

SERIES 6.



6160.4 - 6170.4

6160 - 6170 - 6180 - 6190 - 6210 - 6230

POWERSHIFT - RCSHIFT

STAGE 3A / STAGE 5



SERIES 6 POWERSHIFT / RCSHIFT

Ultimate configurability.

A vast selection of configuration options to suit the widest ranging needs, that was the concept DEUTZ-FAHR adopted when developing the new Series 6 POWERSHIFT / RCSHIFT. Two extremely manoeuvrable models with a short wheelbase and a 4-cylinder engine, four all-rounder models with medium

wheelbase and 6-cylinder engine and two high-power models with a large wheelbase and 6-cylinder engine, all pairable with 2 different types of transmission, not to mention a wide range of options, allow the operator to fashion the perfect machine over a 161 to 230 hp range.



Small wheelbase
6160.4 - 6170.4



Medium wheelbase
6160 - 6170* - 6180 - 6190*

8 MODELS, 6 DIFFERENT POWER OUTPUTS AND 3 DIFFERENT WHEELBASES.

Series 6 offer the best technology mix to face any task.

FT.

Lowest operating costs.

The new Series 6 ensures that every task can be completed with the greatest efficiency possible, in order to achieve maximum output with minimum input. This is possible thanks to features like engines whose consumption levels are among the lowest in the category, engine oil replacement interval extended to 1000 hours, a long life PowerCore air filter and the presence, as standard, of PTO 540, 540 ECO, 1000, 1000 ECO operating modes.

The tractor for your business.

The new Series 6 was specifically designed to offer excellent performance in any situation, from the most challenging tillage operations to transport to the use of the highest capacity seeders or fertilizer spreaders. A series of superior technical features, including adjustable PowerShuttle, iMonitor and ISOBUS, not to mention the great manoeuvrability afforded by its compact size, and a perfect power to weight ratio make the new Series 6 the perfect machine for any task.



Large wheelbase
6210 - 6230*

*Available in Stage 3A variant

Series 6 was created to offer cutting-edge technology for the agriculture of the future. An extremely modern design, highly efficient transmissions and vast range of integrated SDF Smart Farming Solutions, available as options, are the perfect match for the models in the new Series 6 family. Additional strengths that elevate the new Series 6 by DEUTZ-FAHR to the top of the category include the Deutz Stage 3a / V engines, with very low consumption

and reduced maintenance requirements; the highly configurable hydraulic systems; the 50 km/h versions, the availability of front axles with suspensions and true 4-wheel braking; the very high capacity front and rear lifts, maximum admissible weights ranging from 11500 to 13500 kg (at 50 km/h); and the extremely comfortable MaxiVision cabs.

MADE IN GERM

A wide-angle photograph of a modern tractor assembly plant. In the foreground, a worker in a black jacket with green accents is kneeling on the floor, working on a green tractor chassis. The tractor is partially assembled, showing the engine, transmission, and front end. The background shows a long, well-lit factory aisle with other tractor units on the assembly line. The ceiling is high with industrial lighting and structural beams.

A PRODUCTION PLANT FOR THE TRACTORS OF THE FUTURE.

DEUTZ-FAHR LAND (Lauingen), the most modern tractor plant in Europe.

DEUTZ-FAHR LAND. This is the name of Europe's most modern tractor factory, inaugurated in Lauingen in 2017. Alongside the brand's other tractors, with outputs from 120 to 340 hp and destined for markets all over the world, this is also where the new family members of Series 6 are built. A tractor conceived to offer the best possible answer for the challenges of modern agriculture and to take even the most difficult and diverse working conditions in its stride without compromise.

The models of Series 6 set out with the clear intent to be the undisputed leaders in their class, offering unprecedented levels of productivity and reliability. Equipped with high-quality components, innovative mechatronics and the love for details, the new Series 6 tractors are exceptionally efficient both in the field and on the road.

ANY.



↑ The DEUTZ-FAHR LAND and DEUTZ-FAHR ARENA in Lauingen, Germany.



↑ We set new standards in production quality.

DEUTZ-FAHR SERVICE.

Not just close, but also fast.

- Original spare parts in premium quality
- Fast and efficient spare parts service
- On-time deliveries – worldwide
- Varied product range
- Excellent price-performance ratio
- Remote support for fastest service



TOTAL EFFICIENT



CY.



Low diesel consumption, very high transmission efficiency of Powershift and RCshift versions, reliability of a Tractor “Made in Germany” and increased fuel tank sizes ensure that even the longest work days can be faced with the new 6 series with complete peace of mind.

ENGINE.

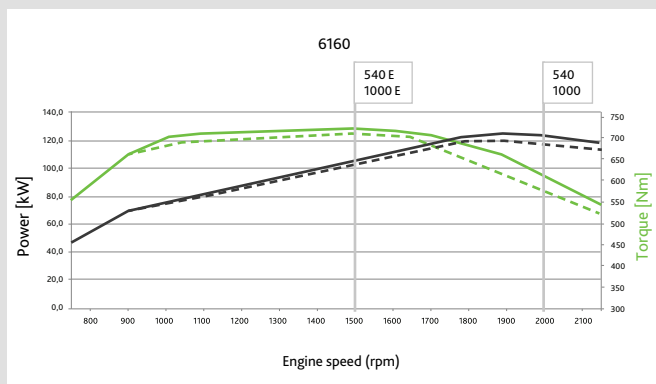
Minimal maintenance and top performance.

The new Series 6 is powered by updated 4 and 6-cylinder Deutz engines with 1600 bar electronically controlled common rail injection, turbocharger with wastegate valve and air-to-air intercooler. These formidable packages are able to deliver a maximum torque ranging from 685 Nm on the 6160.4 to 891 Nm on the 6230. The revamped Deutz Stage V engines guarantee increased performance even at lower rpm, with tangible improvements in both torque curve and flexibility, for even smoother and more effective operation. In addition, with almost all the maximum torque available at just 1000 rpm, these tractors can tackle most tasks at low engine speeds, thereby ensuring significant fuel savings. The use of cutting-edge manufacturing techniques has enabled the production of engines characterised by extremely precise manufacturing tolerances. This equates to a significant reduction in internal friction, which not only improves efficiency and performance but also allows for longer service intervals. As a result, the engine oil change

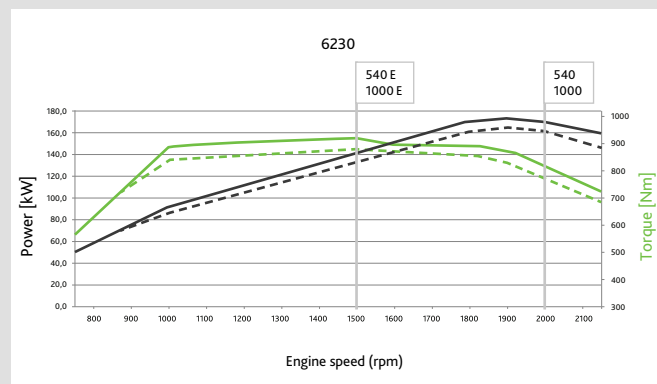
interval for the new Series 6 tractors has been extended to 1000 operating hours (or 2 years). Reducing emissions was also a top priority in the development of these engines. To ensure compliance with severe Stage V standards, both the engine and the exhaust aftertreatment (EAT) have been optimised to guarantee even lower consumption and operating costs. Thanks to a DOC catalytic converter (exempt from maintenance), a passive particulate filter (which offers more rapid regeneration compared to traditional filters - without the need of extra diesel injection), and a cutting-edge SCR system, the consumption of diesel and AdBlue is reduced to a minimum.

