANCE, ALL THE INFORMATION



Autotrac™ – now conveniently integrated right here



Turn lights on / off



Hitch menu – Load depth, upper limit, drop rate



Transmission menu – Eco engine speed, reverser ratio



Hydraulics menu – hydraulic flow control



Drop PTO on – Drop to target – PTO engaged



Performance monitor – measure performance, hectare count

## iTEC

iTEC Basic menu – iTEC on / off, and choose functionality



Maintenance menu – Check / control service interval + diagnostics



### INSTANT STATUS

Located on the A-post, in direct line of sight, the Corner Post Display shows important messages and warnings about essential tractor functions. It's conveniently operated by the combination of a selection wheel and quick access keys on the right-hand console.



# POWER WITHOUT LIMITS

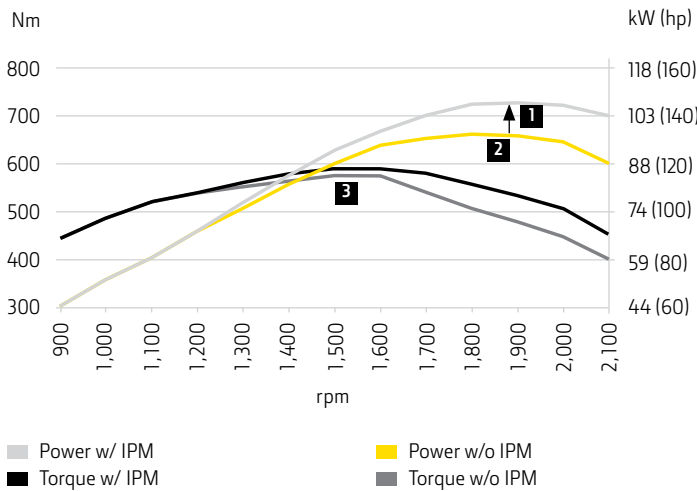
Get all the power you need with less fuel and lower emissions from our 4.5 L 4 cyl. EWL or our 6.8 L 6 cyl. PVS engine. The 6 cyl. engine features extended drain intervals of up to 750 hours.\*

## SOLID POWER

Compact goes beyond. Whatever the job, the 4.5 L EWL engine will deliver more than enough power thanks to 40% torque reserve and Intelligent Power Management.



6120M



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.

\* For selected equipment with John Deere Final Tier 4 / Stage V engines when using Plus-50 II John Deere filters.







**LONG 750 HOUR OIL CHANGE INTERVAL\***



**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 (36,000 psi). The PVS engine available in the 6155M, 6175M, and 6195M has a Variable Geometry Turbocharger that boosts performance and efficiency across the torque curve.



# PROVEN: EFFICIENT TRANSMISSIONS

## POWRQUAD™ PLUS, AUTOQUAD™ PLUS AND COMMANDQUAD™ PLUS

Our proven transmission portfolio combines superior ease of operation and convenience with outstanding efficiency to complement the power and torque of your 6M. For the 6090M-6155M models a creeper option with speeds as low as 72 m/h at 1,000 rpm is available.



### POWRQUAD PLUS

Three versions are available: 16/16, 20/20 and 24/24. All provide rapid shifting including speed matching for smooth shifting between ranges. They are operated by a single range lever with declutch function and push-button gear selection. SoftShift technology keeps the changes smooth, even under load.



### AUTOQUAD PLUS

All the benefits of PowrQuad Plus with the added convenience of automatic gear shifting. 20/20 and 24/24 versions are available. The EcoShift option combines high transport speed (40 km/h) and low engine rpm between 1,580 and 1,680 to reduce fuel consumption and emissions by up to 23%.



## COMMANDQUAD PLUS

Looking for that extra level of operational ease? Say hello to a lot less clutching and experience less tiresome, more productive days in the cab. You'll love the enhanced automatic capabilities of CommandQuad Plus.

### FULL AUTO MODE

Seamless driving that combines automatic shifting with fuel savings at a high level of convenience.

### STOP-AND-GO EASE

The AutoClutch function lets you stop the tractor without pressing the clutch – it makes a huge difference if you do a lot of stop-and-go work.

### EFFICIENT MULTI-RANGE SHIFTING

Fully robotised gear and range shifting: no clutching required. Using the double-bump feature, you can shift up one range with a quick double bump (C1 to D1 for example).

## ECOSHIFT ALSO AVAILABLE

With a transport speed of 40 km/h, this version fully automatically operates at engine speeds of only 1,670 rpm.

- 1 | Speed wheel
- 2 | Shift lever
- 3 | Automatic mode
- 4 | Manual mode
- 5 | Range selection



# AUTOPOWR™

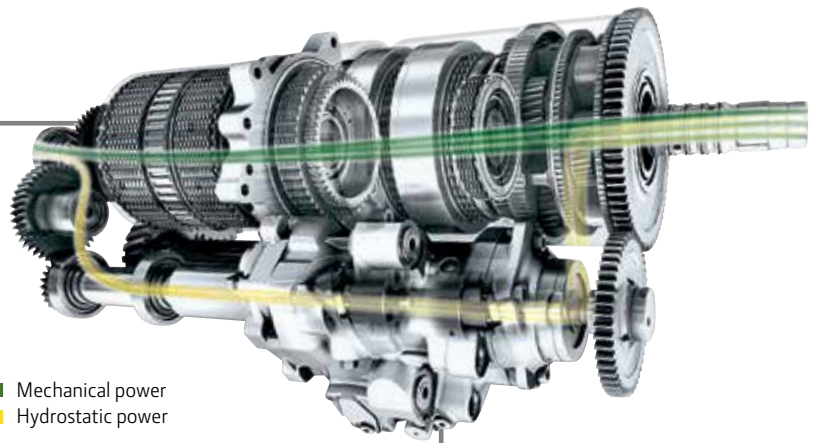
## INFINITE SPEED ADJUSTMENT

AutoPowr is a hydro-mechanical transmission that delivers stepless and continuous power at speeds between 50 m/h and 40 km/h. AutoPowr maintains the selected speed by automatically responding to changing load conditions. Once running at maximum road speed, engine rpm automatically drops to the minimum level required to maintain that speed – reducing noise and saving fuel. 40 km/h is maintained at 1,470 rpm.



