

6M



JOHN DEERE

NOTHING RUNS LIKE A DEERE

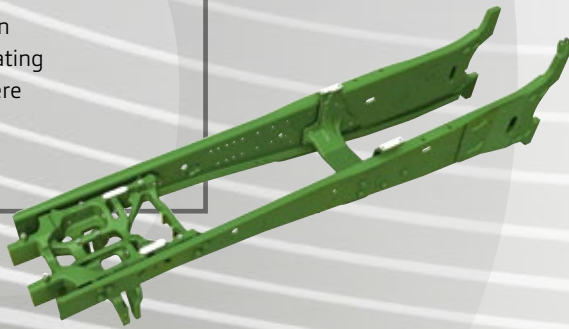
INSTANT PRODUCTIVITY

THE 6M: POWERFUL. FAST. INTUITIVE.

No fuss, all the power you need and faster - the 6M experience is all about getting things done. These powerful tractors are cost-effective to own, supremely easy to operate from the get-go and will have you zipping along at up to 50 km/h. Built for those who go beyond the ordinary.

MAXIMUM DURABILITY

The John Deere full-frame design forms the rugged backbone of all 6 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.



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COMPLETE SOLUTION

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6M: JUST THE FACTS

NOTABLE FEATURES

There is a 6M for any job. Select your tractor from 17 high-performance models in five wheel bases.

VERSATILITY CHAMPION™

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.



1 | SEE-MUCH-MORE CAB

The thoughtful internal and external design puts a premium on visibility - with more glass than ever and a lower hood for ultimate front visibility on the 6M 95 up to the 6M 125.

2 | MAKE IT YOURS

Featuring eSCV or mSCV controls, the right-hand console or the Compact CommandARM™, in conjunction with the Corner Post Display, allows you to customise your 6M to fit your individual needs perfectly.

3 | TRANSMISSION CHOICES

Your high-efficiency options include PowerQuad Plus, AutoQuad™ Plus, CommandQuad™ Plus and AutoPowr™. Get any job done faster with the optional 50 kph transmission.

7 | FIRST-CLASS COMFORT

You can look forward to the best ride experience ever – thanks to TLS™ front axle suspension and mechanical cab suspension.

8 | PRECISION AG ON DEMAND

Add a 10.1" or 12.8" G5™/G5^{Plus} Universal Display with effortless ISOBUS implement connectivity, AutoTrac™, Section Control and Variable Rate Control included, and you're 100% Precision Ag-ready.

9 | ALWAYS UP-TO-DATE

JDLink™ enables remote operator support and ensures your tractor always gets the latest over-the-air software updates. Thanks to Data Sync, your field data and guidance lines are wirelessly shared between your machines and managed from Operations Center™ for faster starts in the field.



4 | ENGINE PERFORMANCE

Our 4.5 or 6.8 l John Deere engines boast up to 281 hp max with reduced operating costs, and all models get up to 20 hp more with Intelligent Power Management.

5 | PAYLOAD: OFF THE CHARTS

With a maximum payload of up to 4.7 tons and a rear hitch capacity of up to 5.7 tons, big loads and the biggest implements are no big deal for the 6M 95 to 6M 150 models.

6 | STRONG HYDRAULICS

The pressure and flow-compensated hydraulic system, with up to four selective control valves plus Power Beyond, delivers up to 195 l/min for top productivity.

10 | AXLES AND TYRES

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

11 | 100% JOHN DEERE

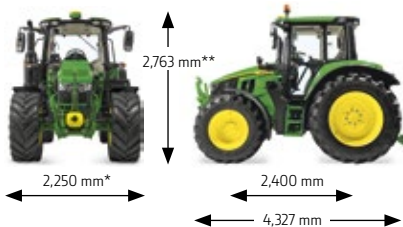
And 100% backed by us, engines, cab, transmissions, and full-frame chassis are all designed, manufactured and tested by John Deere.

12 | LOW COST OF OWNERSHIP

Low fuel consumption, low maintenance and repair costs, and a solid resale value guarantee you the best value for your money.



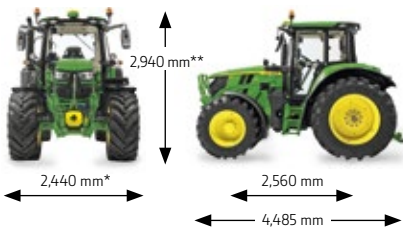
**SHORT FRAME:
COMPACT BUILD,
AGILE PERFORMANCE**



* With 320/85R24 front tyres and 420/85 R30 rear tyres
** Rear tire size: 420/85 R30. With Cab suspension (height without Cab suspension: 2,713 mm)

5,900 KG***

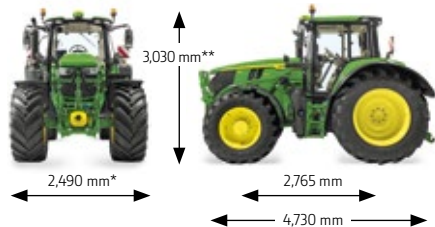
**SMALL FRAME:
THE ALL-ROUNDERS**



* With 540/65R24 front tyres and 600/65R38 rear tyres
** With Cab suspension

6,200 KG***

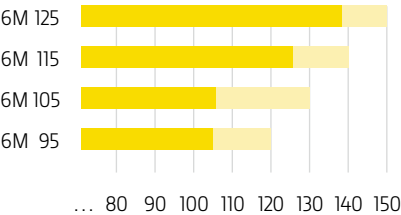
**MID FRAME:
SOLID POWER**



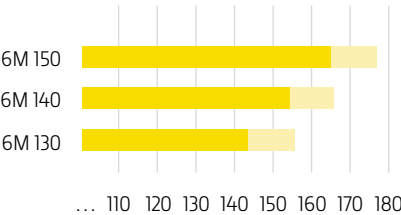
* With 540/65R28 front tyres and 650/65R38 rear tyres
** With Cab suspension

7,800 KG***

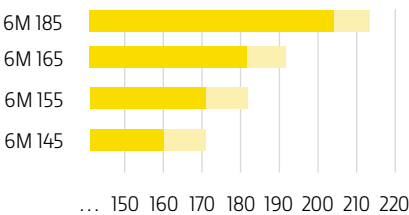
ENGINE PERFORMANCE



ENGINE PERFORMANCE



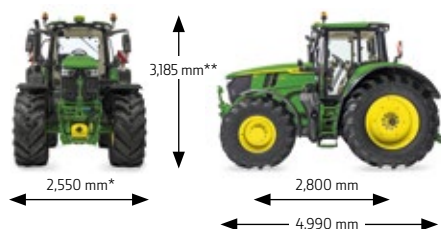
ENGINE PERFORMANCE



*** Shipping weight (measured with average specifications)



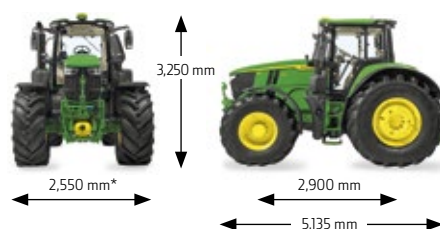
LARGE FRAME: THE POWER TO PERFORM



* With 600/65R28 front tyres and 710/70R38 rear tyres
** With Cab suspension

8,500 KG***

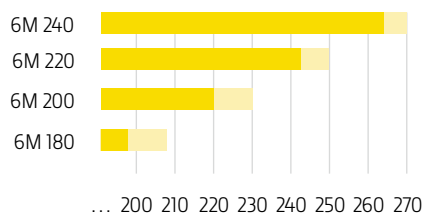
EXTRA-LARGE FRAME: HEAVY-DUTY PERFORMERS



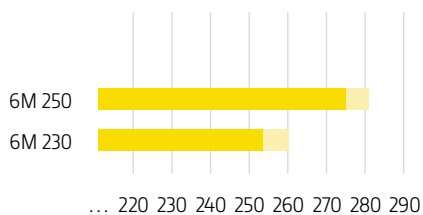
* With 600/70R30 front tyres and 710/70R42 rear tyres