Exclusively for the Australasian market, Deutz-Fahr have taken the latest Stage V DeutzAG engine and rehomologated this to be in line with Stage 3A emission standards. The result - all the advantages and technology of one of the most modern, high tech engines but without the hassle of AdBlue or a DPF.

* 6170 / 6190 /6230 only



High performance engine curve of 6160.



High performance engine curve of 6230.



Aluminium cooling system of 6160.4 - 6190 with one-hand access lever and Powercore air filter with cyclone pre-cleaning system.



Aluminium cooling system of 6210 and 6230 with one-hand access lever and Powercore air filter with optional cyclone pre-cleaning system.



Highlights

- 4 and 6-cylinder Deutz Stage 3a / V engines
- PTO and Transport Boost on 6160.4, 6160, 6180 and 6230
- Exhaust Engine Brake for all 6 cylinder models
- Engine oil intervals extended to 1000 hours (or 2 years)



↑ Ergonomic engine brake activation via foot pedal.



↑ Cyclone pre-cleaning system for maximum service life of the engine airfilter.



Highlights

- 6 Powershift stages, perfectly spaced in 5 ranges
- SpeedMatching, SenseShift and ComfortClutch as standard
- Automatic Powershift (APS) for greater comfort available
- PowerShuttle with 5 adjustable settings as standard
- Creeper option with speeds as low as 175 m/h at 1,000 rpm available
- Maximum speed of 40 km/h or 50 km/h at ECO engine speeds

POWERSHIFT TRANSMISSION.

Pure driving experience.

The proven Powershift version of the new series 6 stands for superior ease of operation and convenience with highest efficiency. It includes a gearbox with 6 powershift stages that are perfectly spaced in 5 ranges, providing the operator with 30 speeds when moving forward and 15 in reverse.

The SpeedMatching feature comes as standard and selects automatically the powershift stage when shifting between ranges. The transmission also includes the ComfortClutch function, allowing the operator to shift the ranges by simply pressing a button on the gear knob instead of using the clutch pedal. Thanks to the Automatic Powershift (APS) function the driving comfort is further increased: The function aids the driver and switches

automatically the powershift stages inside the ranges, depending on the engine load.

The PowerShuttle has 5 user-selectable responsiveness levels which allowing the operator to adjust the behaviour depending on the work, for complete safety even when working on a gradient and under load and to improve significantly the productivity in tasks such as working with a front loader. The maximum speed (40 or 50 km/h) can be attained while maintaining a low engine speed, contributing to fuel savings during transportation and travel on the road.



↑ Ergonomic gear lever with ComfortClutch, APS and Powershift buttons.



↑ Ergonomic PowerShuttle lever with SenseClutch adjustment dial.



30+15 gears
(54+27 with creeper)



↑ Easy and intuitive – with the Eco/Power adjustment knob the operator can change the APS (Automatic PowerShift) shifting behaviour.



RCSHIFT TRANSMISSION.

Robotized driving.

If you are looking for that extra level of comfort the RCshift transmission will satisfy you. The gearbox with its 6 powershift stages and 5 robotised ranges offer the full productivity, efficiency and functionality of the Powershift transmission with enhanced comfort. It allows smooth range shifts, from the lowest to the highest, by simply pushing or pulling the MaxCom lever. It offers also an additional automatic function, for shifting automatically not only the powershift stages but also the ranges. And, thanks to the Stop&Go function, the transmission can also be stopped and started without using the clutch.

For supreme comfort the RCshift transmission offers three driving modes:

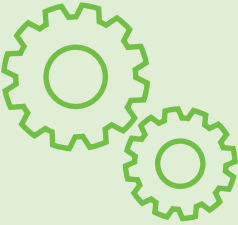
- Manual: The operator is in complete control over the whole transmission, changing powershift stages and ranges manually, by simply pushing and pulling the MaxCom lever.
- Semi-Auto: The operator is taking advantage from the Automatic PowerShift (APS) function, to maximise productivity in the field.
- Auto: Ideal for transport application as it combines automatic shifting -of powershift stages and ranges- with fuel savings at a high level of comfort. The advanced control automatically selects the perfect ratio to suit the engine load at the prevailing conditions.

The RCshift transmission provides 54 speeds when moving forward and 27 in reverse, including the creeper gears. Besides providing 10 speeds between 4 and 14 km/h for the most common field tasks, the RCshift transmission also allows the tractor to attain a speed of 50 km/h, keeping the engine at just 1447 rpm, or 40 km/h at just 1158 rpm (engine rpm vary slightly depending on tyres and model), to help the operator minimise consumption and wear at all times.



Highlights

- Auto mode and cruise control for maximum comfort and efficiency during transport.
- Stop&Go function, allowing to stop the tractor without pressing the clutch.
- UltraEco speeds as standard: 40 kph at only 1158 rpm and 50 kph at only 1447 rpm (depending on the model/equipment).
- Creeper speeds as standard.



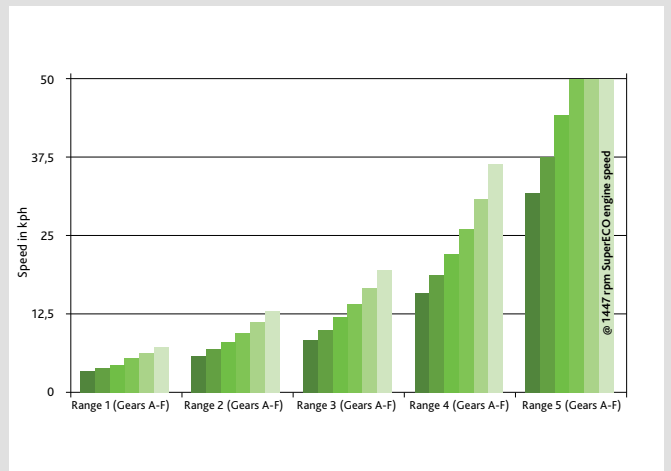
54+27 gears
(creeper in standard)



Simple and intuitive transmission management through the practical and ergonomic MaxCom joystick.



Ideal with front loader: On MaxiVision* cross lever includes a programmable jolly thumbwheel, for direction change or power shift actuation.



RCshift speeds: exceptional overlap of the different ranges and 50 kph superECO for maximum fuel efficiency (engine rpm with maximum tires size).

TOTAL

No one offers more in terms of configurability. Engines with 4 or 6 cylinders, three different wheelbases, two transmission variants, three types of hydraulic systems and a myriad of solutions available to create the perfect machine for each operator.



CONFIGURABILITY.



HYDRAULIC SYSTEM.

Completely modular.

The modular concept used to develop the hydraulic system for the new Series 6 allows a vast number of variations on a theme, so that the system can be configured for each specific need: starting with an open centre system and a 84 l/min pump, an optional Load Sensing system with a 120 l/min pump or even a 160 l/min pump can be installed.

All versions are equipped with a supplementary independent pump dedicated to the hydraulic steering system, to ensure smooth, precise steering action even at low engine speeds and when using the lifts or while working with the front loader. In addition, with the Performance Steering option, an additional pump is added to increase and optimise the performance of steering manoeuvres or when using SDF Guidance automatic driving system.