**FINALLY, ULTIMATE  
CONVENIENCE ALSO  
MEANS SUPERIOR  
EFFICIENCY**

■ Mechanical power  
■ Hydrostatic power



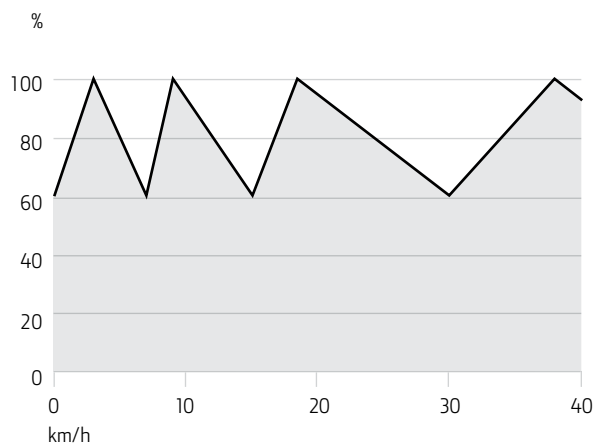
AutoPowr on the right-hand console



AutoPowr on the compact CommandARM™



Stepless and variable speed setting allows you precise and comfortable adjustment for each application.



## MAXIMUM EFFICIENCY

AutoPowr delivers 100% mechanical power at the following working speeds: 3 km/h (heavy draft), 9 km/h (light draft), 18.5 km/h (heavy transport) and 38 km/h (light transport). This results in superb transmission efficiency, close to that of mechanical transmissions. In fact, AutoPowr always converts more than 60% of the available power mechanically.

- 1 | Set-speed adjusting wheel
- 2 | Speed band two
- 3 | Speed band one





Work lights are cleverly integrated into the front, rear and sides of the roofline to prevent damage from low branches.

# LIGHT UP THE NIGHT

Stay productive 24/7 with the bright 360° visibility from lighting packages with up to 12 cab lights.



Get ready for a brand new kind of night: Our factory-installed lighting packages deliver a wide, bright and concentrated field of light all around your 6M. For even more demanding lighting requirements you'll want to opt for our LED lighting packages which consume less power, provide an even brighter, daylight-quality light and last longer.

**SELECT LIGHT PACKAGE**

- 1 | Four front grill mounted halogen lights (6090M, 6100M, 6120M)  
Six front grill mounted halogen lights (6110M, 6125M-6195M)
- 2 | Eight cab roof mounted halogen lights
- 3 | Two beltline mounted turn lights
- 4 | Two fender mounted brake and turn lights

**SELECT+ LIGHT PACKAGE**

- 1 | Four front grill mounted halogen lights (6090M, 6100M, 6120M)  
Six front grill mounted halogen lights (6110M, 6125M-6195M)
- 2 | Ten cab roof mounted halogen lights
- 3 | Two beltline mounted turn lights
- 4 | Two fender mounted brake and turn lights
- 5 | Footstep lights on both sides

**PREMIUM LIGHT PACKAGE**

- 1 | Four front grill mounted LED lights (6090M, 6100M, 6120M)  
Six front grill mounted LED lights (6110M, 6125M-6195M)
- 2 | Ten cab roof mounted LED lights
- 3 | Two beltline mounted turn lights
- 4 | Two fender mounted brake and turn lights
- 5 | Footsteps lights on both sides

**OPTIONAL**

- 6 | Two belt like work lights (HB3 or LED)
- 7 | Two belt line road lights (H4)
- 8 | Single or dual beacon lights





The John Deere full frame design provides a robust platform that effectively absorbs and resists loads and shocks – you're guaranteed a smooth and comfortable ride when you're on the road.



### **MECHANICAL CAB SUSPENSION**

Say good-bye to irritating vibrations and drive all day with relaxed focus. Our maintenance-free mechanical cab suspension pays for itself with increased driver productivity and best in class comfort.





# COMFORT THAT KEEPS YOU SHARP

A long day in the cab is hard work. Shocks and vibration cause fatigue. Proper suspension alleviates these effects and helps keep operators alert.

The John Deere full frame design is a solid platform that absorbs, and resists loads and shocks from the wheels, heavy implements and front loaders. To further minimise the fatigue and stress caused by unpleasant vibrations, 6M tractors can be specified with optional mechanical cab suspension. The standard front axle delivers superior on-road handling – Triple Link Suspension (TLS) is optionally available.

## TRIPLE LINK SUSPENSION

TLS – one short acronym with lots of benefits behind it:

- 7% more power to the ground than with a rigid axle
- A long draft member for better draft performance
- Hitch sensing system synchronisation to compensate power hop effects under heavy pull
- Self-levelling with 100 mm suspension travel
- Automatic axle sensitivity and suspension rate adjustment
- Optional brake discs in front axle hubs for more braking capacity



# GET HITCHED TO PRODUCTIVITY

Access all your pulling power across a wide variety of implements and applications with the many hitch, PTO and drawbar options of the 6M series.

## REAR PTO CHOICES

An independent 3-speed manually shifted rear PTO is standard on all 6M tractors – options include: 540 / 540E / 1000.

## POWERFUL HITCH OPTIONS

To easily handle heavy implements, 6M tractors offer three different rear hitch options. A category 2 / 3N with lift capacity of up to 6,400 kg and a category 3N / 3 for lifts of up to 9,050 kg.



## BALL-TYPE

Fulfilling all customer requirements, these hitches provide optimum traction and driving dynamics for tractor / trailer combinations.



## DRAWBAR

All 6M tractors are equipped with a Category 2 drawbar as standard. The 6090M-6140M can also be configured with a high clearance drawbar for an added level of versatility.



### **BIG FRONT HITCH LIFT**

There's more: Get up to 4,400 kg maximum lift capacity with our optional fully integrated front hitch, or even order your 6M with a front PTO.



# SMART MUSCLE ON TAP

On par with its premium segment sibling, the 6M features the same rear hitch geometry as the 6R Series tractors.