9,300 KG***

ENGINE PERFORMANCE



ENGINE PERFORMANCE



■ Max. power (ECE-R120), hp
■ Max. power with IPM (ECE-R120), hp



6M SHORT FRAME TRACTORS

COMPACT BUILD, AGILE PERFORMANCE

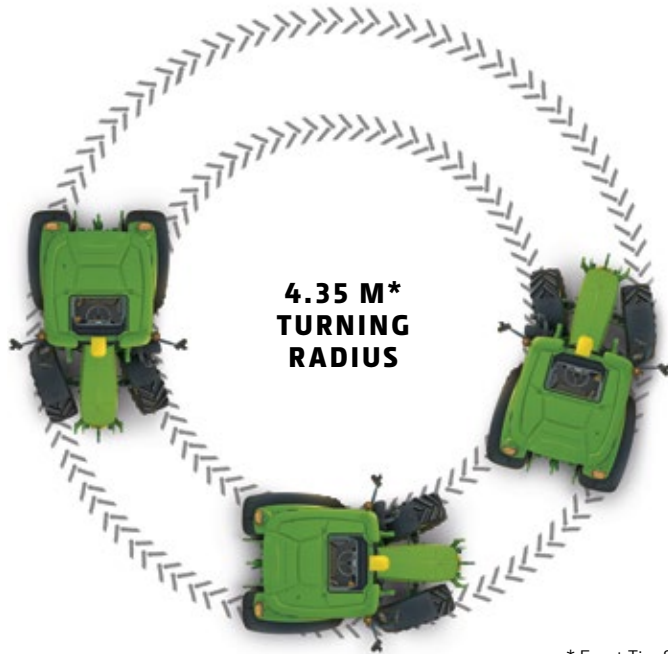
Their short wheelbase and compact build predestine these models for front loader work even in the tightest spaces. With a best-in-class payload of up to 4.7 tons, they also won't break a sweat with heavy implements. And with a top speed of 50 km/h, the 6M gets you to where you need to be fast.

ENGINES

	6M 95	6M 105	6M 115	6M 125
Cylinders	4	4	4	4
Displacement (l)	4.5	4.5	4.5	4.5
Max. power (ECE-R120), hp (kW)	105 (77)	116 (85)	122 (93)	138 (101)
Max. power with IPM (ECE-R120), hp (kW)	120 (88)	130 (96)	140 (103)	150 (110)

MOVE FASTER

You'll get things done faster by choosing one of our 50 km/h transmissions.



* Front Tire Size (420/70 R24)

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 super-robust category 3N rear hitch of the 6M small 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 just 6.5 m ahead.

6M SMALL FRAME TRACTORS

THE ALL-ROUNDERS

The power to pull more in the field and handle bigger implements, agile enough for loader work, and faster on the road – experience the versatility of this high-horsepower 4-cylinder compact tractor.



ENGINES

	6M 130	6M 140	6M 150
Cylinders	4	4	4
Displacement (l)	4.5	4.5	4.5
Max. power (ECE-R120), hp (kW)	143 (105)	154 (113)	165 (121)
Max. power with IPM (ECE-R120), hp (kW)	156 (115)	166 (122)	177 (130)



AT HOME ON THE ROAD

Powerful engines featuring an extra 20 hp boost in a lightweight, compact format make these tractors natural transport application performers.



A TRUE ALL-ROUNDER

The 4.5 L PSS engine delivers up to a very solid 177 hp Max with Intelligent Power Management, higher lift capacity, and up to 4 tons payload combined with larger 650/65 R 38 tyres for less compaction: The 6M 150 is ready for any job.

AGILE LOADERS

With a 2,580 mm wheelbase for top manoeuvrability, the rugged John Deere full frame design and powerful PFC hydraulics (optional), our small frame models boast excellent agility for efficient front loader performance.



6M MID FRAME TRACTORS

SOLID POWER

These models deliver a solid and comfortable ride in the field and on the road, with an ideal blend of agility, power and durability that makes them robust and reliable performers in heavier fieldwork.



ENGINES

	6M 145	6M 155	6M 165	6M 185
Cylinders	6	6	6	6
Displacement (l)	6.8	6.8	6.8	6.8
Max. power (ECE-R120), hp (kW)	160 (117)	171 (125)	182 (134)	204 (150)
Max. power with IPM (ECE-R120), hp (kW)	171 (126)	182 (134)	192 (141)	213 (157)



ALL MUSCLE

All 6M mid frame models come with our proven 6-cylinder, 6.8 l PowerTech™ PVS engine with plenty of power and torque reserves, making sure you are ready for anything.



CONVENIENT SCV CONTROL

Optionally, all 6M 145 up to 6M 185 models come with 3 electronic SCVs, controlled with ergonomic convenience from the compact CommandARM™ or the Right Hand Console. Not quite enough? You can take that up to 4 SCVs + 3 Mid SCVs 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 SCVs in addition to gear shifting and the PowerReverser™ – convenient and efficient one-handed control of essential tractor functions.

6M LARGE FRAME TRACTORS

THE POWER TO PERFORM

When your jobs are big, numerous and tough, these are your tractors. As an arable farmer, you will love their 2,800 mm wheelbase and oversized tyres that bring all power to the ground with maximum efficiency. Performance-oriented contractors also favour these tractors for their top on-road performance.



ENGINES

	6M 180	6M 200	6M 220	6M 240
Cylinders	6	6	6	6
Displacement (l)	6.8	6.8	6.8	6.8
Max. power (ECE-R120), hp (kW)	198 (146)	220 (162)	242 (178)	264 (194)
Max. power with IPM (ECE-R120), hp (kW)	208 (153)	229 (168)	249 (184)	270 (199)



**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 corner post display, the compact CommandARM™ with electronic SCV control and the G5^{Plus} Universal Display are the tools to enhance your comfort and keep your productivity high while ensuring you are equipped for future farming.



6M XTRA LARGE FRAME TRACTORS

HEAVY-DUTY PERFORMERS

With stellar on-road performance and a rock-solid, comfortable ride even in heavy-duty applications thanks to its 100 mm longer wheelbase and 2.05 m tyres, the 6M Xtra Large Frame models give you powerful and efficient versatility.

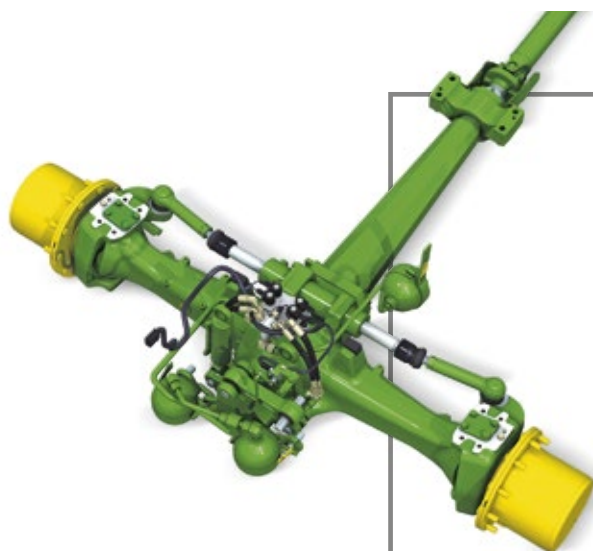


ENGINES

	6M 230	6M 250
Cylinders	6	6
Displacement (l)	6.8	6.8
Max. power (ECE-R120), hp (kW)	253 (186)	275 (202)
Max. power with IPM (ECE-R120), hp (kW)	260 (191)	281 (206)

TRUE POWER

With up to 195 l/min hydraulic pump and PTO options like the 540E/1000/1000E, 6M Xtra Large Frame models give you the powerful versatility to meet even the most challenging implement demands.



RIDE IN COMFORT

The optional TLS™ Plus is a fully integrated, self-leveling front suspension to increase both transport and field productivity with superior stability, ride, and comfort.





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 compact CommandARM™ is perfectly aligned with the 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 sweeping views of the panorama roof allow you to be more precise and quicker in all your front loader tasks.



COMFORT WITHOUT COMPLEXITY

CAB COMFORT

You're going to spend many hours in your 6M cab. So, we made it as comfortable, convenient and straightforward as possible. Get in, get going.



1 | CORNER POST DISPLAY

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



2 | 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.



3 | SIT WELL

No matter how long your day in the cab is, our seats feature adjustments and suspension characteristics to ensure you're comfortable and protected.

INTUITIVE CONTROL

CONTROLS

The combination of the Corner Post Display with either the right-hand console or the compact CommandARM™ provides an entirely intuitive interface to your 6M, with effortless fingertip control and easy monitoring of all tractor functions.



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.



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.



G5™ AND G5PLUS™ UNIVERSAL

The optional 10.1" G5™ Universal features a faster processor for shorter boot-up times, displays information in extra crisp high definition, and delivers seamless documentation. As our largest screen ever, the 12.8" G5PLUS™ Universal offers a lot more space to show a full overview of your machine and implement settings at a glance. It is available as an option for all 6M models.