The new Series 6 also provides a vast selection in terms of hydraulic distributors; options include the presence of solely mechanical, mixed or full electrical distributors. The distributors with electronic control offer, in addition to flow rate control, also time control. Depending on the version selected, up to 5 rear spool valves are available. Power Beyond is of course available also deliverable with modern flat face couplers as an option. 1 or 2 independent electronic hydraulic valves on the front are also available.

The control over the front lift or the front distributors can be actuated by means of a specific joystick or through the comfortable MaxCom armrest (where present).



↑ PowerBeyond available with standard or flat face couplers.



↑ High comfort combined with ease of use: mixed hydraulic configuration with two electric and two mechanical distributors.



↑ Up to 4 mechanic spool valves with ergonomic single lever controls.



↑ Electric spool valves with comfortable electronic control elements.



Highlights

- Ultimate configurability: from an 84 l/min silent open centre pump to 160 l/min with Load Sensing pump
- Mechanic, electronic or mixed rear hydraulic valves configuration
- Up to 5 rear hydraulic valves and Power Beyond as option
- Up to 2 independent front hydraulic distributors



Highlights

- 540 + 540 ECO + 1000 + 1000 ECO PTO speeds as standard
- Auto PTO function as standard
- DUALSPEED front PTO on 6 cylinder models available
- Lifting capacity up to 9700 kg at the rear and up to 5450 kg at the front
- New "efficient front lift" version available



↑ Front linkage with up to 5450 kg lifting capacity and optional DualSpeed front PTO.



↑ Efficient front lift with up to 3800 kg lifting capacity and optional 1000 front PTO.



PTO AND LIFTS.

Great power and maximum versatility.

One of the design concepts adopted for the development of the new Series 6 was maximum versatility for pairing with the widest range of implements. As standard, all models in the family are equipped with a removable splined PTO output stub shaft, allowing the tractor to be adapted quickly and effectively with any type of implement.

To guarantee maximum efficiency, the rear PTO is provided with all operating speeds as standard: from 540 rpm and 540 ECO all the way to 1000 and 1000 ECO; the Auto PTO function is also always provided as standard and helps increase productivity on the field by automating the engagement and disengagement of the PTO depending on the position of the lift. As an option, a 1000 PTO or 1000 ECO can be installed on the front, and, for versions with 6 cylinder engines, the DUALSPEED front PTO is available as well. DUALSPEED enables the switch of 1000 to 1000 ECO inside the InfoCentrePro for maximum efficiency while working with ECO PTO in the rear.

The powerful rear lift can handle up to 6200 kg as standard, which can be increased to 9700 kg as an option. In any event, an integrated damping system that compensates for the oscillations produced by equipment is included as standard. Robust support for the front lift is part of the design of the new Series 6 and allows for equipment and ballasts to be connected quickly. The optional front lift has a maximum capacity of 4110 kg or 5450 kg (on the 6190, 6210 and 6230 models). Besides an additional efficient front lift version with 3800 kg capacity is available for all models.



↑ Rear linkage with up to 9700 kg lifting capacity.



↑ Four PTO speeds in standard ensuring highest efficiency even in combination with the most demanding implements.

THE NEXT GENERATION OF A MASTERPIECE



ATION CE.

The revamped MaxiVision, MaxiVision⁺ and MaxiVision^{PRO} cabs are the gold standard in their class and represent the next generation of a masterpiece of design, ergonomics and comfort.



Highlights

- Equipment for models with mechanical rear spool valves configuration
- Mid mounted spool valves for front-lift and comfort-package available
- Front loader ready-kit with mechanical cross lever available
- Available for models with Powershift and RCshift transmission

MAXIVISION.

Everything you need.



↑ MaxiVision cab equipment with full mechanical rear spool valves is available for Powershift (large picture) and RCshift (picture above) models.



↑ The MaxiVision cab convinces with timeless design, state of the art comfort and best all round visibility.

The latest generation of the MaxiVision cab further increases its functionality and provide to the operator outstanding comfort, paired with best ergonomics and a perfect all round visibility. For the first time, DEUTZ-FAHR is offering three variants to provide exactly the technological level suiting the customer's needs.

MaxiVision is the entry level and is available on models equipped with 2 or 4 mechanical rear spool valves. It provides all the characteristics the operator is expecting from DEUTZ-FAHR, with a blend of simplicity and ease of use. All of the controls feature a comfortable, ergonomic layout and, in keeping with the DEUTZ-FAHR tradition, adopt the colour coding scheme so that even new drivers can quickly find their way around.

The InfoCentre^{Pro} provides to the operator all the information necessary and, for the use of an ISOBUS implement or guidance, the 8 inch iMonitor is available as well. Seat options with up to 30 degree swivel together with the revamped air-conditioning system with its additional air-outlets; a sophisticated suspension concept, high quality materials and its size make the MaxiVision cab the perfect place to be, even on a long day of work.



Highlights

- Equipment for models with mixed rear spool valves configuration
- Mid mounted spool valves for front-lift and comfort-package available
- Front loader ready-kit with mechanic or electronic cross lever available
- Available for models with Powershift and RCshift transmission

MAXIVISION⁺.

Your addition on comfort.

To satisfy the demand of increased productivity by farmers and contractors all over the world, DEUTZ-FAHR has evolved its MaxiVision cab and added a new variant which let the operator work smarter and faster, with increased comfort and ergonomics.

MaxiVision+ is available on models equipped with the newly developed mixed rear hydraulic configuration, which includes two mechanical and two electro-hydraulic spool valves. While the mechanical spool valves score points for their ease of use, the electronic ones shine with their high level of comfort, especially

during repetitive work processes. On models with Powershift transmission they are controlled through an electronic cross lever installed on the side satellite, which also controls the optional front lift. Models with RCshift transmission offer additional comfort, as the cross lever – which additionally might also be used for the front loader operation – is ergonomically placed on the armrest and includes a possibility to change driving direction. Besides the rear spool valves can also be controlled by two thumb wheels installed on the MaxCom joystick.



↑ The new MaxiVision+ cab equipment with mixed rear spool valve configuration is available for Powershift (picture above) and RCshift (large picture) models.



↑ Thumbwheels on the MaxCom joystick and two mechanical levers control the rear spool valves, while the cross lever might be used to control the front loader.



↑ MaxiVision+ adds not only comfort – it was designed to let you work smarter, for the best results.

In addition to the features already available with MaxiVision, the iMonitor with MaxiVision+ includes a dedicated page to allow the operator to adjust the oil flow and time in the most convenient way. To optimise the work processes, models with RCshift transmission feature also the ComforTip headland management - to further increase the efficiency at work.



Highlights

- Equipment for versions with electronic rear spool valves configuration
- Mid mounted spool valves for front-lift and comfort-package available
- Front loader ready-kit with electronic cross lever available
- Available for models with RCshift transmission

MAXIVISION^{PRO}.

The best you can get.



↑ The MaxiVision^{Pro} equipment offers the comfort and functionality of a TTV with the efficiency of a Powershift.



↑ To control the electric spool valves the operator can choose among the blue fingertip controls, the small joystick or the handy thumbwheels on the MaxCom joystick.

The highest level of the MaxiVision cab sets the benchmark in terms of ergonomics and unleashes advanced features and functions in terms of automation, Smart Farming capacities and full connectivity.