## EFFICIENT FLOW CONTROL

Easily controlled via the Corner Post Display, the 6M's Pressure and Flow Compensated system (PFC) will produce a powerful flow of up to 155 L/min. The smart part comes in when flow is not needed: The system automatically enters a "no flow" standby mode – improving fuel efficiency, implement performance and steering response. For operations with less demanding tasks, a cost effective, more basic Pressure Compensated system (PC) with 80 L/min is also available.



## EASY SCV ACCESS

Conveniently located between the rear hitch rails, the SCV stack groups together up to 4 SCV's or 3 SCV's plus Power Beyond, and the Pressure-Free Return circuit valve, with hydraulic flow easily adjusted from the Corner Post Display.





Adjustable Load Sensing: up to +24 bar (348 psi) for efficiently running implements that require high oil flow.

## HYDRAULIC PUMPS

With Pressure and Flow Compensated (PFC) systems, the hydraulic pumps on the 6M models deliver 114 L/min of flow as standard with the option to increase to 155 L/min on the 6175M and 6195M. A pressure compensated (PC) system on the 6090M-6140M at a rate of 80 L/min is also available.

	6090M-6140M	6155M	6175M-6195M
PC 80 L/min	□	-	-
PFC 114 L/min	■	■	■
PFC 155 L/min	-	-	□

■ Base □ Optional - Not available



# ALL TERRAIN, EVERY APPLICATION

Depending on the tread adjustment requirements of the jobs you mostly work with your tractor, you can choose between flange or rack and pinion axles on your 6M.



## FLANGE AXLES

Fixed or Adjustable wheels: These rear axle solutions give you various width settings. If that works for what you do, these axles are a great alternative to the more versatile rack and pinion axles.



**79 mm x 2,286 mm**  
79 mm Shaft – Short version

## CHOOSE YOUR AXLE

	6090M	6100M	6110M	6120M	6125M	6140M	6155M	6175M	6195M
Flange-Type Rear Axle	■	■	■	■	■	■	■	■	■
R&P Rear Axle – 79 mm Shaft	■	■	■	■	■	-	-	-	-
R&P Rear Axle – 79 mm Shaft – Short Version	■	■	■	■	■	-	-	-	-
R&P Rear Axle – 86 mm Shaft	■	■	-	■	-	■	-	-	-
R&P Rear Axle – 92 mm Shaft	-	-	-	-	-	-	■	■	■

■ Available – Not available



**79 mm x 2,550 mm**  
79 mm Shaft



**86 mm x 2,438 mm**  
86 mm Shaft



**92 mm x 2,550 mm**  
92 mm Shaft

## ADJUST TO ANY SITUATION

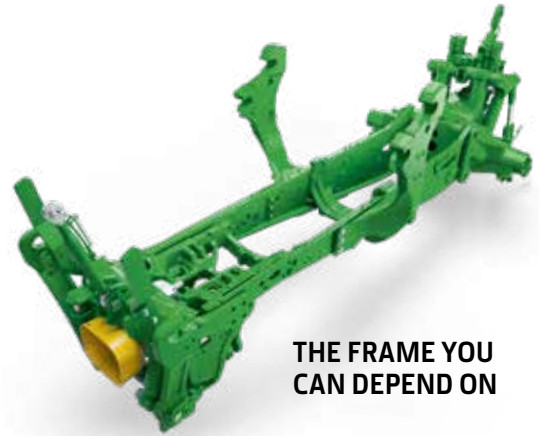
Cast wheels and the rack-and-pinion design have a couple of advantages: The heavier design provides additional weight, while making tread adjustments quick and easy. If many of your jobs require high clearances, you'll be well served with our two-position steel wheels with rack-and-pinion axles.

# GOT FRONT LOADER WORK?

In designing the 6M we paid particular attention to address front loader work requirements: manoeuvring to the load, seeing what you're doing, and delivering the power you need.

The combination of a short 2,400 mm wheelbase, reduced overall length and a nimble turning radius of 4.35 m is guaranteed to get your 6M right where you need it to be.

On certain terrains, front loader work can be a tricky balancing act. Not in a 6M. Its super strong integrated casting frame and a low centre of gravity give you the rock-solid foundation from which to master even the most challenging front loader jobs.



**THE FRAME YOU CAN DEPEND ON**



## A FULLER VISION

Working in a 6M cab feels like blinders have been taken off of you: the panorama roof, the panoramic windshield, and the low hood open up your field of vision like never before.



## BORN TO LIFT

The 6M gives you a lot of power to work with. It's advanced Pressure and Flow Compensated (PFC) hydraulic system can produce a flow of up to 114 L/min – that translates into more power and faster cycle times than you'd expect in this class of tractor.





6M owners swear by the simple ease of clutchless forward / reverse using the left-hand reverser or the new reverser on the joystick.

- 1 | Gear Shift Switch
- 2 | 3rd function, 4th function – activation of diverter (2 + 1F)
- 3 | Loader Suspension on / off
- 4 | Reverser



### MECHANICAL JOYSTICK WITH REVERSER

The mechanical Joystick provides convenient control. Additional joystick functions include GSS, diverter valves, loader suspension and reverser.



### ELECTRONIC JOYSTICK WITH REVERSER

Easily the most comfortable way to operate a front loader: the new reverser on the joystick lets you change the tractor's direction with the push of a button and shift gears on buttons 5 or 7.

# M SERIES LOADERS

## LIGHT AND VERSATILE

This is the affordable all-you-need solution for all standard applications – straight from the factory or as a retrofit.

Light-weight with fast cycle times, M Series loaders feature mechanical self-levelling (MSL) and offer two independent functions plus a diverter for the 3rd function. They have the same mounting frame as our R Series loaders for full fleet compatibility.



### SEE IT ALL

The design of the M Series is optimised for exceptional visibility when you connect your implements and of course during loader operation.

### TIME SAVING

Connect and disconnect the loader in less than 5 minutes and change implements with just one easily accessible lever.

### EASY MAINTENANCE

All bushings can be greased, the relevant ones can be replaced, and hydraulic hoses are protected inside the boom, with easy access to all main hydraulic parts if ever needed.