CORNER POST DISPLAY

Located on 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.



Front axle suspension – auto mode and max mode conveniently integrated



Configure work light settings



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



ELECTRONIC JOYSTICK

Ergonomically positioned on the 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.





LIGHT UP THE NIGHT

VISIBILITY

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

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



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 (6M 95 – 6M 125)
Six front grill mounted halogen lights (6M 130 – 6M 250)
- 2 | Eight cab roof mounted halogen lights
- 3 | Two belt line mounted turn lights
- 5 | Two fender mounted brake and turn lights

OPTIONAL

- 6 | Footsteps lights on both sides
- 7 | Two belt line work lights (HB3 or LED)
- 8 | Two belt line road lights (H4)
- 9 | Single or dual beacon lights

SELECT+ LIGHT PACKAGE

- 1 | Four front grill mounted halogen lights (6M 95 – 6M 125)
Six front grill mounted halogen lights (6M 130 – 6M 250)
- 2 | Ten cab roof mounted halogen lights
- 3 | Two belt line mounted turn lights
- 5 | Two fender mounted brake and turn lights
- 6 | Footstep lights on both sides

OPTIONAL

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

PREMIUM LIGHT PACKAGE

- 1 | Four front grill mounted LED lights (6M 95 – 6M 125)
Six front grill mounted LED lights (6M 130 – 6M 250)
- 2 | Ten cab roof mounted LED lights
- 3 | Two belt line mounted turn lights
- 4 | LED Low Beam Lights
- 5 | Two fender mounted brake and turn lights
- 6 | Footsteps lights on both sides

OPTIONAL

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



IT'S ALL THERE

PRECISION AG ON DEMAND

More than just a tractor: With the optional StarFire™ Universal receiver, the optional G5™ or G5^{Plus} Universal Display, and the included JDLink™ connectivity, you can make sure your 6M has everything on board for your quick and effortless start into precision agriculture. Experience the convenience of seamless documentation and data management in the free-of-charge John Deere Operations Center™, and you are 100% equipped to step into the future of farming.

G5™ AND G5^{PLUS} UNIVERSAL

Information has never looked this beautiful. On their massive 10.1" or 12.8" touchscreen displays, the G5™ and G5^{Plus} Universal Displays include AutoTrac™, Section Control, allowing individual control of up to 255 sections, and Variable Rate Control.

You'll also benefit from full AEF ISOBUS compatibility, JDLink™ Connectivity, Documentation and Data Sync as standard features, along with the familiar, user-friendly interface of Generation 4 Displays, so you can immediately boost your performance without having to learn anything new.





**FULL AEF ISOBUS
COMPATIBILITY**

**SECTION CONTROL
(UP TO 255 SECTIONS)**

DATA SYNC

DOCUMENTATION

**1-CLICK-GO-
AUTOSSETUP**

**VARIABLE RATE
CONTROL**

AUTOTRAC™

**FREE-OF-CHARGE
OPERATIONS CENTER**

**JDLINK™
CONNECTIVITY**



STARFIRE™ UNIVERSAL RECEIVER

We've just made it easier and more attractive for you to work with more precision in everything you do. Thanks to the ability of StartFire™7500 Receiver to communicate with GPS, GLONASS, and the GALILEO and BEIDOU satellite constellations, you'll enjoy superior signal stability in shaded areas at any signal accuracy level. For an even faster start in the field, you can wirelessly share the guidance lines between your machines and manage them centrally in a powerful farm management tool: the John Deere Operations Center™.



**5 YEARS OF
REPEATABILITY**

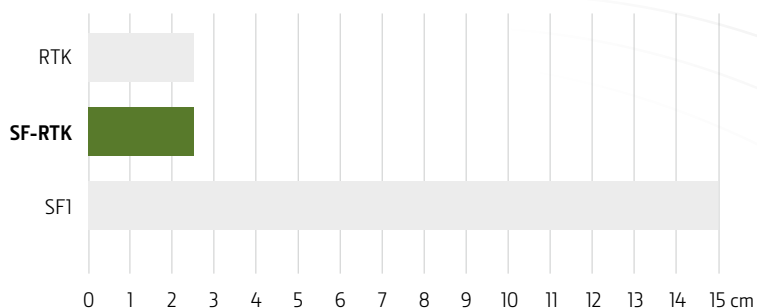
**73% FASTER
PULL-IN TIME***

**17% MORE ACCURACY
WITH SF-RTK***

* Compared to SF3 Signal

COST-EFFECTIVE STARFIRE™ RTK

You can also get the SF-RTK signal option with 1 or 3-year licence. This gives you an RTK accuracy of ± 2.5 cm with 5-year repeatability of guidance lines and boundaries for precision applications without having to invest in additional hardware.



JOHN DEERE OPERATIONS CENTER™ FREE OF CHARGE

The John Deere Operations Center™ is the central platform for connecting your machines, operators, and fields. Plan your work and send all job information directly to individual machines to eliminate in-field setup delays and mistakes. You can also create prescription maps with affiliated software partners and easily import data. In addition, dealer specialists are available to support you in enhancing your farming sustainability and profitability.



**GET JOHN DEERE
OPERATIONS CENTER™
NOW, FOR FREE**



Apple



Google Play



CUT SET-UP TIME BY UP TO 50%

1-CLICK-GO-AUTOSETUP

1-Click-Go-AutoSetup takes the stress out of everything you need to do. Conveniently schedule work tasks in the John Deere Operations Center™ and send them wirelessly to the tractor. Your pre-planned work tasks automatically appear on the G5™/G5^{plus} Universal Displays when the tractor with JDLink™ connectivity enters the field. All the operator has to do is confirm the details with one click, and the job is done the way you want it – seamlessly, no errors, no delays and always properly documented.

1-CLICK-GO[📶] AUTOSETUP

**SIGN UP FOR A FREE ACCOUNT AT
OPERATIONSCENTER.DEERE.COM**

Wirelessly send tasks to the tractor via JDLink™ connectivity to make sure the work gets done the way you want – no mistakes, no delays, and always properly documented.



Variable application maps from affiliated software companies.



**JOHN DEERE
OPERATIONS
CENTER™**

The free-of-charge John Deere Operations Center™ is the interface to your machines and fields.





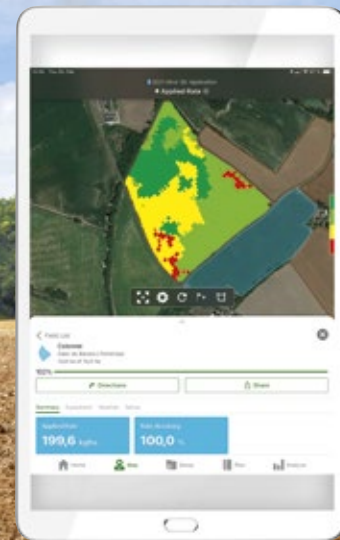
The 6M already has JDLink™ Connectivity in its basic configuration and optionally needs a StarFire™ Universal Receiver and a G5^{plus} Universal Display.

Site-specific application with Section Control for up to 255 sections on your implement.

BOOST YOUR YIELD

SITE-SPECIFIC FARMING

Put the right seed in the right place at the right depth for successful germination. Then apply exactly the right amount of care. John Deere Precision Ag Technology is your ticket to the benefits of site-specific farming.



SECTION CONTROL

Reduce overlap and minimise skips to ensure precise crop protectant and nutrient application with Section Control – for up to 255 sections on your implement.



VARIABLE RATE CONTROL

Optimise your profits with variable rate application. Increase fertiliser, seeding, and chemical efficiency while boosting yield and reducing costs. Standard with all G5™ Displays.



PLANT/SEED

In your business, every seed counts. With a 6M, you can customise seeding rates for different zones in the field based on a prescription map to boost yield and lower input costs.



NURTURE

Optimising your yields while managing fertiliser costs has never been easier. Use the 6M's Precision Ag capabilities like Variable Rate and Section Control to apply the right amount of fertiliser at the exact right spot in the field based on a prescription map.



SPRAY BETTER

Every drop goes where it matters most when you're on a 6M tractor with a John Deere Sprayer. Achieve the highest spraying accuracy on every pass, thanks to our unique PowrSpray™ and Individual Nozzle Control technology.