MaxiVision^{Pro} is the premium level and available on models equipped with 4 or 5 electro-hydraulic rear spool valves. With this equipment the operator gets not only the advantage of fully electronically controlled spool valves but also the possibility to install the optional 12 inch iMonitor on the MaxCom armrest. Thanks to the size, the iMonitor is ideal for the parallel work

with an ISOBUS implement, and e.g. the Guidance system. The ergonomic MaxCom armrest hosts all the controls the operator needs during the workday: transmission, hydraulic, PTO and lift as well as further tractor functions are perfectly integrated.

In addition to the features already available on the other versions, MaxiVision^{Pro} allows also to freely assign the spool valves to the different controls, which can be used for ISOBUS AUX-N functions as well. It is easy to see, working on a MaxiVision^{Pro} cabin is a pleasure!

MAXIVISION CABIN FAMILY.

Highest comfort and many options for individualisation.

To provide a silent and comfortable work environment, the MaxiVision cabs are disconnected from the engine bonnet in order to reduce the transmission of heat and noise. Outstanding levels of ride comfort offer, together with the premium seats which feature optional a dynamic damping system, the different cab suspension systems, which are offered as a mechanical or a self-levelling air-suspended system.

The new MaxiVision cabs are now also available, in addition to the openable roof hatch, with an openable front window. On all versions, the large windows guarantee a perfect 360° view of the area around the tractor and, thanks to the precisely designed front bonnet, also the area in the front can be viewed with ease. For an

even better overview, the new 6 series models can be equipped with new 65% larger rear mirrors and with up to 4 external cameras.

The use of high quality materials and very large windows creates a pleasant, luminous and welcoming work environment. Various bracket options allow a robust and fast installation of the control boxes for implements and the most common tablets. A new active cooling box keeps snacks and drinks cool during the longest working day. While the 23 LED work lights ensure to stay fully focused even at night. And with the new 4.1 premium sound system the operator can listen to its favourite songs with pleasure.



↑ Openable front window.



↑ The removable cooling box keeps drink and food cool.



↑ A wide range of mounting brackets.



↑ The new 4.1 premium sound system offers a superior sound experience.





WARRIOR EDITION.

It's all about exclusivity.

Highlights

- Warrior comfort seat
- Stainless steel exhaust cover
- Warrior decals and silver chrome clasp on bonnet
- LED light package
- Rear lower soundproof glass
- Warrior colours for 6 cyl models: green, java green, matt green, black or matt black.
- Warrior colours for 4 cyl models: green or black



6190 RCshift in matt green, one of the new special colours for WARRIOR edition.



The Warrior models feature a wide range of high-quality components as standard, underlining the exclusive character of this equipment variant.

All of the new Series 6 models are now also available in the exclusive Warrior edition, which stands not only for its abundant shiny chrome finishes, but also for exclusive accessories and furnishings for the cab interior. The selection includes 5 different and exclusive colours. The new colours for the 6-cylinder models available, besides the conventional black and DEUTZ-FAHR green are Matt black, Java green and Matt green.

The driver will benefit from the Warrior LED package, enjoy the Warrior comfort seat and the automatic climate control. The impressive look of the Warrior editions features a stainless steel tailpipe trim and, if desired, an eye-catching brilliant paint finish. Added comfort and exclusive options: the Warrior special models of the Series 6!

FRONT LOADER.

Born to load.

The great manoeuvrability due to its compact size, an excellent external field of view, axles with powerful load-bearing capacity, the availability of MaxiVision cabs with high visibility roof with FOPS type approval, a finely adjustable PowerShuttle, the presence of Stop&Go (only on models with RCshift transmission), Easy steer function, built-in joystick control and the availability of powerful hydraulic systems that can deliver up to 160 l/min of oil with Load Sensing pumps mean the Series 6 is ideal for use with a front loader. Which is why the engineers, who designed the Series 6 have also developed 6 different front loader models specifically dedicated to this tractor family, to satisfy all customer needs.

Quick to connect and disconnect, ProfiLine FZ front loaders are made from special steels to guarantee great stability, reduced weight and maximum torsional stiffness all at the same time. The lifting arm consists of a single block and all of the control bars are installed inside the trusses, while all of the hydraulic lines are well protected and positioned below the weight-bearing beam. They can lift up to 4200 kg to heights that reach 4.6 metres.

In addition to the specially designed front loaders, Series 6 machines can be requested with four different set-ups for the loaders. These range from the LIGHT Kit, a simple mechanical set-up that provides the support frame for the loader, to the READY Kit, which includes the HYDROFIX rapid connector (with built-in electrical and hydraulic connections) and dedicated distributors with electronic or mechanical control. To facilitate the use of the front loader, DEUTZ-FAHR also offers a large selection of rear ballasts.



	FZ 43-27	FZ 43-34	FZ 46-26	FZ 46-33	FZ 48-33	FZ 48-42
6160.4 / 6170.4	•					
6160 / 6170		•	•			
6180 / 6190			•			
6210 / 6230			•	•	•	•



Highlights

- Different Front-Loader kits to serve every customer need
- HYDROFIX rapid connector including electronic connectors
- High visibility roof with FOPS type approval
- Joysticks specifically designed for use with the front loader
- Stop&Go function (RCshift)
- PowerShuttle hydraulic reverse shuttle with 5 adjustable settings



↑ The new ProfiLine front loaders integrate all the hydraulic lines inside the beam rail to ensure they are well protected and the driver has a clear view.



↑ The high visibility roof provides the operator with a great view.

SDF
SSMART
FFARMING
SSOLUTIONS.





The tractors of the Series 6 family can be equipped with various products and services to simplify work and increase productivity.





AGRICULTURE 4.0: FULLY CONNECTED.

Series 6 tractors offer class leading technology, enabling you to do your work with even more intelligent solutions.



Highlights

- iMonitor as centralised interface for managing a number of different applications for guidance, data management, ISOBUS and additional optional features like XTEND or Auto-Turn.
- SDF Guidance with plenty of comfortable features and the new SR20 GNSS receiver for superior precision.
- Wide number of ISOBUS functions like automatic Section Control with up to 200 sections.
- SDF Data Management for reliable data exchange between tractor and office.
- SDF Fleet Management for remote control of machine data.



↑ With the automatic section control and a sprayer with single nozzle control, it is possible to save phytosanitary agents. The automatic section control with up to 200 sections is a standard function in the iMonitor.



↑ With XTEND it is possible to control implements with ISOBUS UT while being outside of the cab.



↑ SDF Guidance with intelligent headland management and Auto-Turn relieve the driver and ensure maximum comfort.

The 6 Series tractors offer world-class technology that lets you get on with your work with even smarter solutions. Automated guidance systems maximize operator comfort. Series 6 family can be equipped as an option with the most advanced and sophisticated auto-guidance and telemetry systems. Centimetre precision avoids wasteful overlapping, saving fuel, reducing component wear and minimizing usage of the tools necessary for production. The connectivity solutions offered by DEUTZ-FAHR, make interaction between office and machinery even simpler. The SDF Fleet Management suite puts the user in total control of the 6 Series models.

The application lets the owner keep track of the position of the tractor in real time, wherever it is. SDF Fleet Management can also be used as an effective tool for planning maintenance by making use of its notification functions and for acquiring data relative to performance and fuel consumption. With the SDF Fleet Management application dealers can always assist drivers in case of any upcoming issues that may occur. This reduces downtime and increases operation reliability of customer's machines.



iMonitor.