### A SMOOTHER RIDE

The optional suspension provides an altogether smoother ride for load, tractor and operator.



**AFFORDABLE, FASTCYCLE  
PRODUCTIVITY FOR ALL  
YOUR JOBS**

**TRACTOR / LOADER COMPATIBILITY**

Three M Loader models are available for the 6M tractors.

	603M	623M	643M
6090M, 6100M, 6120M	■	■	-
6110M, 6125M	-	■	■
6140M, 6155M	-	-	■

# R SERIES LOADERS

## RAISE YOUR GAME

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. John Deere R Series front loaders have our automatic latch designs, making the installation of loader and implements as easy as click & go. Three self-levelling options guarantee perfectly balanced application of the 6M's substantial power to the task at hand. The John Deere levelling link design makes more power available for lifting and never gets in the way of the operator's view.



### UNDERSLUNG LEVELLING LINK

The geometry of our front loader linkage has several advantages. The underslung levelling link does not impair your view, conveys more power and provides easier access for servicing.



### CLICK AND GO

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.



### AUTOMATIC IMPLEMENT LATCH

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



**MORE LIFT CAPACITY  
AND MORE PRACTICAL  
CONVENIENCE TO GET  
MORE DONE**

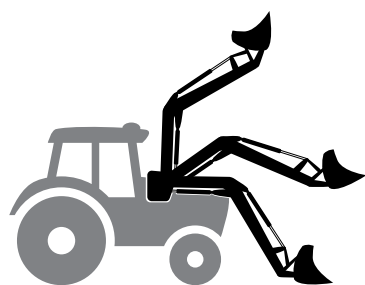
For the perfect fit, you have a choice of two R Series front loader sizes for each 6M model.

	603R	623R	643R	663R	683R
	NSL, MSL, HSL	NSL, MSL, HSL	NSL, MSL, HSL	NSL, MSL, HSL	MSL

#### TRACTOR / LOADER COMPATIBILITY

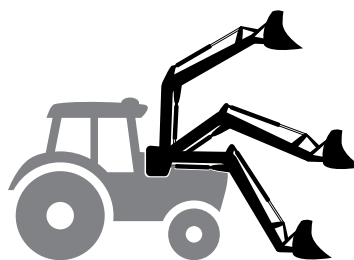
6090M, 6100M, 6120M	■	■	-	-	-
6110M, 6125M	-	■	■	-	-
6140M, 6155M	-	-	■	■	-
6175M, 6195M	-	-	-	■	■

\*NSL and HSL are available to New Zealand customers only.



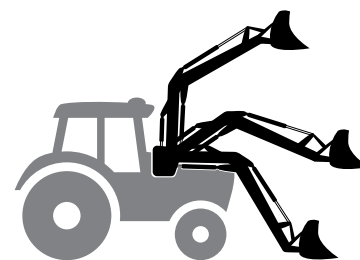
#### NON SELF-LEVELLING (NSL)

Ideal for working with grain and similar bulk matter.



#### MECHANICAL SELF-LEVELLING (MSL)

Capable of dealing with all kinds of heavy work. Levelling is maintained automatically.



#### HYDRAULIC SELF-LEVELLING (HSL)

Perfect for handling manure, silage, bulk materials, pallets and any other heavy-duty applications. Levelling is maintained automatically.



## OPTIONAL R LOADER FEATURES

We have a range of optional solutions that help you access all the built-in benefits of your John Deere R Series front loader. They'll save you time, boost convenience and reduce operator fatigue.



### EASY BUCKET UNLATCH

Nothing beats the convenience of hydraulic bucket unlatch with the cab mounted switch – all in a straightforward combination gas accumulator / oil pressure system.



### LOADER LIGHTS

Purpose-built John Deere loader lights provide the consistent and reliable illumination that you need when working with a front loader in darkness or poor visibility. Our lamps fit perfectly and also offer exceptional value.



### LOADER SUSPENSION

Activated from the joystick, its effective damping provides an altogether smoother ride for load, tractor and operator.














## WHICH LOADER?

Based on your application, let's narrow down which model is going to work best for you.

The versatile and affordable M loaders are ideal for all standard front loader tasks such as collecting bales, feeding cattle and moving pallets.

If you need extra lift capacity, perform heavy-duty operations such as forestry and earthwork, or if you're looking for even better visibility, enhanced comfort and performance, our R Series loader will be best for you.

	M LOADER	R LOADER
 Lift capacity		
 Collect bales	✓	✓
 Feed cattle	✓	✓
 Move pallets	✓	✓
 Digging / heavy duty		
 Suspension	□	□
 Lights	-	□

✓ Base □ Optional - Not Available

# MAKE THE MOST OF YOUR DAY

## AUTOTRAC™

AutoTrac hands-free steering adds more comfort: It reliably steers your tractor from day to night, through dust or on hilly terrain. That prevents costly overlaps or gaps and enables every operator to work at peak performance.

### FIND YOUR AUTOTRAC SOLUTION

Choose between AutoTrac on the Corner Post Display or AutoTrac Complete. AutoTrac on the Corner Post Display conveniently integrates AutoTrac into the in-base Corner Post Display of your 6M, comes with a StarFire 6000 Receiver and includes a life-time activation from the factory.

AutoTrac Complete also gets you the Gen4 4240 Universal Display, a StarFire 6000 Receiver and an AutoTrac activation – the full ready-to-go package.



The 4240 Universal Display enables AutoTrac Complete and adds capability for advanced automation features like section control and documentation to your 6M.

AutoTrac on the Corner Post Display leverages your in-cab display in the A-post for AutoTrac.