KNOW MORE, GROW MORE

Make better decisions based on better information from the John Deere Operations Center™: Powerful management tools let you monitor your machines' productivity and analyse your crops' performance. Supported by dealer specialists, you will improve your farming sustainability and profitability.

POWER WITHOUT LIMITS

ENGINES

Get all the power you need with less fuel and lower emissions from our PowerTech™ 4.5 l 4 cyl. or 6.8 l 6 cyl. engines. The 6 cyl. engines feature extended drain intervals of up to 750 hours.*

SOLID POWER

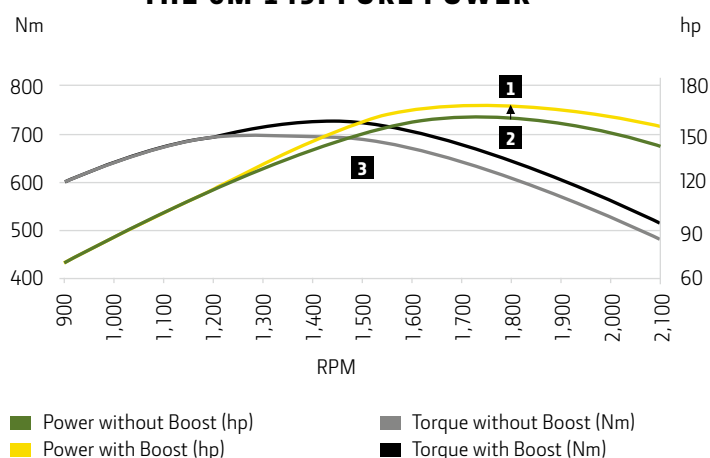
Compact goes beyond. Whatever the job, the 4.5 L EWS engine in the 6M 95 - 6M 125 models will deliver more than enough power thanks to 40% torque reserve and Intelligent Power Management.

The 2-stage turbocharging system in the 4.5 l PSS engine in the 6M 130 - 6M 150 boosts power to achieve up to 177 hp (max with IPM) in the 6M 150.



4.5 l PSS engine

THE 6M 145: PURE POWER



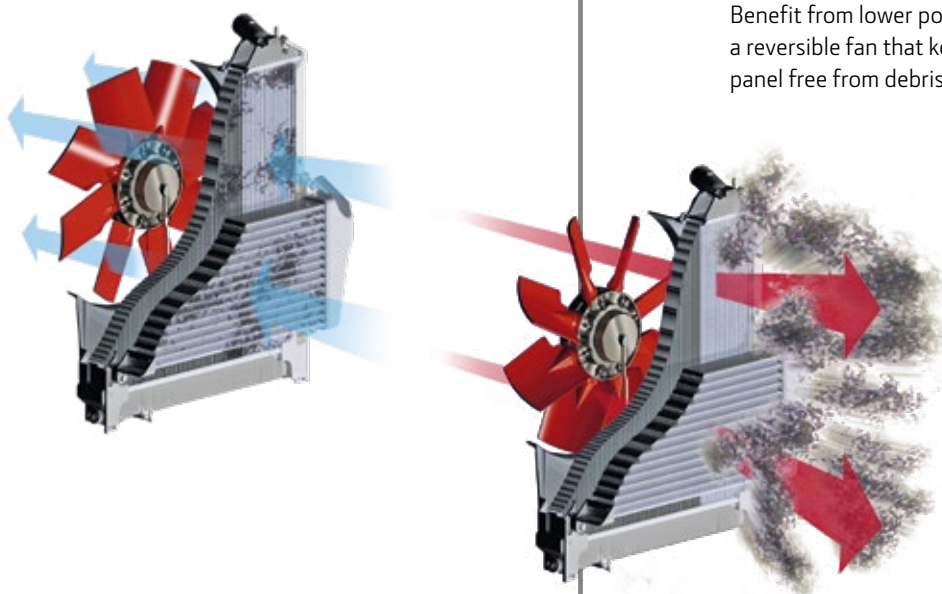
Intelligent Power Management (1) provides up to 20 additional hp for transport and PTO applications. Max. power (2) and max. torque (3) are achieved at 1,800 and 1,500 rpm respectively to ensure optimum response with low fuel consumption levels.

* for selected equipment with John Deere Stage V engines when using Plus-50™ II John Deere filters.



COOL EFFICIENCY

Benefit from lower power consumption with a reversible fan that keeps the hood intake panel free from debris.



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 6M 145 - 6M 220 models has a Variable Geometry Turbocharger that boosts performance and efficiency across the torque curve, while the PSS engine in the 6M 240, 6M 230 and 6M 250 uses a 2-stage turbocharging system in which the variable geometry turbocharger multiplies the pressure created by a fixed vane turbocharger.



6.8 l PSS engine



**LONG 750 H OIL
CHANGE INTERVAL***

YOU'RE IN FULL CONTROL

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 6M 95 - 6M 155 models a creeper option with speeds as low as 72 m/h at 1,000 rpm is available.

AUTOQUAD™ PLUS

Super convenient: **Speed Matching** will automatically select the right gear to match engine speed and ground speed for a smoother ride and less transmission wear, while the **declutch** function allows you to conveniently shift ranges without using the clutch pedal. Other available options include fuel and emission-saving **EcoShift** and a 50 km/h version if moving fast is high on your priority list.

**ECOSHIFT
AVAILABLE**



POWRQUAD™ PLUS

Two versions are available: 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 and push-button gear selection. SoftShift technology keeps the changes smooth, even under load.



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 AVAILABLE

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

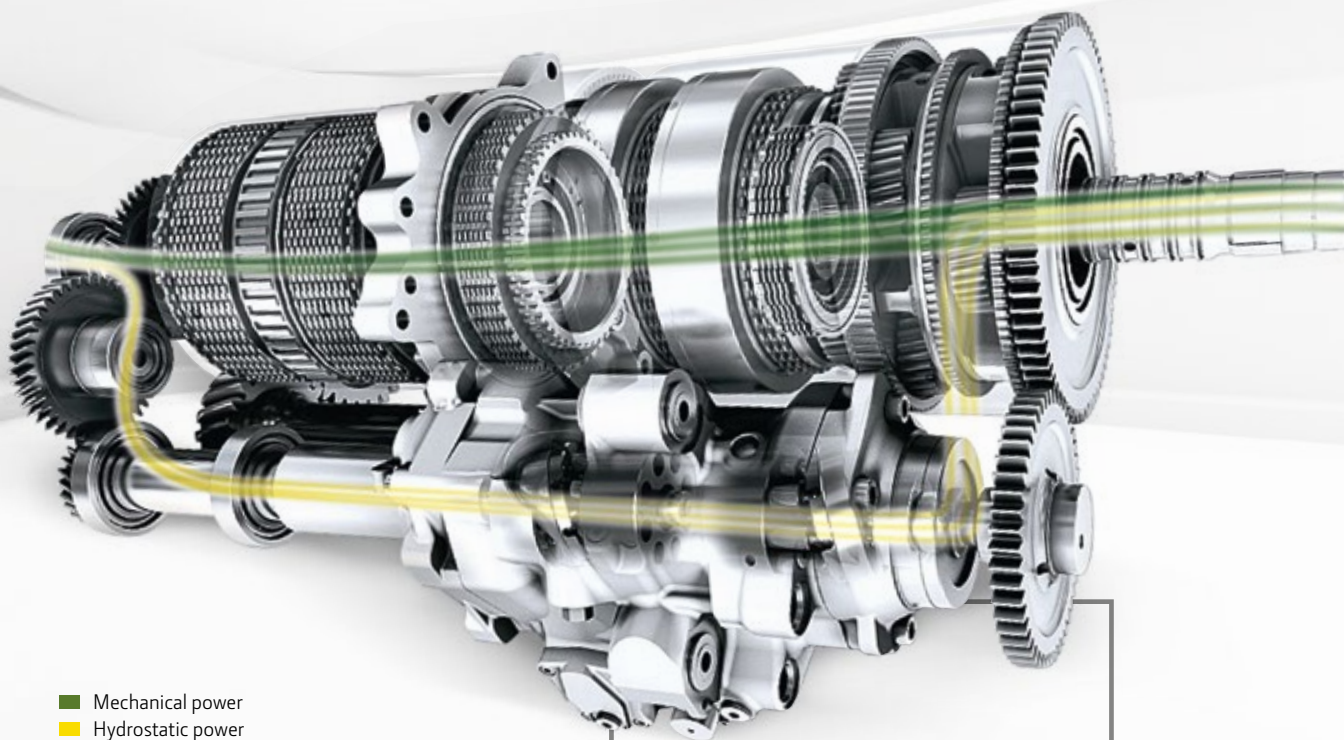
- 1 | Speed wheel
- 2 | Shift lever
- 3 | Automatic mode
- 4 | Manual mode
- 5 | Range selection



INFINITE SPEED ADJUSTMENT

AUTOPOWR™

AutoPowr™ is a hydro-mechanical transmission that delivers stepless and continuous power at speeds between 30 m/h and 50 km/h.



