

SERIES 600



6155 G // 6165 G // 6175 G // 6185 G // 6205 G
POWERSHIFT - RCSHIFT
STAGE III A



**DEUTZ
FAHR**



SERIES 6G POWER

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 6G Powershift/RCshift.

Three manoeuvrable models with a medium wheelbase and two models with a larger wheelbase both equipped with 6-cylinder Deutz engines and 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 152 to 203 HP range.

LOWEST OPERATING COSTS

The new Series 6G 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, 540ECO, 1000, 1000ECO operating modes.



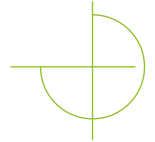
MEDIUM WHEELBASE

6155 G, 6165 G, 6175 G

5 models, different power outputs and 2 different wheelbases.

SERIES 6G OFFER THE BEST TECHNOLOGY MIX TO FACE ANY TASK.

SHIFT / RCSHIFT



THE TRACTOR FOR YOUR BUSINESS

The new Series 6G 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 6G the perfect machine for any task.

LARGE WHEELBASE

6185 G, 6205 G

Series 6G was created to offer cutting-edge technology for the agriculture of the future. An extremely modern design, highly efficient transmissions and a range of integrated SDF Smart Farming Solutions, available as options, are the perfect match for the models in the new Series 6G family. Additional strengths that elevate the new Series 6G by DEUTZ-FAHR to the top of the category include the Deutz 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; the very high capacity front and rear lifts, maximum admissible weights ranging from 11500 to 12500 kg (at 50 km/h) and the extremely comfortable PowerVision cabs.

// MADE IN GERMANY

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 6G 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 6G 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 6G tractors are exceptionally efficient both in the field and on the road.