An innovative terminal putting the driver in full control of the machine.

The iMonitor is the central control element and comes along with updated graphics for a new user experience that is now even more simple and intuitive to use. A choice of 8" or 12" monitor sizes is available. It allows the driver to manage all the most important functions of the machine, such as tractor settings, guidance, ISOBUS implement control and data management.

You can split the screen into different fields to display dedicated functions, while an effective anti-glare coating ensures that all the information are clearly visible. State-of-the-art touch screen operation and the optional external MMI control makes it even more comfortable.

Intuitive and immediate usability are crucial giving the large number of functions controllable from the terminal. Everything is accessible from a single controller interface situated ergonomically

on the armrest. Support functions such as quick guides and icon tooltips combined with a clear menu structure, ensure simple, intuitive usage. If the operator still has any doubts on the functions of the interface, these can be eliminated quickly by using the remote support function. iMonitor is a highly practical interface connecting the driver, tractor, implement and office. Besides a huge number of features available already as standard, it is even possible to unlock additional functions and thus also increase the user experience - such as the XTEND function, which allows the screen to be projected onto external tablets.

Modern auto-guidance systems not only improve productivity by reducing driver's fatigue, they also offer significant time savings by ensuring greater precision during work in the field. The SDF Guidance application allows to work comfortable and always at highest precision.

SR20

SR20 is a new GNSS auto-steering receiver designed for highest accuracy and performances in field. It is capable for the reception of all important satellite systems (GPS, GLONASS, GALILIEO, QZSS and Beidou) to achieve reliable satellite tracking for consistent accuracy during all conditions. As the hardware contains as standard a 3-axis gyroscope for detecting smallest movements, in combination with the CTM module its accuracy level can easily be upgraded e.g. by DGPS corrections like Egnos to RTK.

ISOBUS.

Electronics increase the safety, precision and efficiency of agricultural machinery. With ISOBUS, the operator can control all compatible implements from a single monitor (UT Universal Terminal). The iMonitor can be used as a central controller for all ISOBUS applications and for managing a wide variety of operations. Many functions are available without activating a license: such as assigning AUX (AUX-N) functions, automatic switching of up to 200 sections (TC-SC) and processing application maps (TC-GEO).



↑ Within easy reach: the iMonitor 8" installed on models with MaxiVision and MaxiVision+ cabin.



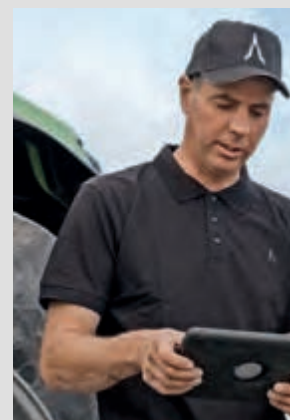
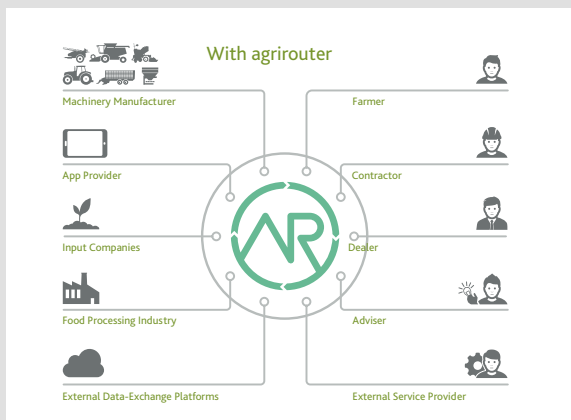
↑ The XTEND function allows the display of SDF Guidance or let you control an ISOBUS implement on an external device, e.g. a tablet.



↑ ISOBUS: you can plug any type of implement and benefit from various ISOBUS features.



↑ The Series 6 is AEF certified for various features.



↑ The agrirouter enables communication between different applications and ensures reliable data exchange.

↑ Connect the Series 6 with your dealer for fast and comfortable support.

↑ SDF Fleet Management enables



access to machine-relevant data at any time.

SDF Smart Farming Solutions

State-of-the-art technology for comprehensive connectivity.

Optimised operations, increased efficiency, linked machines to the office and to any other external source simplifies various workflows. SDF Smart Farming Solutions offers practical answers for managing key data and staying connected at all times. The user is completely free to make his own choices and decisions at any time, while all data remain the sole property of the user.

SDF Fleet Management

With the new SDF Fleet Management application, SDF offers customisable solutions for the real-time management of key data concerning the operation of the machine. Our clients benefit significantly from being in total control of their machines and from the ability to manage a host of vital data, such as tracking data relative to activities. The SDF Fleet Management suite of applications is the centralised control interface for analysing telemetry data from DEUTZ-FAHR machines. Tractor data are transmitted in real time over a mobile internet connection, which allows users to analyse, monitor and optimise the use of their machinery. The "map view" shows the location and status of machines or an entire fleet and can also display historical data. On request, you can set up virtual fences to receive warnings if a machine leaves the area. Error messages may be forwarded to the technical support team of the dealership and used to predict failure and reduce unnecessary machine down time. Thanks to the Remote Support application, dealers can easily access the iMonitor remotely after drivers permission to assist for eventual upcoming operational questions or issues.

SDF Data Management

Efficient Data Management is becoming increasingly important to optimise work processes for farm and field management. SDF uses standard file formats like shape or ISO-XML for more reliable data exchange. This allows users to keep track of what is going on at all times with coherent data transferred in a coordinated manner.



Agrirouter is a universal platform permitting reliable and neutral data exchange between a wide variety of different terminals and applications. The platform simplifies data exchange and, therefore, work processes, reduces office workload and improves economic efficiency, freeing up valuable time for other activities. As a neutral data exchange platform, this is a solution to one of the biggest hurdles for digitalisation in agriculture, allowing farmers and contractors to exchange data between machine applications such as Farm Management Information Systems (FMIS) and agricultural software applications from different manufacturers. Each user can create a free personal agrirouter account and configure it individually. The paths to and from which data is transferred are defined by the user in the settings menu. A list of partners and additional information can be found at www.my-agrirouter.com. The Series 6 family is already fitted with the necessary hardware from factory, existing DEUTZ-FAHR tractors can be retrofitted subsequently with the required components.



Highlights

- Axles with new suspension concept and increased admissible loads
- Engine brake available to increase the engine's braking capacity by up to 40% (only on 6-cylinder engines)
- Various trailer braking systems available, including hydraulic braking compliant with the recent "Mother Regulation"
- Proven dry-disc brakes for 6210 and 6230 models

ULTIMATE ACTIVE AND PASSIVE SAFETY.

Work in peace of mind.

In order to be productive the operator needs to have complete control over the vehicle, whether on the field or on the road, at high speeds or on unstable terrain. To maximise the active safety of the vehicle the new Series 6 responds to this need with an excellent external field of view in all conditions, thanks to its large mirrors, windows, powerful lighting and the availability of external cameras. In addition, the new front axles, with their greater load-bearing capacity and an intelligent, adaptive suspension system, provide the Series 6 with ultimate stability and comfort, both during the most challenging towing operations and when moving heavy loads. The innovative suspension concept stabilises the tractor during all transport operations and boosts driving safety.

To optimize comfort in all working conditions the user can select one of three different settings for the suspension behaviour.

The 6210 and 6230 models can be fitted with high-performance dry disc brakes on the front. For rapid braking reactions the brake assist, already present as standard, guarantees ultimate brake performance with less pressure on the pedal.