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

COMFORT

AutoPowr™ maintains the selected speed by automatically responding to changing load conditions.

FUEL ECONOMY

Once running at maximum road speed, engine rpm automatically drops to the minimum level required to maintain that speed – reducing noise and saving fuel. 50 km/h is maintained at 1,630 rpm, 40 km/h at 1,300 rpm.



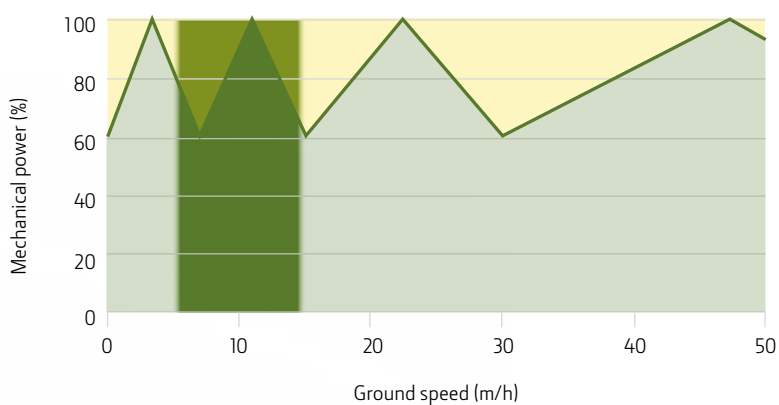
AutoPowr™ on the right-hand console with mechanical SCVs



AutoPowr™ on the right-hand console with electrical SCVs



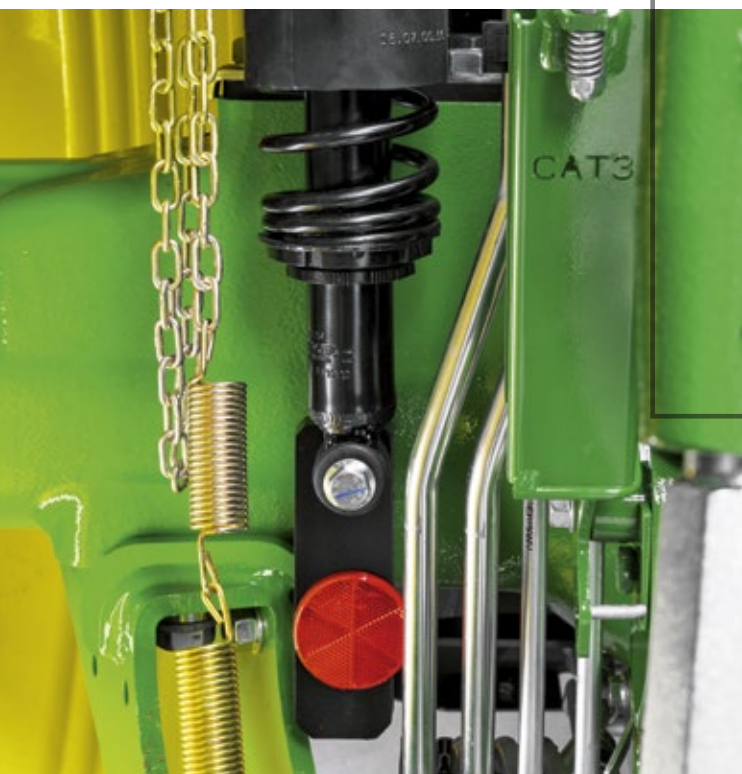
AutoPowr™ on the CommandARM™



EFFICIENCY

AutoPowr™ delivers 100% mechanical power at the following working speeds: 3.5 km/h (heavy draft), 11 km/h (light draft), 22.5 km/h (heavy transport) and 47.2 km/h (light transport). This results in superb transmission efficiency, close to that of mechanical transmissions. In fact, AutoPowr™ is always using more than 60% of the available mechanical power.

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

RIDE COMFORT

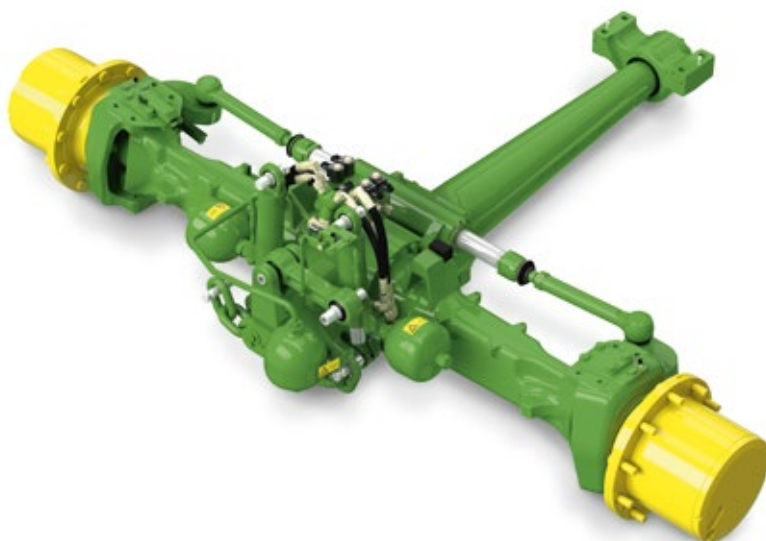
A long day in the cab is hard work. Shocks and vibration cause fatigue. Proper suspension alleviates these effects and helps keep operators alert.

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 minimize 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.

- 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

HITCH OPTIONS

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.



POWERFUL HITCH OPTIONS

To easily handle heavy implements, 6M tractors offer two different rear hitch options depending on your needs. 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 or even up to 9,900 kg for 6M 230 and 6M 250.

REAR PTO CHOICES

An independent 3-speed manually shifted rear PTO is standard on all 6M tractors. Choose between the 540/ 540E/1000 or the 540E/1000/1000E – now available as an option.



Automatic and mechanical wagon hitch with 38 mm ball-pin



Piton fix hitch



Ball-type hitch



Forced Steering System

AUTOMATIC WAGON HITCH

Makes attaching implements much more convenient compared to manual wagon hitches.

BALL-TYPE AND PITON FIX HITCHES

Addressing a wide range of requirements, these hitches provide optimum traction and driving dynamics for tractor/trailer combinations.

FORCED STEERING SYSTEM

For even higher versatility, our hitches can also be equipped with a forced steering system to operate large trailers with steering axles (attachment only).



BIG FRONT HITCH LIFT

There's more: Get up to 5,000 kg maximum lift capacity with our optional fully-integrated front hitch, or even order your 6M with a front PTO.

SMART MUSCLE ON TAP

HYDRAULICS AND PTO

There's plenty of power to go around with the open-center or pressure-and-flow-compensated hydraulic systems.

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 195 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 SCVs or 3 SCVs plus Power Beyond, and the Pressure-Free Return circuit valve, with hydraulic flow easily adjusted from the Corner Post Display.





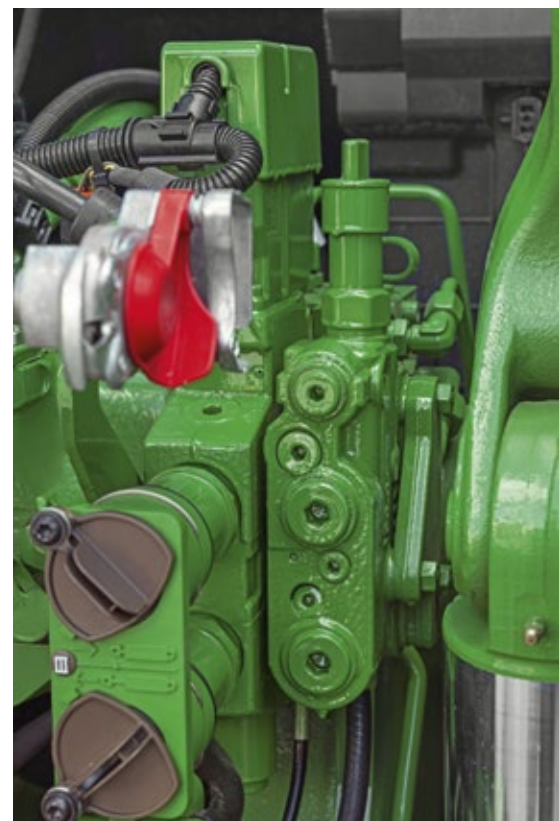
Adjustable Load Sensing: up to +24 bars for efficiently running implements that require high oil flow.