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**8%\***

 INPUT SAVINGS
 

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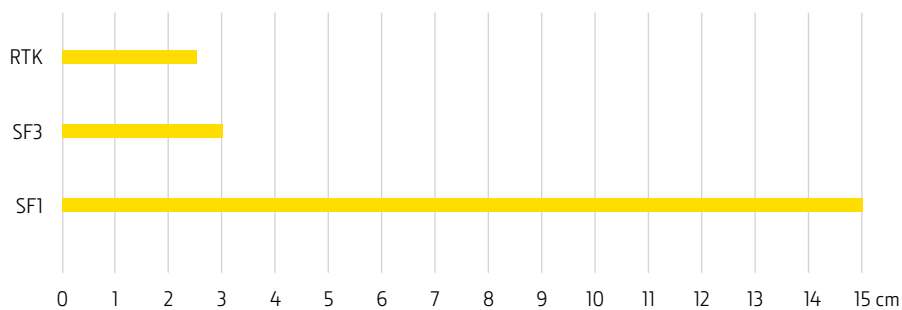
**14%<sup>^</sup>**

 PRODUCTIVITY  
INCREASE
 

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## THE STARFIRE 6000 RECEIVER

Fascinating with yet a new level of accuracy, signal stability and repeatability



- RTK with 2.5 cm: Pass-to-pass accuracy, featuring long-term repeatability including 14 days RTK Extend™ if you lose line of sight or mobile network.
- SF3 enabling 3 cm: Pass-to-pass accuracy and 9-month in-season-repeatability.
- Improved SF1 with 15 cm: Pass-to-pass accuracy, free of charge.

\* From 'Lohnunternehmen' 1/2010  
<sup>^</sup>From 'Landtechnik' 6/2006

## AUTOTRAC. NOW CONNECTED.

Together, AutoTrac and the John Deere Operations Center connect your office and your machines to improve overall business efficiency.



# CONNECT TO REDUCE IN-FIELD SET-UP TIME

## AUTOTRAC™ ONLINE

### ⊕ YOUR BENEFIT

- Quick and easy in-field display set-up
- Automated, reliable and error-free documentation
- Automated data back-up

Connect AutoTrac to the John Deere Operations Center and you can carefully plan your jobs during off-season. Easily create, edit or delete display set-up data like clients, farms and paddocks, boundaries, guidance lines and much more. All you need to wirelessly exchange data between your tractor and the operation center is a JDLINK™ modem, ethernet cable and a JDLINK connect subscription.

New field boundaries can be easily imported from a subsidy application portal or farm management software via shapefile. You can also draw them online or modify any existing boundaries, which is a great help for first time field localisation, especially if you contract or use seasonal employees. When you're done you can wirelessly send all data to the machines you select at the push of a button – eliminating time-consuming and error-prone manual set-up on multiple displays in the field. When you approach a new field, the related client, farm and field data will automatically be detected. Upon confirmation, the boundaries are loaded, and the preferred guidance line can be chosen from a pre-populated list. Finally, your display data is always backed up.

# DOCUMENTATION MADE EASY

## MANAGE YOUR PADDOCKS THE SMART WAY

The John Deere Operations Center puts your farm in your pocket: Easy-to-understand, integrated tools support your agronomic decision making and help you get maximum yield and consistent quality from your soil at significantly reduced input costs. Plan your crop rotation and tasks for the upcoming season with a structured overview that will make it effortless to create display set-up files and work orders. As the individual tasks are being completed, your documentation data is automatically uploaded from your in-cab display to your personal Operations Center account. From there all operational details are easily visualised on a nicely structured timeline – anytime, anywhere, from any internet-capable device, allowing you to view your mapping or compare different map layers like yield, dry matter, crop constituents, and application rates.

This is how you turn valuable agronomic insights into smart decisions and more easily define corrective actions. Other integrated tools enable you to easily turn this data into site-specific variable rate prescriptions and allow you to collaborate with agronomic advisors by granting them field-specific access rights. Finally, documenting your work for clients becomes a breeze with easily created, printed and shared reports.

### **+** YOUR BENEFIT

- All info in one centralised location, nicely structured and easily accessible
- Gain insights for smart, fact-based decisions
- Leverage numerous additional agronomic tools for further data processing and analysis
- Easy and fast data transfer with Wireless Data Transfer




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### **NEW: MYOPERATIONS™ APP**

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All the insight you need for fact-based decision making – conveniently displayed on your smartphone.

# SERVICES THAT BENEFIT YOU

John Deere dealers have access to several cutting-edge digital remote tools that allow them to provide you with a suite of proactive services tailored to your needs. All 6M tractors come standard with a JDLink™ telematics module, including a free 3-year subscription.

## REMOTE MACHINE MONITORING

It's yet another service that sets John Deere apart. Upon your consent, our Machine Dashboard displays the operating condition data and error codes to your dealer in real time. They can remotely connect to the machine, run further diagnostics and perform remote software updates to help you faster than ever before. Plus, our new Expert Alerts are included as well.

## AUTOMATIC MAINTENANCE PLANNING

You'll always be perfectly on track with your maintenance. Automated notifications can be based on actual machine hours or calendar dates and alert you to maintenance tasks which need to be performed.

## MYJOHNDEERE™ ACCOUNT SETUP

This service includes the basic set-up of a MyJohnDeere account and Operations Center organisation to connect your machine.

## REMOTE OPERATOR SUPPORT

You need instant advice and can't wait for someone to come to the paddock? Remote Display Access allows your dealer expert to remotely assist you and your operators with machine / implement setup and more – like being virtually in the cab.



## EXPERT ALERTS

Expert Alerts, our newest remote diagnostics advancement, is based on smart software algorithms that can predict many potential technical issues before they have a negative impact or cause damage. Repairs become plannable while downtime and costs can be reduced significantly.

## EXPERT CHECK

Using a special John Deere inspection checklist, your dealer expert performs a thorough technical examination of your machine. He will advise you on what measures to take and take care of all relevant software updates to ensure maximum uptime in the next season.

## OPERATIONS CENTER INTRODUCTION

You want to properly store and manage field boundaries, guidance lines, documentation data and have access to a full suite of farm management tools? Then this is the right package element for you.

## OPTIMISATION VISIT

Benefit from dealer product specialist experience to fully exploit your machine's capabilities. Thanks to their detailed product knowledge, dealer product specialists can help you by reviewing your current machine settings and providing improvement recommendations.

# POWERGARD PROTECTION PLAN™

## STATUS: PROTECTED

When you protect your equipment with a PowerGard Protection Plan, your business has the steady machine uptime and non-stop peak performance it needs to thrive.