On models fitted with 6-cylinder engines, the engine brake, which boosts the engine's braking capacity can be installed as an option. This increases safety, reduces maintenance costs and ensures less wear on the service brake.



↑ The new front axles offer higher axle loads and integrate a new suspension sensor.



↑ The optional dry disc brakes for 6210 and 6230 models offer exceptional stopping power.

Hydraulic, pneumatic or a combination of both trailer braking systems is available on all models and allow the connection of any type-approved trailer. And for contractors or municipalities which are working mainly on the road, the series 6 might be ordered in the highly visible orange body colour and with municipal tires - which provide a better grip during snow removal.



↑ The new mirrors increased by 65% and thus guarantee excellent rear visibility.

MAINTENANCE AND SERVICE.

Long intervals and easy handling.

With the new Series 6 DEUTZ-FAHR offers a bunch of smart solutions that simplify tractor maintenance and extend service intervals.

- The engine oil change interval has been extended to 1000 hours (or 2 years)
- The level of coolant fluid, transmission and front PTO* oil is immediately visible thanks to sight glasses (*on models with DualSpeed version).
- The engine oil dipstick is accessible without opening the bonnet
- A practical cap on the right provides access to the battery and offers a rapid connection for external power supply
- The cab's external air filters and circulating air filter are easily accessible
- Regular cleaning of the cooling system, the cabin and filters is easy with the optional air hose and air gun in the toolbox on the tank

- The generously sized lightweight aluminum radiator pack features a lever that flips the radiator up for easier maintenance and cleaning

DEUTZ-FAHR tractors are traditionally machines which are easy to maintain. Extended service intervals and easy access to all maintenance points increase the overall economic efficiency of every single model. The new Series 6 tractors not only follow this tradition but offer further improvements.





↑ Up to 410 litres fuel tank for longest uptime.



↑ Air supply port and entrance light switch protected under the steps.



↑ Water tank with steel level marker.



↑ Big toolbox conveniently placed on the right side.



↑ Easy access to the PowerCore air filter.



↑ Storage box above the fuel tank on left side for air hose and air gun.

TECHNICAL DATA	SERIES 6 POWERSHIFT									
	6160.4	6170.4	6160	6170	6180	6190	6210	6230		
ENGINE										
Model		DEUTZ TCD 4.1			DEUTZ TCD 6.1					
Emission level		Stage V			Stage V *6170/6190/6230 Stage 3a					
Cylinders/Displacement	n°/cc	4 / 4038			6 / 6057					
Turbocharger with charge air cooling		●			●					
VISCO cooling fan		●			●					
Injection @ pressure	Type/ bar	Common Rail @ 1.600			Common Rail @ 1.600					
Max. power (ECE R120)	kW/Hp	118 / 161	126 / 171	119 / 161	126 / 171	133 / 181	141 / 192	159 / 216	159 / 217	
Max. power with Boost (ECE R120)	kW/Hp	126 / 171	-	126 / 171	-	141 / 192	-	-	169 / 230	
Power at rated speed (ECE R120)	kW/Hp	114 / 155	120 / 163	114 / 155	120 / 163	128 / 174	132 / 179	145 / 197	150 / 204	
Speed at maximum power	rpm	1900			1900					
Max. engine speed (rated)	rpm	2100			2100					
Max. torque with Boost	Nm	685	-	709	-	796	-	-	891	
Max. torque	Nm	675	699	698	727	772	821	849	849	
Speed at maximum torque	rpm	1500			1500					
Air filter with dust ejector		●			●					
Fuel tank capacity	l	300			350			410		
AdBlue capacity	l	21			29			29		
Oil change interval	Hours	1000 (or 2 years)			1000 (or 2 years)					
TRANSMISSION										
Model		Powershift transmission								
Transmission ratio		1,3232			1,3316			1,3274		
PowerShuttle with 5 different settings		●								
Gearbox	n°	5 ranges with 6 powershift stages each (forward)								
N° of speed without creeper	n°	30 + 15								
N° of speed with creeper (option)	n°	54 + 27								
Driving modes		Manual / APS (if equipped)								
SpeedMatching		●								
Powershift proportional valves (SenseShift)		●								
Automatic Powershift (APS)		○								
Minimal speed with creeper @ 1000 rpm	km/h	0,17			0,18					
Top speed 40 km/h	rpm	1575 SuperECO			1490 SuperECO					
Top speed 50 km/h	rpm	1969 ECO			1863 ECO					
HYDRAULICS AND LINKAGE										
Pump flow (STD)	l/min	84 Open Center pump				120 Load Sensing pump				
Pump flow (OPT)	l/min	120 / 160 Load Sensing pump				160 Load Sensing pump				
Hydraulic oil takeout	l	40								
Spool valves controls	Type	Mechanical or Mixed								
Hydraulic auxiliary control valves (mechanical)	n°	2 or 4								
Hydraulic auxiliary control valves (mixed)	n°	2 mechanical and 2 electrical								
Power Beyond		○ (standard couplers or flat couplers)								
Automatic lower link stabilizers		○								
Rear linkage lifting capacity (STD)	Kg	6200								
Rear linkage lifting capacity (OPT)	Kg	9700								
External operation on rear fenders		●								
Front linkage efficient lifting capacity (OPT)	Kg					3800				
Front linkage lifting capacity (OPT)	Kg	4110						5450		
Hydraulic upper links		○								
PTO										
Rear PTO speeds		540 / 540 ECO / 1000 / 1000 ECO								
Front PTO speeds		1000 / 1000 ECO / DualSpeed PTO 1000 and 1000 ECO interchangeable in cabin (only on 6 cyl models)								
Rear auto PTO		●								
AXLES AND BRAKES										
Model		Dana M40 HD			Dana M50	Dana M50/ M60L	Dana M60L			
Suspended front axle		○					●			
Electro-hydraulic differential lock 100%		○					●			
ASM system		○					●			
Brakes for front axle (OPT)		Internal wet disc brakes					External dry disc brakes			
Performance steering ready with EasySteer function		○								
Brake booster (PowerBrake)		●								
Mechanical parking brake		●								
Pneumatic trailer brake		○								
Hydraulic dual mode trailer brake		○								
Engine Brake		○								
ELECTRICAL SYSTEM										
Voltage	V	12								
Standard battery	V / Ah	12 / 180								
Alternator	V / A	14 / 200								
Starter motor	V / kW	12 / 3,1								
External socket		○								
Interface for attachments 11786 (7-pole)		○								