HYDRAULIC PUMPS

With pressure-and-flow-compensated (PFC) systems, the hydraulic pumps on the larger 6M models deliver up to 195 l/min of flow, while the pressure-compensated (PC) systems on the 6M 95 - 6M 140 tractors go up to 80 l/min.

	6M 95 – 6M 125	6M 130, 6M 140	6M 150	6M 145 – 6M 185	6M 180 – 6M 240	6M 230, 6M 250
PC 80 l/min	■	■	–	–	–	–
PFC 114 l/min	□	□	■	■	■	–
PFC 155 l/min	–	–	–	□	□	■
PFC 195 l/min	–	–	–	–	–	□

■ base □ optional – not available



ALL TERRAIN, EVERY APPLICATION

AXLES

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



FLANGE AXLES

Fixed or adjustable wheels:
Available for all 6M models, 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.



RACK-AND-PINION AXLES

Cast wheels and the rack-and-pinion design have a couple of advantages: The heavier design provides additional weight and makes 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.



79 mm x 2,286 mm

79 mm shaft – short version

Available for:
6M 95, 6M 105, 6M 115,
6M 125, 6M 130, 6M 140,
6M 150

In combination with the large frame models' long wheelbase, the 6M's bigger tyres reduce slippage for less compaction and help get power to the ground more efficiently.



79 mm x 2,550 mm
79 mm shaft

Available for:
6M 95, 6M 105, 6M 115,
6M 125, 6M 130, 6M 140,
6M 150



86 mm x 2,438 mm
86 mm shaft

Available for:
6M 95, 6M 105, 6M 115,
6M 125, 6M 130, 6M 140,
6M 150



92 mm x 2,550 mm
92 mm shaft

Available for:
6M 145, 6M 155, 6M 165,
6M 185, 6M 180, 6M 200,
6M 220, 6M 240



100 mm x 2,550 mm
100 mm shaft

Available for:
6M 180, 6M 200, 6M 220,
6M 240, 6M 230, 6M 250

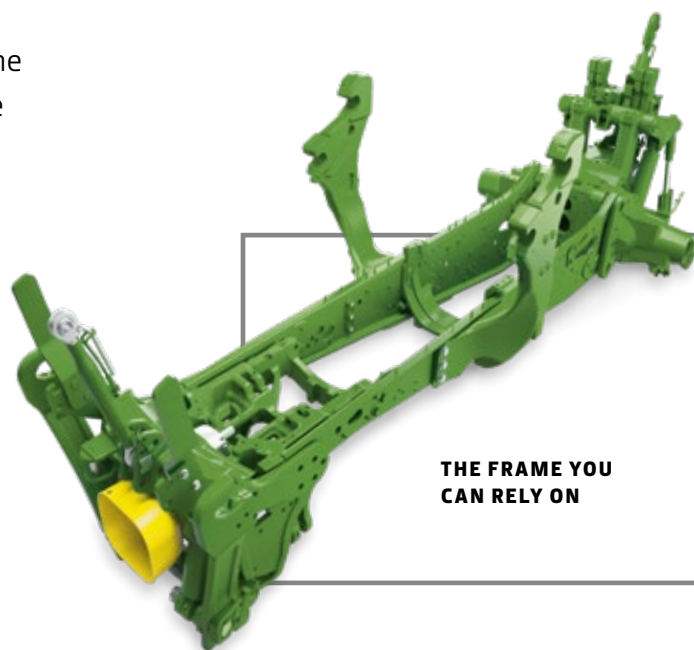
LIFT IT ALL

FRONT LOADERS

In designing the 6M, we focused intently on the demands of front loader tasks: 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 full frame and 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 RELY ON**



A FULLER VISION

Working in a 6M cab feels like blinders have been taken off of you: the panorama roof, the sweeping 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. Its advanced Pressure and Flow Compensated (PFC) hydraulic system can produce a flow of up to 114 l/min, which translates into more power and faster cycle times than you'd expect in this tractor class.



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



TIP FOR TONS

Buttons for gear shifting, reverser (both in orange), up to four hydraulic functions and suspension, are all embedded into the joystick. Both the classic mechanical and the electric joystick in perfect reach move heavy loads with a fingertip.



WHICH LOADER?












LOADER CHOICES

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			

TRACTOR/LOADER COMPATIBILITY

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

	603M /R	623M /R	643M /R	663R	683R
6M 95/ 6M 105/ 6M 115/ 6M 125	■	■	–	–	–
6M 130/ 6M 140/ 6M 150	–	■	■	–	–
6M 145/ 6M 155/ 6M 165/ 6M 185	–	–	■	■	–
6M 180/ 6M 200/ 6M 220/ 6M 240	–	–	–	■	■
6M 230/ 6M 250	–	–	–	–	■



M SERIES LOADERS

LIGHT AND VERSATILE

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



TIME SAVING

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



EASY MAINTENANCE

You can grease all bushings and replace the relevant ones, while hydraulic hoses are protected inside the boom, with easy access to all main hydraulic parts if needed.



A SMOOTHER RIDE

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



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.

R SERIES LOADERS

RAISE YOUR GAME

Designed for unrestrained productivity and peerless ease of use, these loaders master even the toughest conditions.

Easy to mount, quick to take off – it's the key to higher productivity. John Deere R Series front loaders have our automatic latch designs, making the installation of the loader and implements as easy as click and go and with various self-levelling options available. 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 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 automatically latched when it reaches the carrier frame.



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

OPTIONAL SOLUTIONS

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 you need when working with a front loader in darkness or poor visibility.



LOADER SUSPENSION

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

POWERGARD™

STATUS: PROTECTED



When you protect your equipment with a PowerGard™ Protection plan*, your business gains the steady machine uptime and nonstop peak performance it needs to thrive.

A PowerGard™ Protection plan* covers the components that put power to the ground. You can take that coverage even further with a PowerGard™ Protection Plus plan to add engine auxiliaries, electrical system, hydraulic system, and operator's station to the coverage.

**UP TO
6 YEARS / 6,000 HOURS¹**

100%

**REPAIR COST
CONTROL**

0%

**REPAIR COST
INFLATION**

HIGHER

RESALE VALUE

UPTIME

IN THE FIELD

*At participating dealers only. Requires a maintenance plan.

¹For all 6M tractors.

SAVE MORE WITH TOTAL LIFETIME CARE

MAINTENANCE MANAGEMENT

Combining PowerGard™ Protection with a Maintenance Plan gives you better cost control, protects you against unforeseen expenses, and increases your tractor's resale value.²

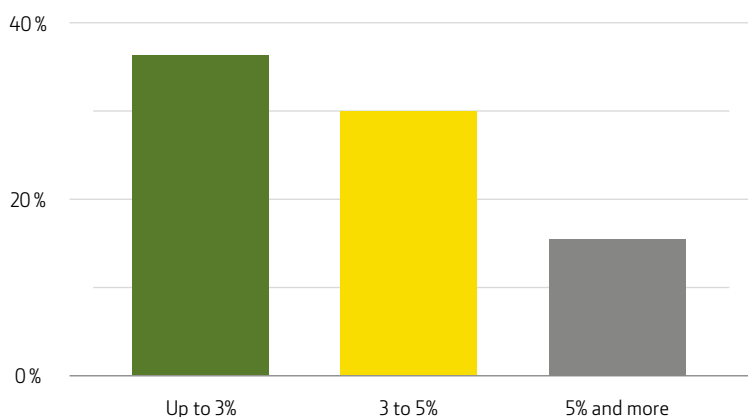
Gain efficiency with our digital maintenance management. Connect your machine with your preferred dealer service technicians, and they will automatically take care of your regular maintenance intervals.²

**FULL SERVICE
COST CONTROL**

**UP TO
5%**

**HIGHER RESIDUAL
VALUE ON AVERAGE**

USED TRACTOR RESALE VALUE ADVANTAGE



Research conducted by the WEIHENSTEPHAN-TRIESDORF University of Applied Sciences in spring 2022 shows that when buying a used tractor, customers are willing to pay up to 5% more, on average, for tractors that were properly serviced and maintained by a dealer.