### POWERGARD PROTECTION PLAN

Base level of protection that covers unusual events that can lead to costly repairs, and also covers the main drivetrain components.

PowerGard agreements protect you against unexpected repair costs and keep your maintenance on track with genuine parts. Two fixed rate packages provide increasingly comprehensive levels of cover to keep your machine running at peak performance with steady uptime.

### COMPREHENSIVE (FULL MACHINE)

- Engine
- Electrical
- Powertrain
- Steering and brakes
- Hydraulics
- Frames, axles and bearings
- Operator's station

### LIMITED

- Engine
- Powertrain

## SPECIFICATIONS

	6090M	6100M	6120M
	EXTRA SMALL FRAME		
<b>ENGINE PERFORMANCE</b>			
Rated power (ECE-R120), kW (hp)	66 (90)	74 (100)	88 (120)
Rated power with IPM (ECE-R120) @ 2,100 rpm, kW (hp)	81 (110)	88 (120)	103 (140)
Max. power (ECE-R120), @ 1,900 rpm, kW (hp)	73 (100)	81 (111)	98 (133)
Max. power with IPM (ECE-R120), kW (hp)	84 (114)	92 (125)	107 (145)
Constant power range, rpm	2,100-1,500	2,100-1,500	2,100-1,500
Torque reserve, % percentage		40	
Maximum torque, Nm (@ 1,600 engine rpm) – without boost	421	468	562
Rated speed, rpm		2,100	
Manufacturer	John Deere Power Systems		
Type	PowerTech™ EWL		
Aftertreatment	Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) using DEF		
Aspiration	Single turbocharger with wastegate		
Cylinders / Displacement	4 / 4.5 L		
Cooling system	Stacked ducted system with mechanical (bi-metal) visco clutch		
Fuel injection system & control	High pressure common rail system HP3-Denso		
<b>TRANSMISSIONS</b>			
<b>POWRQUAD™ PLUS</b>			
16 / 16, 2.4 - 30 km/h	■	■	■
16 / 16, 3.2 - 38 km/h	■	■	■
20 / 20, 2.5 - 40 km/h			
24 / 24, 1.4 - 40 km/h	■	■	■
<b>AUTOQUAD™ PLUS</b>			
20 / 20, 2.5 - 40 km/h			
24 / 24, 1.4 - 40 km/h	■	■	■
<b>AUTOQUAD PLUS ECOSHIFT</b>			
20 / 20, 2.5 - 40 km/h			
24 / 24, 1.4 - 40 km/h	■	■	■
<b>COMMANDQUAD™ PLUS</b>			
20 / 20, 2.5 - 40 km/h			
24 / 24, 1.4 - 40 km/h	■	■	■
<b>COMMANDQUAD PLUS ECOSHIFT</b>			
20 / 20, 2.5 - 40 km/h			
24 / 24, 1.4 - 40 km/h	■	■	■
Creeper (PowrQuad Plus, AutoQuad Plus and AutoQuad Plus EcoShift)	■	■	■
<b>AUTOPOWER™</b>			
0.05 - 40 km/h	■	■	■
<b>AXLES</b>			
Suspended front axle (option)	Triple Link Suspension (TLS) MFWD Axle, hydro-pneumatic, permanently active, triple link, self-levelling suspension		
Suspension range with TLS Plus	100 mm suspension range		
Engagement front differential lock	Self-locking differential		
Engagement rear differential lock	Electro-hydraulic with oil cooled clutch		
Rear axle	Flange axle / Rack and Pinion axle		
<b>STEERING</b>			
Type	Dynamic load sensing, hydrostatic, flow metering		
<b>HYDRAULIC SYSTEM</b>			
Type	Pressure Compensated (PC) / Pressure & Flow Compensated (PFC) system with load sensing function		
Flow at rated engine speed (base / option), L/min	114 / 80		
Selective control valves	Up to 4 rear + 3 mid		
Power beyond	Optional		
Oil take out capacity with overfill, L	25		
Oil take out capacity with overfill with additional oil reservoir, L	No overfill with additional tank allowed		

\* FT4 / Stage V only, for Tier 2 specifications refer to 6110M, 6125M or 6140M column.

6110M	6125M	6140M	6155M	6175M	6195M
SMALL FRAME		MID FRAME		LARGE FRAME	
81 (110)	92 (125)	103 (140)	114 (155)	129 (175)	143 (195)
n/a	n/a	n/a	n/a	n/a	n/a
90 (122)	102 (139)	114 (155)	126 (172)	143 (194)	159 (216)
n/a	n/a	n/a	n/a	n/a	n/a
2,100-1,600	2,100-1,600	2,100-1,600	2,100-1,600	2,100-1,600	2,100-1,600
35	35	35	40	40	40
486	520	618	684	773	861
2,100					
John Deere Power Systems					
PowerTech E	PowerTech E	PowerTech E	PowerTech PVS*	PowerTech PVS*	PowerTech PVS*
n/a	n/a	n/a	Lifetime Diesel Particle Filter (DPF), Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) using DEF*		
Single fixed geometry turbo charger			Variable geometry turbo charger*		
4 / 4.5 L	4 / 4.5 L	6 / 6.8 L	6 / 6.8 L	6 / 6.8 L	6 / 6.8 L
Stacked ducted cooling system with visco clutch					
High pressure common rail system, electronically controlled					
■	■	■	■	■	■
■	■		■	■	■
■	■	■			
■	■	■	■	■	■
■	■	■	■	■	■
■	■	■	■	■	■
■	■	■	■	■	■
■	■	■	■	■	■
■	■	■	■	■	■
■	■	■	■	■	■
Triple Link Suspension (TLS) MFWD Axle, hydro-pneumatic, permanently active, triple link, self-levelling suspension					
100 mm suspension range					
Self-locking differential					
Electro-hydraulic with oil cooled clutch					
Flange axle / Rack and Pinion axle					
Dynamic load sensing, hydrostatic, flow metering					
Pressure & Flow Compensated (PFC) system with load sensing function / Pressure Compensated (PC)			Pressure & Flow Compensated (PFC) system with load sensing function		
114 / 80		114		114 / 155	
Up to 4 rear + 3 mid					
Optional					
25	25	35	35	35	35
37	37	47	47	47	47