● = standard ○ = option -- = not available

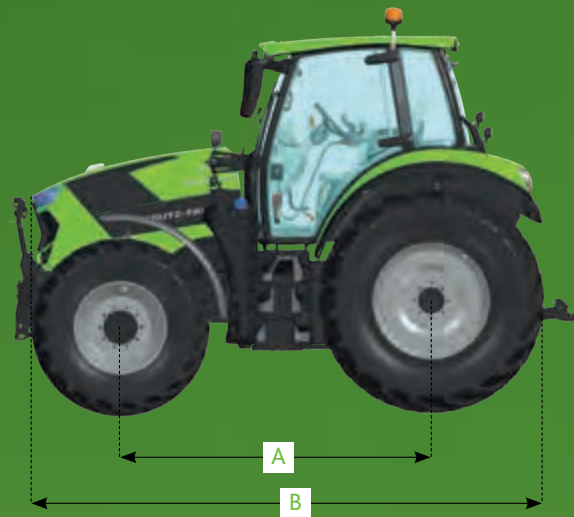
TECHNICAL DATA	SERIES 6 POWERSHIFT							
	6160.4	6170.4	6160	6170	6180	6190	6210	6230
MAXIVISION CAB								
Cab					MaxiVision / MaxiVision+			
Mechanical cab suspension					○			●
Pneumatic cab suspension					○			
XLarge Vision telescopic rear mirrors with courtesy LED					○			
XLarge Vision telescopic rear mirrors with courtesy LED, heating and electronic adjustment					○			
Air conditioning					●			
Automatic A/C system					○			
High visibility roof					○			
High visibility roof FOPS					○			
Powershift gear lever with ComfortClutch button					●			
iMonitor with 8"					○			
AutoTurn					○			
XTEND					○			
ISOBUS (with rear, front and in-cab connectors)					○			
VRC (Variable Rate Control)					○			
SC (Section Control) 200 sections					○			
SR20 RTK receiver					○			
CTM connectivity module					○			
Attachment brackets for tablet and smartphone					○			
Comfortip Professional (only with iMonitor)					○			
Seat Max-Comfort, air suspension, adjustable seat position, pneumatic lumbar support, swivel					●			
Seat Max-Dynamic DDS XL, air suspension with dynamic damping, adjustable seat position, pneumatic lumbar support, swivel					○			
Seat Max-Dynamic Evo DDS XXL, synthetic leather, air suspension with dynamic damping, adjustable seat position, pneumatic lumbar support, swivel and active climate					○			
Passenger seat					●			
Pre-arrangement for radio with antenna and loud speakers					●			
High-level DAB+ Radio with Bluetooth					○			
4.1 premium sound system with High-level DAB+ Radio with Bluetooth and hands-free function					○			
Removable cooling box					○			
8x Halogen work lights on cab roof					●			
Up to 23x LED work lights					○			
Up to 2x Beacon lights LED					○			
LED driving lights					○			
iLock/AntiTheft function					●			
FRONT LOADER								
Pre-arrangement light kit and light kit plus					○			
Pre-arrangement intermediate kit					○			
Pre-arrangement ready kit (mechanical or electrical)					○			
Front loader model		FZ 43-27 FS 43-34	FZ 43-34 FZ 46-26	FZ 46-26	FZ 46-26	FZ 46-26	FZ 46-33 FZ 48-33	FZ 46-33 FZ 48-42
Overloading height	mm	4110	4110 4340	4340	4340	4340	4340 4590	4340 4590
Breakout force 800 mm before the pivot point	daN	3540 4580	4580 3840	3840	3840	3840	3840 4140	4560 4900

6170RC, 6190RC and 6230RC available in Stage 3A variant

TECHNICAL DATA	SERIES 6 RCSHIFT									
	6160.4	6170.4	6160	6170	6180	6190	6210	6230		
ENGINE										
Model		DEUTZ TCD 4.1			DEUTZ TCD 6.1					
Emission level		Stage V			Stage V					
Cylinders/Displacement	n°/cc	4 / 4038			6 / 6057					
Turbocharger with charge air cooling		●			●					
VISCO cooling fan		●			●					
Injection @ pressure	Type/ bar	Common Rail @ 1.600			Common Rail @ 1.600					
Max. power (ECE R120)	kW/Hp	118 / 161	126 / 171	119 / 161	126 / 171	133 / 181	141 / 192	159 / 216	159 / 217	
Max. power with Boost (ECE R120)	kW/Hp	126 / 171	-	126 / 171	-	141 / 192	-	-	169 / 230	
Power at rated speed (ECE R120)	kW/Hp	114 / 155	120 / 163	114 / 155	120 / 163	128 / 174	132 / 179	145 / 197	150 / 204	
Speed at maximum power	rpm	1900			1900					
Max. engine speed (rated)	rpm	2100			2100					
Max. torque with Boost	Nm	685	-	709	-	796	-	-	891	
Max. torque	Nm	675	699	698	727	772	821	849	849	
Speed at maximum torque	rpm	1500			1500					
Air filter with dust ejector		●			●					
Fuel tank capacity	l	300			350			410		
AdBlue capacity	l	21			29			29		
Oil change interval	Hours	1000 (or 2 years)			1000 (or 2 years)					
TRANSMISSION										
Model		Robotized RCshift transmission								
Transmission ratio		1,3232			1,3316		1,3274			
PowerShuttle with 5 different settings	n°	●								
Gearbox		5 ranges with 6 powershift stages each (forward)								
N° of speed with creeper (in base)		54 + 27								
Driving modes		Manual / Semi Auto / Auto								
Stop&Go		● (in Semi Auto/Auto mode)								
SpeedMatching		●								
Powershift proportional valves (SenseShift)		●								
Automatic Powershift APS		●								
Minimal speed with creeper @ 1000 rpm		0,17			0,18					
Top speed 40 km/h		1224 UltraECO			1158 UltraECO					
Top speed 50 km/h		1530 SuperECO			1447 SuperECO					
HYDRAULICS AND LINKAGE										
Pump flow (STD)	l/min	84 Open Center pump				120 Load Sensing pump				
Pump flow (OPT)	l/min	120 / 160 Load Sensing pump				160 Load Sensing pump				
Hydraulic oil takeout	l	40								
Spool valves controls	Type	Mechanical, Mixed or fully Electric								
Hydraulic auxiliary control valves (Mechanical)	n°	2 or 4								
Hydraulic auxiliary control valves (Mixed)	n°	2 mechanical and 2 electrical								
Hydraulic auxiliary control valves (Electric)	n°	2, 4 or 5								
Power Beyond		○ (standard couplers or flat couplers)								
Automatic lower link stabilizers		○								
Rear linkage lifting capacity (STD)	Kg					6200				
Rear linkage lifting capacity (OPT)	Kg					9700				
External operation on rear fenders		●								
Front linkage efficient lifting capacity (OPT)	Kg				3800					
Front linkage lifting capacity (OPT)	Kg	4110						5450		
Hydraulic upper links		○								
PTO										
Rear PTO speeds		540 / 540 ECO / 1000 / 1000 ECO								
Front PTO speeds		1000 / 1000 ECO / DualSpeed PTO 1000 and 1000 ECO interchangeable in cabin (only on 6 cyl models)								
Rear auto PTO		●								
AXLES AND BRAKES										
Model		Dana M40 HD				Dana M50	Dana M50/ M60L	Dana M60L		
Suspended front axle		○						●		
Electro-hydraulic differential lock 100%		○						●		
ASM system		○						●		
Brakes for front axle (OPT)		Internal wet disc brakes					External dry disc brakes			
Performance steering ready with EasySteer function		○								
Brake booster (PowerBrake)		●								
Mechanical parking brake		●								
Pneumatic trailer brake		○								
Hydraulic dual mode trailer brake		○								
Engine Brake		○								