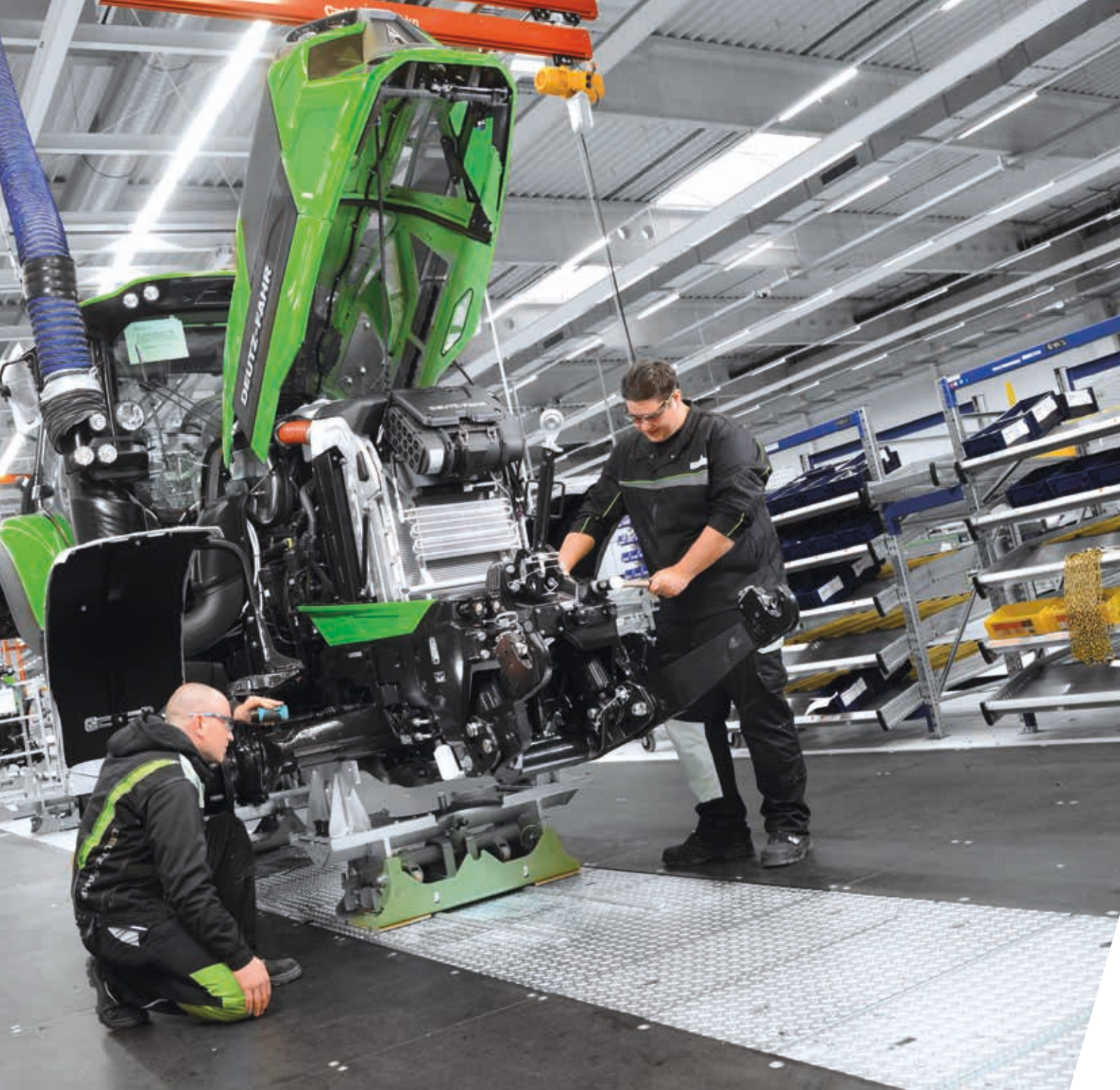
DEUTZ-FAHR SERVICE

NOT JUST CLOSE, BUT ALSO FAST.

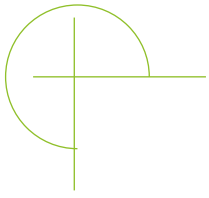
- > Original spare parts in premium quality
- > Fast and efficient spare parts service
- > On-time deliveries – worldwide
- > Varied product range
- > Excellent price-performance ratio
- > Remote Support for fastest service



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



> We set new standards in production quality.



// TOTAL EFF

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

EFFICIENCY



// ENGINE

Minimal maintenance and top performance.

The new Series 6G is powered by 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 659 Nm on the 6155G to 810 Nm on the 6205G. The revamped Deutz 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 6G tractors has been extended to 1000 operating hours (or 2 years).



> Deutz TCD 6 cylinder engine.

HIGHLIGHTS

- > 6-cylinder Deutz engines
- > Exhaust Engine Brake for all 6 cylinder models available
- > Engine oil intervals extended to 1000 hours (or 2 years)



DEUTZ-FAHR

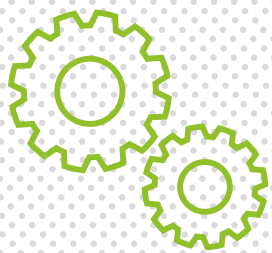
// POWERSHIFT TRANSMISSION

Pure driving experience.

The proven Powershift version of the new Series 6G stands for superior ease of operation and convenience with highest efficiency. It includes a gearbox with 6 Powershift stages that are perfectly spaced in 4 or 5 ranges, providing the operator with 24 or 30 speeds when moving forward and 12 or 15 in reverse.

The Speed-Matching 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 optional 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 can be optionally equipped with 5 user-selectable responsiveness levels which allowing the operation 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.



24+12 gears
(optional creeper 48+24)
30+15 option
(optional creeper 54+27)

HIGHLIGHTS

- > 6 Powershift stages, perfectly spaced in 4 or 5 ranges
- > Speed-Matching, SenseShift and ComfortClutch as standard
- > Automatic Powershift (APS) for greater comfort available
- > PowerShuttle with optionally 5 adjustable settings for responsiveness
- > Creeper option with speeds as low as 175 m/h at 1000 rpm available
- > Maximum speed of 40 km/h or 50 km/h at ECO engine speeds



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



> Ergonomic PowerShuttle lever with SenseClutch adjustment dial.

> Easy and intuitive – with the ECO/Power adjustment knob the operator can change the APS (Automatic Powershift) shifting behaviour.

// RCSHIFT TRANSMISSION

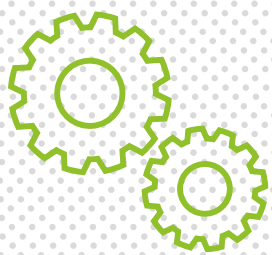
Robotised driving.

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 around 1500 rpm, or 40 km/h at just around 1200 rpm (engine rpm vary slightly depending on tyres and model), to help the operator minimise consumption and wear at all times.