## SPECIFICATIONS

	6090M	6100M	6120M
	EXTRA SMALL FRAME		
<b>3-POINT HITCH – REAR</b>			
Type	Electronic lower link sensing; load & depth control, infinite mix, float		
Category	II / IIIN		
Maximum lift capacity at hooks, kg (base / option)	4,350 / 5,700		
Lift capacity through full lift range (OECD 610 mm), kg (base / option)	2,750 / 3,600		
<b>3-POINT HITCH – FRONT, OPTIONAL</b>			
Type	Front hitch controlled by 1st rear SCV		
Category	IIIN		
Maximum lift capacity at hooks, kg	4,000		
Lift capacity through full lift range (OECD at the hooks), kg	3,300		
<b>REAR PTO</b>			
Type	Electro-hydraulically engaged, oil cooled, multi-disc design		
Engine rpm at rated PTO speeds with 540 option	1,948		
Engine rpm at rated PTO speeds with 540 / 1,000 option	1,977 / 1,972		
Engine rpm at rated PTO speeds with 540 / 540E / 1,000 option	1,977 / 1,503 / 1,972		
<b>FRONT PTO, OPTIONAL</b>			
Type	Electro-hydraulically engaged, oil cooled, multi-disc design		
Engine speed at rated PTO speed (1,000), rpm	1,969		
<b>CAB</b>			
Specifications	310° all-round vision cab with 2 B-post doors, telescoping and tiltable steering column / wheel		
Suspension (option)	Mechanical cab suspension		
Noise level at operator's ear, dB(A)	70		
Cab glass area, m <sup>2</sup>	4.85		
Display	Corner Post display located at A-post		
<b>MISCELLANEOUS</b>			
AutoTrac™ Ready	Optional		
ISOBUS ready	Optional		
ISOBUS implement connection	Optional		
Immobilizer	Optional		
Trailer brake systems (options)	Hydraulic and / or pneumatic system		
Pneumatic trailer brake system (option)	2 line system, park brake actuation engages trailer brakes, comes with air dryer		
<b>CAPACITIES</b>			
Fuel Tank (base / option), L	175 / 205		
DEF tank, L	19		
Engine coolant, L	20		
<b>DIMENSIONS AND WEIGHTS</b>			
Wheelbase, mm	2,400		
Width x Height x Length, mm (maximum)	2,440 x 2,850 / 2,900* x 4,327 [600/65R38 (175)]		
Width x Height x Length, mm (minimum)	2,250x 2,715 / 2,763* x 4,327 [420/85R30 (148)]		
<i>Measured with flanged axle, up to cab roof, from front hydraulic to horizontal draft link hooks and with min. / max. front tyres, min. / max. rear tyre sizes.</i>			
Ground clearance, mm (min. / max.)	364 / 559		
<i>Measured at center of front axle, using max. front and max. rear tyre sizes.</i>			
Shipping weight, kg	5,750		
<i>Measured with average specifications.</i>			
Maximum permissible gross weight, kg	10,450		
<b>TYRE SIZES</b>			
Front tyre sizes, max. available (diameter in cm)	540/65R24 (134)		
Rear tyre sizes, max. available (diameter in cm)	600/65R38 (175)		

\* Without cab suspension / with cab suspension

^ FT4 / Stage V only, for Tier 2 specifications refer to 6110M, 6125M or 6140M column.



6110M	6125M	6140M	6155M	6175M	6195M
SMALL FRAME		MID FRAME		LARGE FRAME	
Electronic lower link sensing; load & depth control, infinite mix, float					
II / IIIN	II / IIIN	IIIN	III	III	III
5,700 / 6,400	5,700 / 6,400	6,780	7,207	8,518	8,518
3,600 / 4,100	3,600 / 4,100	4,330	3,719	4,850	4,850
Front hitch controlled by 1st rear SCV					
IIIN					
4,000					
3,300					
Electro-hydraulically engaged, oil cooled, multi-disc design					
n/a					
1,967 / 1,962	1,967 / 1,962	1,967 / 1,962	1,987 / 2,000	1,950 / 1,950	1,950 / 1,950
1,967 / 1,496 / 1,962	1,967 / 1,496 / 1,962	1,967 / 1,496 / 1,962	1,987 / 1,753 / 2,000	1,950 / 1,721 / 1,950	1,950 / 1,721 / 1,950
Electro-hydraulically engaged, oil cooled, multi-disc design					
1,969					
310° all-round vision cab with 2 B-post doors, telescoping and tiltable steering column / wheel					
Mechanical cab suspension					
70					
4.85					
Corner Post display located at A-post					
Optional					
Optional					
Optional					
n/a	n/a	n/a	Optional	Optional	Optional
Hydraulic and / or pneumatic system					
2 line system, park brake actuation engages trailer brakes, comes with air dryer					
260	260	345	270 <sup>a</sup>	325 (Tier 2: 390)	325 (Tier 2: 390)
n/a	n/a	n/a	16 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>
22	22	27	27	28	28
2,580		2,765		2,800	
2,440 x 2,940 x 4,485	2,440 x 2,940 x 4,485	2,490 x 2,990 x 4,730	2,490 x 3,030 x 4,730	2,550 x 3,185 x 4,990	2,550 x 3,185 x 4,990
-	-	-	-	-	-
490		530		545	
5,800	5,800	6,200	6,700	7,500	7,500
10,450	10,450	10,450	11,000	12,300	12,300
540/65R24 (134)		540/65R28 (144)		600/65R28 (152)	
600/65R38 (175)		650/65R38 (185)		710/70R38 (200)	