² At participating dealers only.

SPECIFICATIONS

	SHORT FRAME 6M				SMALL FRAME 6M		
	6M 95	6M 105	6M 115	6M 125	6M 130	6M 140	6M 150
ENGINE PERFORMANCE							
MAX. POWER (ECE-R120), HP (KW)	105 (77)	116 (85)	126 (93)	138 (101)	143 (105)	154 (113)	165 (121)
MAX. POWER WITH IPM (ECE-R120), HP (KW)	120 (88)	130 (96)	140 (103)	150 (110)	156 (115)	166 (122)	177 (130)
Rated power (ECE-R120), hp (kW)	95 (70)	105 (77)	115 (85)	125 (92)	130 (96)	140 (103)	150 (110)
Rated power with IPM (ECE-R120) @ 2,100 rpm, hp (kW)	115 (85)	125 (92)	135 (99)	145 (107)	150 (110)	160 (118)	170 (125)
Constant power range, rpm	2,100-1,500	2,100-1,500	2,100-1,500	2,100-1,500	2,100-1,500	2,100-1,500	2,100-1,500
Torque reserve, % percentage	40						
Maximum torque, Nm (at 1,600 engine rpm) – without boost	445	492	538	585	609	656	702
Rated speed, rpm	2100						
Manufacturer	John Deere Power Systems						
Type	PowerTech™ EWS				PowerTech™ PSS		
Aftertreatment	Diesel Particle Filter (DPF) with 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		
Engine air filter	PowerCore® G2 air filter with pre-cleaning						
Aspiration	Single turbocharger with wastegate				Dual turbochargers, variable geometry turbo with fixed geometry turbo in series, with EGR		
Cylinders / Displacement	4 / 4.5 l						
Cooling system	Stacked ducted system with mechanical (bi-metal) visco clutch / electronically controlled visco clutch (with AutoPowr™)						Stacked ducted cooling system with electronically controlled visco clutch
Fuel injection system & control	Electronically controlled high pressure Common Rail System						
TRANSMISSIONS							
POWRQUAD™ PLUS							
20 / 20 2.5 - 40 km/h	–	–	–	–	–	–	–
24 / 24 1.4 - 40 km/h	■	■	■	■	■	■	–
AUTOQUAD™ PLUS							
20 / 20 2.5 - 30 km/h	–	–	–	–	–	–	–
20 / 20 2.5 - 40 km/h	–	–	–	–	–	–	–
24 / 24 1.4 - 40 km/h	■	■	■	■	■	■	–
20 / 20 2.7 - 50 km/h	–	–	–	–	–	–	–
24 / 24 1.8 - 50 km/h	■	■	■	■	■	■	–
AUTOQUAD™ PLUS ECOSHIFT							
20 / 20 2.5 - 40 km/h	–	–	–	–	–	–	–
24 / 24 1.4 - 40 km/h	■	■	■	■	■	■	–
COMMANDQUAD™ PLUS							
20 / 20 2.5 - 40 km/h	–	–	–	–	–	–	–
24 / 24 1.4 - 40 km/h	■	■	■	■	■	■	–
24 / 24 1.4 - 50 km/h	■	■	■	■	■	■	–
COMMANDQUAD™ PLUS ECOSHIFT							
20 / 20 2.5 - 40 km/h	–	–	–	–	–	–	–
24 / 24 1.4 - 40 km/h	■	■	■	■	■	■	–
Creeper (PowrQuad™ Plus, AutoQuad™ Plus and AutoQuad™ Plus EcoShift)	■	■	■	■	■	■	–
AUTOPOWR™							
0.03 - 30 km/h	–	–	–	–	–	–	–
0.03 - 40 km/h	■	■	■	■	■	■	■
0.03 - 50 km/h	■	■	■	■	■	■	■

MID FRAME 6M					LARGE FRAME 6M				EXTRA LARGE FRAME 6M	
6M 145	6M 155	6M 165	6M 185	6MH 155	6M 180	6M 200	6M 220	6M 240	6M 230	6M 250
160 (117)	171 (125)	182 (134)	204 (150)	171 (125)	198 (146)	220 (162)	242 (178)	264 (194)	253 (186)	275 (202)
171 (126)	182 (134)	192 (141)	213 (157)	182 (134)	208 (153)	229 (168)	249 (184)	270 (199)	260 (191)	281 (206)
145 (107)	155 (114)	165 (121)	185 (136)	155 (114)	180 (132)	200 (147)	220 (162)	240 (177)	230 (169)	250 (184)
165 (121)	175 (129)	185 (136)	205 (151)	175 (129)	200 (147)	220 (162)	240 (177)	260 (191)	250 (184)	270 (199)
2,100-1,500	2,100-1,500	2,100-1,500	2,100-1,501	2,100-1,501	2,100-1,501	2,100-1,502	2,100-1,503	2,100-1,504	2,100-1,504	2,100-1,505
40										
679	726	773	866	726	843	936	1025	1124	1077	1171
2100										
John Deere Power Systems										
PowerTech™ PVS								PowerTech™ PSS		
Lifetime Diesel Particle Filter (DPF), Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) using DEF										
PowerCore® G2 air filter with pre-cleaning									Dry-filter type air filter with pre-cleaning	
Variable geometry turbo charger and cooled exhaust gas recirculation (EGR)								Dual turbochargers, variable geometry turbo with fixed geometry turbo in series, with EGR		
6 / 6.8 l										
Stacked ducted cooling system with mechanical (bi-metal) visco clutch			Distributed cooling system with mechanical (bi-metal) visco clutch	Stacked ducted cooling system with mechanical (bi-metal) visco clutch		Distributed cooling system with mechanical (bi-metal) visco clutch			Distributed cooling system with electronically controlled visco clutch	
Electronically controlled high pressure Common Rail System										

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SPECIFICATIONS

		SHORT FRAME 6M				SMALL FRAME 6M		
		6M 95	6M 105	6M 115	6M 125	6M 130	6M 140	6M 150
AXLES								
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						
STEERING								
Type		Dynamic load sensing, hydrostatic, flow metering						
HYDRAULIC SYSTEM								
Type		Pressure Compensated (PC) / Pressure & Flow Compensated (PFC) system with load sensing function						
Flow at rated engine speed base / option, l/min		80 / 114					114	
Selective control valves		Up to 4 rear + 3mid						
Power beyond		Optional						
Oil take out capacity, l		15						
Oil take out capacity with additional oil reservoir, l		32						
3-POINT HITCH – REAR								
Type		Electronic lower link sensing; load & depth control, infinite mix, float						
Category		II/III/IIIN						
Maximum lift capacity at hooks, kg (base/option)		4.350 / 5.650				5.650 / 6.400		
Lift capacity through full lift range (OECD 610 mm), kg (base/option)		2.750 / 3.600				3.600 / 4.100		
3-POINT HITCH – FRONT, OPTIONAL								
Type		Front hitch controlled by 1st rear SCV						
Category		IIIN						
Maximum lift capacity at hooks, kg		4400						
Lift capacity through full lift range (OECD at the hooks), kg		3300						
REAR PTO								
Type		Electro-hydraulically engaged, oil cooled, multi-disc design						
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						
Engine rpm at rated PTO speeds with 540E/1,000/1000E option		–				1.572 / 1.977 / 1.663		
FRONT PTO, OPTIONAL								
Type		Electro-hydraulically engaged, oil cooled, multi-disc design						
Engine speed at rated PTO speed (1,000), rpm		1969						
CAB								
Specifications		Category 2 Cab (EN 15695-1:2009) with 2 B-post doors, telescoping and tiltable steering column						
Suspension (option)		Mechanical cab suspension (MCS)						
Noise level at operator’s ear, dB(A)		70						
Cab glass area, m²		4,85						
Display		Corner post display located at A-post						
MISCELLANEOUS								
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						

SPECIFICATIONS

SHORT FRAME 6M				SMALL FRAME 6M		
6M 95	6M 105	6M 115	6M 125	6M 130	6M 140	6M 150
CAPACITIES						
Fuel Tank (base/option), l	175 / 200			205 / 225		
DEF tank, l	19			14		
Engine coolant, l	20			22		
DIMENSIONS AND WEIGHTS						
Wheelbase, mm	2.400			2.560		
Width x Height x Length, mm (maximum)	2,460 x 2,800 / 2,850* x 4,339 [650 / 60R38 (SRI 825)]			2,460 x 2,890 x 4,509 [650 / 60R38 (SRI 825)]		
Width x Height x Length, mm (minimum) ¹	2,250 x 2,675 / 2,725* x 4,339 [420 / 85R30 (SRI 700)]			–		
Ground clearance, mm (min. / max.) ²	364 / 500			490	530	
Shipping weight, kg ³	5,900			6,200		
Maximum permissible gross weight, kg	10,450					
TYRE SIZES						
Front tyre sizes, max. available (SRI)	520 / 60R28 (SRI 650)					
Rear tyre sizes, max. available (SRI)	650 / 60R38 (SRI 825)					



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LOADER SPECIFICATIONS

SHORT FRAME 6M				6M 95/ 6M 105/ 6M 115/ 6M 125		
LOADER MODEL				603M		
LEVELING SYSTEM				MSL		
Front tire				540/65R24		
Rear tire				600/65R38		
LOADER						
Bucket				1,850 Standard		
Bucket Weight				lb / kg	475	216
Lift capacity @ full height		Measured @ 800 mm ahead of pivot	(V)	lb / kg	3,754	1,703
Maximum lift height			(A)	in / mm	155	3,937
Reach		@ Maximum height	(D)	in / mm	32	813
Cycle times		Loader raise		sec	4	

¹ 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.