54+27 gears
(creeper in standard)

HIGHLIGHTS

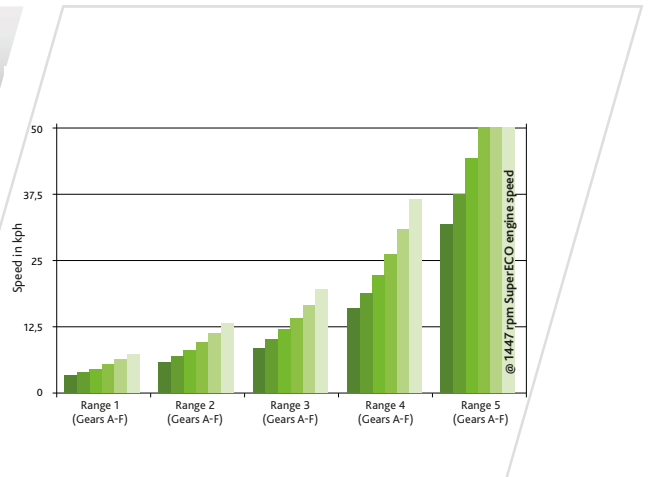
- > Auto mode and Cruise Control for maximum comfort and efficiency during transport
- > Stop&Go function, allowing to stop the tractor without pressing the clutch
- > UltraECO speeds as standard for low fuel consumption and less noise in the cab
- > Creeper speeds as standard



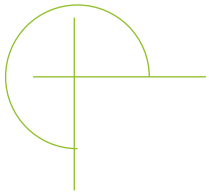
- > Ergonomic PowerShuttle lever with optional SenseClutch adjustment and modern dashboard.



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



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



// TOTAL CONFIG

No one offers more in terms of configurability. Engines with different power outputs, two transmission variants and a myriad of solutions available to create the perfect machine for each operator.

DURABILITY



// HYDRAULIC SYSTEM

Completely modular.

The modular concept used to develop the hydraulic system for the new Series 6G 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 - 115 l/min pump or an optional Load Sensing system with 120 - 165 l/min pump capacity can be installed.

All versions are equipped with a supplementary independent pump dedicated to the hydraulic steering system, to ensure smooth and 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 guidance system.

The new Series 6G also provides a vast selection in terms of hydraulic distributors; options include the presence of three or four solely mechanical distributors and two front hydraulic outlets with quick couplers. Power Beyond is of course also available.



> Availability of Power Beyond.



> Rear attachment area with three mechanical valves.



> Four easily reachable and ergonomic single lever controls for the operation of the mechanically operated hydraulic valves.



> Rear attachment area with four mechanical valves and Power Beyond couplers.

HIGHLIGHTS

- > Ultimate configurability: from an open centre hydraulic system up to a 165 l/min Load Sensing pump
- > Mechanical hydraulic valves configurations
- > Up to 4 rear hydraulic valves and Power Beyond as option
- > Up to 1 independent front hydraulic distributor





> Front linkage with up to 3850 kg lifting capacity and optional 1000 front PTO.



> External control elements on rear fenders for lift and PTO.

// PTO AND LIFTS

Total power and configurability.

One of the design concepts adopted for the development of the new Series 6G 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.

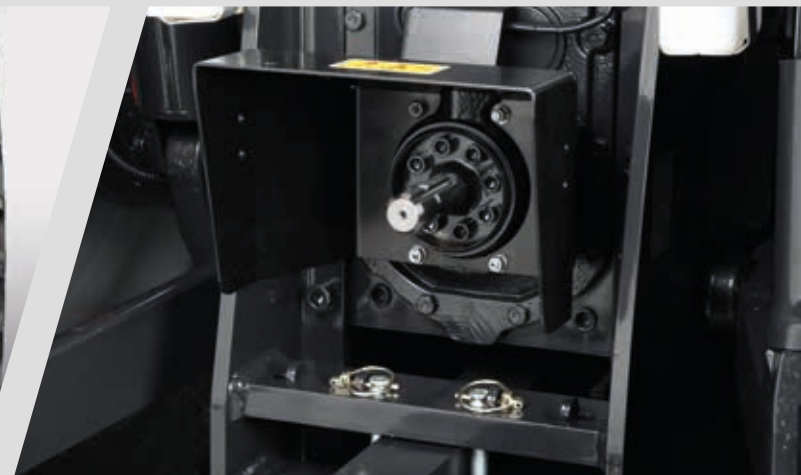
To guarantee maximum efficiency, the rear PTO is provided with all operating speeds as standard: from 540 rpm and 540ECO all the way to 1000 and 1000ECO; the Auto PTO function is also always provided as standard and helps increase productivity on the field by automating the engagement and disengagement of the PTO depending on the position of the lift. As an option, a 1000 PTO can be installed on the front. 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 6G and allows for equipment and ballasts to be connected quickly. The optional front lift has a maximum capacity of 3850 kg.