## LOADER SPECIFICATIONS

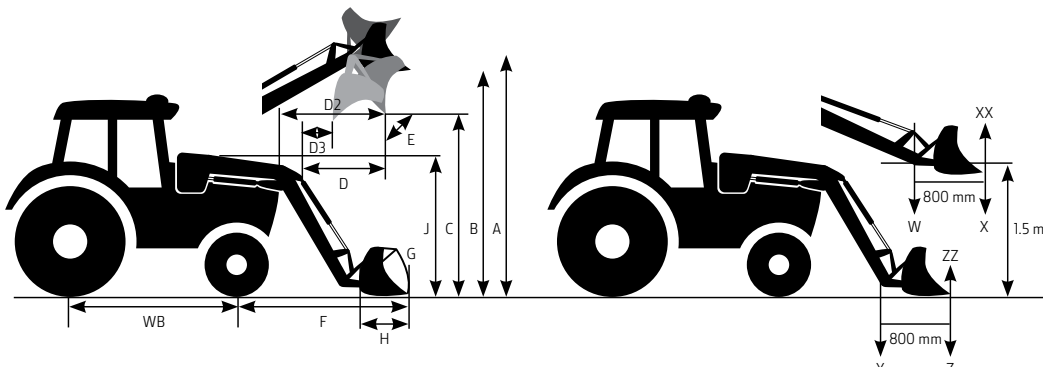


The American Society of Agricultural and Biological Engineers is an educational and scientific organization dedicated to the advancement of engineering applicable to agricultural, food, and biological systems. Founded in 1907 and headquartered in St. Joseph, Michigan, ASABE comprises 8,000 members in more than 100 countries.

EXTRA SMALL FRAME 6M				6090M, 6100M, 6120M	
<b>LOADER MODEL</b>				<b>603M</b>	
<b>LEVELLING SYSTEM</b>				<b>MSL</b>	
Front tyre				540 / 65R24	
Rear tyre				600 / 65R38	
<b>LOADER</b>					
Bucket				1,850 mm Standard	
Bucket weight				kg	216
Lift capacity @ full height	Measured @ 800 mm ahead of pivot	(V)	kg	1,703	
Maximum lift height		(A)	mm / in	3,937 / 155	
Reach	@ Maximum height	(D)	mm / in	813 / 32	
Cycle times	Loader raise		sec	4	
SMALL FRAME 6M				6110M, 6125M	
<b>LOADER MODEL</b>				<b>623M</b>	
<b>LEVELLING SYSTEM</b>				<b>MSL</b>	
Front tyre				540 / 65R24	
Rear tyre				600 / 65R38	
<b>LOADER</b>					
Bucket				2,200 mm Standard	
Bucket weight				kg	244
Lift capacity @ full height	Measured @ 800 mm ahead of pivot	(V)	kg	1,765	
Maximum lift height		(A)	mm / in	4,120 / 162	
Reach	@ Maximum height	(D)	mm / in	752 / 30	
Cycle times	Loader raise		sec	6.6	
MID FRAME 6M					
<b>LOADER MODEL</b>					
<b>LEVELLING SYSTEM</b>					
Front tyre					
Rear tyre					
<b>LOADER</b>					
Bucket					
Bucket weight				kg	
Lift capacity @ full height	Measured @ 800 mm ahead of pivot	(V)	kg		
Maximum lift height		(A)	mm / in		
Reach	@ Maximum height	(D)	mm / in		
Cycle times	Loader raise		sec		
LARGE FRAME 6M					
<b>LOADER MODEL</b>					
<b>LEVELLING SYSTEM</b>					
Front tyre					
Rear tyre					
<b>LOADER</b>					
Bucket					
Bucket weight				kg	
Lift capacity @ full height	Measured @ 800 mm ahead of pivot	(V)	kg		
Maximum lift height		(A)	mm / in		
Reach	@ Maximum height	(D)	mm / in		
Cycle times	Loader raise		sec		

The values may vary according to the tractor and loader settings / configuration.

\*NSL Loader only available in New Zealand



6090M, 6100M, 6120M

623M		603R		623R	
MSL	NSL*	MSL	NSL*	MSL	NSL*
540/65R24				480/70R24	
600/65R38				520/70R38	
2,200 mm Standard		1,850 mm Standard		2,200 mm Heavy Duty	
244	236	236	310	310	310
1,770	1,524	1,971	1,734	2,152	2,152
4,121 / 162	3,899 / 153	3,900 / 153	4,090 / 160	4,090 / 160	4,090 / 160
751 / 30	944 / 37	944 / 37	831 / 32	831 / 32	831 / 32
6.6	3.1	4.1	3.4	3.4	3.4

6110M, 6125M

643M		623R		643R	
MSL	NSL*	MSL	NSL*	MSL	NSL*
540 / 65R24				480 / 70R24	
600 / 65R38				520 / 70R38	
2,200 mm Standard		1,850 mm Standard		2,200 mm Heavy Duty	
244	236	236	310	310	310
1,918	1,757	2,272	1,770	2,330	2,330
4,159 / 164	4,124 / 162	4,124 / 162	4,151 / 163	4,151 / 163	4,151 / 163
920 / 36	759 / 30	759 / 30	982 / 39	982 / 39	982 / 39
4.5	3.4	3.4	3.5	3.3	3.3

6140M, 6155M

643M		643R		663R	
MSL	NSL*	MSL	NSL*	MSL	NSL*
480 / 70R28		480 / 70R28		540 / 65R28	
580 / 70R38		580 / 70R38		650 / 65R38	
2,200 mm Standard		2,150 mm Heavy Duty		2,450 mm Heavy Duty	
244	310	310	355	355	355
1,875	1,817	2,279	1,844	2,327	2,327
4,300 / 169	4,300 / 169	4,300 / 169	4,495 / 177	4,495 / 177	4,495 / 177
638 / 25	841 / 33	841 / 33	1,026 / 40	1,026 / 40	1,026 / 40
4.7	3.7	3.5	4.0	3.9	3.9

6175M, 6195M

663R		683R	
NSL*	MSL	NSL*	MSL
	600 / 65R28		
	710 / 70R38		
2,450 mm Heavy Duty			
356	356	356	356
1,857	2,352	2,506	2,506
4,520 / 178	4,520 / 178	4,480 / 176	4,480 / 176
1,004 / 40	1,004 / 40	1,335 / 53	1,335 / 53
4.0	3.9	4.2	4.2

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