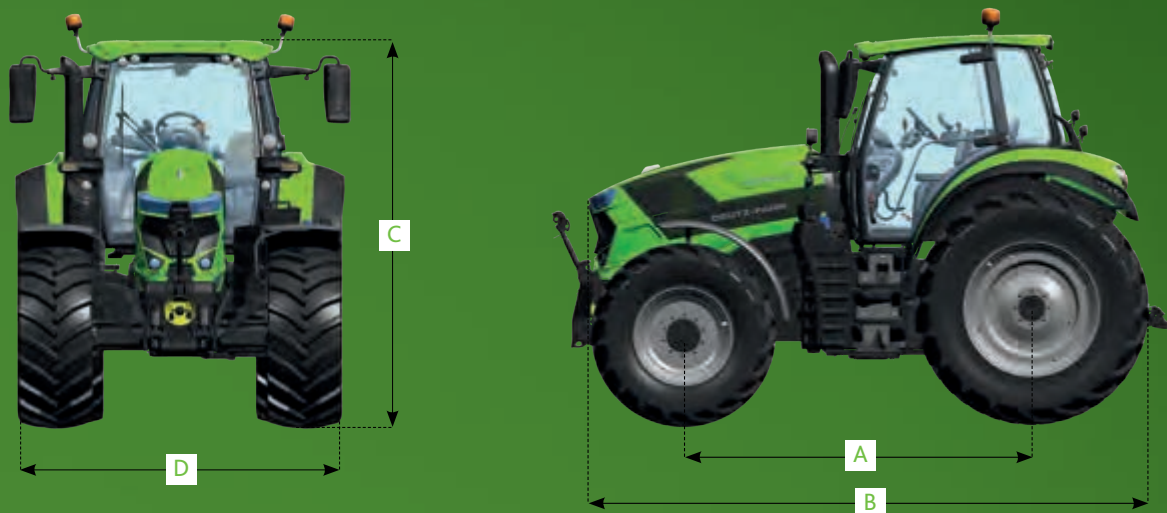
● = standard ○ = option - = not available

TECHNICAL DATA		SERIES 6 RCSHIFT							
		6160.4	6170.4	6160	6170	6180	6190	6210	6230
ELECTRICAL SYSTEM									
Voltage	V					12			
Standard battery	V / Ah					12 / 180			
Alternator	V / A					14 / 200			
Starter motor	V / kW					12 / 3,1			
External socket						○			
Interface for attachments 11786 (7-pole)						○			
MAXIVISION CAB									
Cab						MaxiVision / MaxiVision+ / MaxiVisionPro			
Mechanical cab suspension						○			●
Pneumatic cab suspension						○			
XLarge Vision telescopic rear mirrors with courtesy LED						○			
XLarge Vision telescopic rear mirrors with courtesy LED, heating and electronic adjustment						○			
Air conditioning						●			
Automatic A/C system						○			
High visibility roof						○			
High visibility roof FOPS						○			
MaxCom joystick						●			
Multifunction satellite armrest with two thumbwheels for electro-hydraulic spool valves on MaxCom joystick						● (base for MaxiVision+ equipment)			
Full multifunction satellite armrest with comfortable finger tip controls for electro-hydraulic spool valves						● (base for MaxiVisionPro equipment)			
iMonitor with 8"						○			
iMonitor with 12"						○ (option for MaxiVisionPro equipment)			
AutoTurn						○			
XTEND						○			
ISOBUS (with rear, front and in-cab connectors)						○			
VRC (Variable Rate Control)						○			
SC (Section Control) 200 sections						○			
SR20 RTK receiver						○			
CTM connectivity module						○			
Attachment brackets for tablet and smartphone						○			
Comfortip Professional (only with iMonitor)						○			
Seat Max-Comfort, air suspension, adjustable seat position, pneumatic lumbar support						●			
Seat Max-Dynamic DDS XL, air suspension with dynamic damping, adjustable seat position, pneumatic lumbar support						○			
Seat Max-Dynamic Evo DDS XXL, synthetic leather, air suspension with dynamic damping, adjustable seat position, pneumatic lumbar support, active climate						○			
Passenger seat						●			
Pre-arrangement for radio with antenna and loud speakers						●			
High-level DAB+ Radio with Bluetooth						○			
4.1 premium sound system with High-level DAB+ Radio with Bluetooth and hands-free function						○			
Removable cooling box						○			
8x Halogen work lights on cab roof						●			
Up to 23x LED work lights						○			
Up to 2x Beacon lights LED						○			
LED driving lights						○			
iLock/AntiTheft function						●			
FRONT LOADER									
Pre-arrangement light kit and light kit plus						○			
Pre-arrangement intermediate kit						○			
Pre-arrangement ready kit (mechanical or electrical)						○			
Front loader model		FZ 43-27 FS 43-34	FZ 43-34 FZ 46-26	FZ 46-26	FZ 46-26	FZ 46-26 FZ 48-33	FZ 46-33 FZ 48-42		
Overloading height	mm	4110	4110 4340	4340	4340	4340 4590	4340 4590		
Breakout force 800 mm before the pivot point	daN	3540 4580	4580 3840	3840	3840	3840 4560	4140 4900		



TECHNICAL DATA		SERIES 6 POWERSHIFT/ RCSHIFT	
		6160.4	6170.4
DIMENSIONS AND WEIGHTS			
Front tyres (min.)			420/85 R24"
Rear tyres (min.)			520/70 R38"
Front tyres (max.)			600/60 R28"
Rear tyres (max.)			710/60 R38"
Wheelbase (A)	mm		2542
Length (B)	mm		4193 - 5255
Height (max.) (C)	mm		2920 - 3020
Width (max.) (D)	mm		2285 - 2720
Ground clearance	mm		390 - 490
Front axle width (flange to flange, no brakes)	mm		1850
Rear axle width (flange to flange)	mm		1720
Unladen weight, front	kg		2690 - 3340
Unladen weight, rear	kg		4340 - 4380
Total unladen weight	kg		7080 - 7700
Wheel weights			○
Maximum permissible axle load, front	kg		4700
Maximum permissible axle load, rear	kg		8400
Maximum permissible weight	kg		11500

Technical data and figures are only provided for guidance. DEUTZ-FAHR is committed to continuously adapting its products to your requirements and therefore reserves the right to make updates without prior notice.



TECHNICAL DATA		SERIES 6 POWERSHIFT/ RCSHIFT					
		6160	6170	6180	6190	6210	6230
DIMENSIONS AND WEIGHTS							
Front tyres (min.)		420/85 R24"			480/70 R28"		
Rear tyres (min.)		520/70 R38"			580/70 R38"		
Front tyres (max.)		600/60 R28"			600/60 R30"		
Rear tyres (max.)		710/60 R38"			710/60 R42"		
Wheelbase (A)	mm	2767				2848	
Length (B)	mm	4347 - 5712				4478 - 5793	
Height (max.) (C)	mm	2932 - 3153					
Width (max.) (D)	mm	2285 - 2720					
Ground clearance	mm	365 - 465		465 - 515			
Front axle width (flange to flange, no brakes)	mm	1850		1780		1940	
Rear axle width (flange to flange)	mm	1720		1890			
Unladen weight, front	kg	2690 - 3340				3150 - 3790	
Unladen weight, rear	kg	4470 - 4510				4740 - 4780	
Total unladen weight	kg	7200 - 8100				7930 - 8550	
Wheel weights		○					
Maximum permissible axle load, front	kg	5000		5200		6000	
Maximum permissible axle load, rear	kg	8400		9200			
Maximum permissible weight	kg	11500		12500		13500	

Technical data and figures are only provided for guidance. DEUTZ-FAHR is committed to continuously adapting its products to your requirements and therefore reserves the right to make updates without prior notice.


Dealership



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FARMING**

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   Deutz Fahr NZ

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