² Measured at center of front axle, using max. front and max. rear tyre sizes.

³ Measured with average specifications.

* Without cab suspension/ with cab suspension

MID FRAME 6M					LARGE FRAME 6M				EXTRA LARGE FRAME 6M	
6M 145	6M 155	6M 165	6M 185	6MH 155	6M 180	6M 200	6M 220	6M 240	6M 230	6M 250
285 / 330					325 / 425				410 / 470	
16					20				25	
27					28				34	
2,765					2,800				2,900	
2,550 x 2,980 x 4,875 [710 / 60R38 (SRI 875)]			2,550 x 3,300 x 4,875 [320/90R50 (SRI900)]		2,750 x 3,160 x 4,973 [800 / 70R38 (SRI 975)]				2,750 x 3,250 x 5,135 [800 / 70R38 (SRI 975)]	
-					-				-	
535				760	570				595	
7,800				7,900	8,500				9,300	
12,400				10,300	13,450				15,000	
600 / 60R28 (SRI 675)				320/90R50 (SRI900)	600 / 70R28 (SRI 725)				600 / 70R30 (SRI 750)	
710 / 60R38 (SRI 875)					800 / 70R38 (SRI 975)					

NEED MORE DETAILS?

Visit the Frontloader section of the John Deere website.

6M 95/ 6M 105/ 6M 115/ 6M 125									
623M		603R				623R			
MSL		NSL		MSL		NSL		MSL	
540/65R24		480/70R24							
600/65R38		520/70R38							
2,200 Standard		1,850 Standard				2,200 Heavy Duty			
538	244	520	236	520	236	683	310	683	310
3,902	1,770	3,363	1,524	4,350	1,971	3,826	1,734	4,749	2,152
162	4,121	153	3,899	153	3,900	160	4,090	160	4,090
30	751	37	944	37	944	32	831	32	831
6.6		3.1		4.1		3.4		3.4	

SPECIFICATIONS

SMALL FRAME 6M				6M 130/ 6M 140/ 6M 150			
LOADER MODEL				623M			
LEVELING SYSTEM				MSL			
Front tire				540/65R24			
Rear tire				600/65R38			
LOADER							
Bucket				2,200 Standard			
Bucket Weight			lb / kg	538	244		
Lift capacity @ full height	Measured @ 800 mm ahead of pivot	(V)	lb / kg	3,891	1,765		
Maximum lift height		(A)	in / mm	162	4,120		
Reach	@ Maximum height	(D)	in / mm	30	752		
Cycle times	Loader raise		sec	6.6			

MID FRAME 6M				6M 145/ 6M 155/ 6M 165/ 6M 185			
LOADER MODEL				643M			
LEVELING SYSTEM				MSL			
Front tire				480/70R28			
Rear tire				580/70R38			
LOADER							
Bucket				2,200 Standard			
Bucket Weight			lb / kg	538	244		
Lift capacity @ full height	Measured @ 800 mm ahead of pivot	(V)	lb / kg	4,134	1,875		
Maximum lift height		(A)	in / mm	169	4,300		
Reach	@ Maximum height	(D)	in / mm	25	638		
Cycle times	Loader raise		sec	4.7			

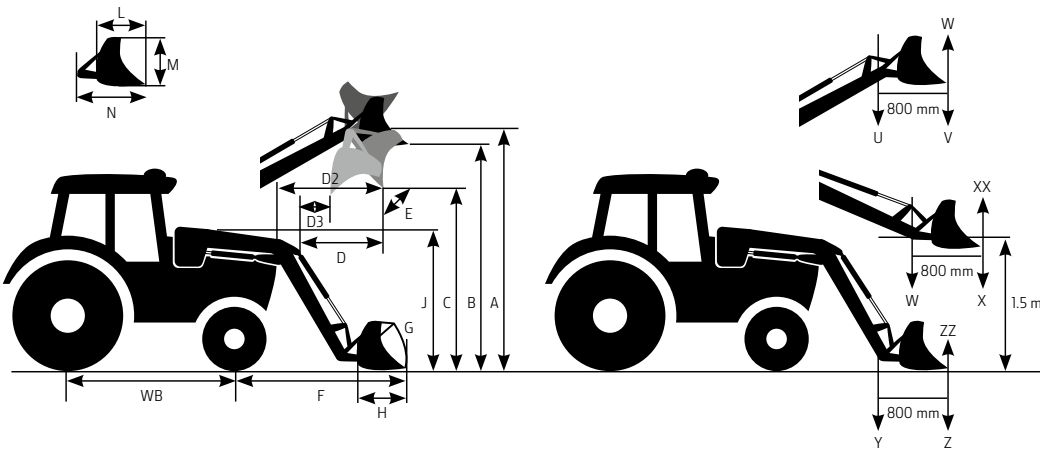
LARGE FRAME 6M				6M 180/ 6M 200/ 6M 220/ 6M 240					
LOADER MODEL				663R				683R	
LEVELING SYSTEM				NSL		MSL		MSL	
Front tire				600/65R28					
Rear tire				710/70R38					
LOADER									
Bucket				2,450 Heavy Duty					
Bucket Weight			lb / kg	783	356	783	356	783	356
Lift capacity @ full height	Measured @ 800 mm ahead of pivot	(V)	lb / kg	4,094	1,857	5,185	2,352	5,525	2,506
Maximum lift height		(A)	in / mm	178	4,520	178	4,520	176	4,480
Reach	@ Maximum height	(D)	in / mm	40	1,004	40	1,004	53	1,335
Cycle times	Loader raise		sec	4.0		3.9		4.2	

EXTRA LARGE FRAME 6M				6M 230/ 6M 250			
LOADER MODEL				683R			
LEVELING SYSTEM				MSL			
Front tire				600/65R28			
Rear tire				710/70R38			
LOADER							
Bucket				2,450 Heavy Duty			
Bucket Weight			lb / kg	356			
Lift capacity @ full height	Measured @ 800 mm ahead of pivot	(V)	lb / kg	2,538			
Maximum lift height		(A)	in / mm	4,520			
Reach	@ Maximum height	(D)	in / mm	1,215			
Cycle times	Loader raise		sec	4.2			

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

6M 130/ 6M 140/ 6M 150									
643M		623R				643R			
MSL		NSL		MSL		NSL		MSL	
540/65R24		480/70R24							
600/65R38		520/70R38							
2,200 Standard		1,850 Standard				2,200 Heavy Duty			
538	244	520	236	520	236	683	310	683	310
4,228	1,918	3,874	1,757	5,009	2,272	3,902	1,770	5,137	2,330
164	4,159	162	4,124	162	4,124	163	4,151	163	4,151
36	920	30	759	30	759	39	982	39	982
4.5		3.4		3.4		3.5		3.3	

6M 145/ 6M 155/ 6M 165/ 6M 185							
643R				663R			
NSL		MSL		NSL		MSL	
480/70R28				540/65R28			
580/70R38				650/65R38			
Heavy Duty 2,150 mm				Heavy Duty 2,450 mm			
683	310	683	310	785	356	785	356
4,006	1,817	5,024	2,279	4,065	1,844	5,130	2,327
169	4,300	169	4,300	177	4,495	177	4,495
33	841	33	841	40	1,026	40	1,026
3.7		3.5		4.0		3.9	



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