HIGHLIGHTS

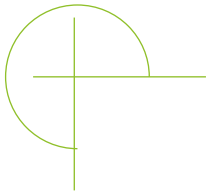
- > 540 + 540ECO + 1000 + 1000ECO PTO speeds as standard
- > Auto PTO function as standard
- > Front PTO 1000
- > Lifting capacity up to 9700 kg at the rear and up to 3850 kg at the front



> Rear linkage with up to 9700 kg lifting capacity.



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



// THE NEXT OF A MA

The revamped PowerVision cabs are the gold standard in their class and represent the next generation of a masterpiece of design, ergonomics and comfort.

GENERATION STERPIECE



// POWERVISION

Everything you need.

The latest generation of the PowerVision cab further increases its functionality and provide to the operator outstanding comfort, paired with best ergonomics and a perfect all round visibility.

PowerVision is available on models with Powershift or RCshift transmissions equipped with 3 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⁺ 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 swivel together with the manual air conditioning in standard equipment. A sophisticated suspension concept, high quality materials and its size make the PowerVision cab the perfect place to be, even on a long day of work.

HIGHLIGHTS

- > 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
- > New, modern InfoCentre⁺ dashboard display



- > PowerVision cab equipment with full mechanical rear spool valves is available for Powershift (small picture) and RCshift (large picture) models.

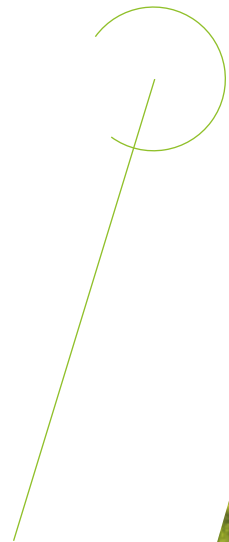


> The PowerVision cab convinces with timeless design, state of the art comfort and best all round visibility.

// POWERVISION CAB FAMILY

Highest comfort and many options for individualisation.

To provide a silent and comfortable work environment, the PowerVision cabs are disconnected from the engine bonnet in order to reduce the transmission of heat and noise. Outstanding driving comfort is offered together with the premium seats, which are optionally equipped with a dynamic damping system. The various cab suspension systems are available as mechanical suspension or on Silent-Blocks. The new PowerVision 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. The use of high quality materials and very large windows creates a pleasant, luminous and welcoming work environment.



> Air conditioning controls.



> Handy storage areas.



> Front loader control buttons and electrical sockets.



> The new InfoCentre*.

// 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 PowerVision cabs with all round visibility, a finely adjustable PowerShuttle, the presence of Stop&Go (only on models with RCshift transmission), EasySteer function, built-in joystick control and the availability of powerful hydraulic systems that can deliver up to 165 l/min of oil with Load Sensing pumps mean the Series 6G is ideal for use with a front loader. Which is why the engineers, who designed the Series 6G have also developed 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. Lifting height can reach up to 4.6 meter while heavy loads can be carried.

In addition to the specially designed front loaders, Series 6G machines can be requested with three 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 Hydro-Fix rapid connector (with built-in electrical and hydraulic connections) and dedicated distributors with mechanical control. To facilitate the use of the front loader, DEUTZ-FAHR also offers a large selection of rear ballasts.

	FS 43-34	FZ 43-27	FZ 43-34	FZ 46-26
6155 G	•	•	•	
6165 G	•	•	•	
6175 G	•	•	•	
6185 G				•
6205 G				•

HIGHLIGHTS

- > Different Front-Loader kits to serve every customer need
- > Hydro-Fix rapid connector including electronic connectors
- > 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 PowerVision cab provides the operator with a great view.

// // SDF Smart

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



Farming Solutions




// AGRICULTURE 4.0: FULLY CONNECTED

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

The Series 6G tractors offer world-class technology that lets you get on with your work with even smarter solutions. Automated guidance systems maximise operator comfort. Series 6G family can be equipped as an option with the most advanced and sophisticated autoguidance and telemetry systems. Centimeter precision avoids wasteful overlapping, saving fuel, reducing component wear and minimising use of the implements 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 Series 6G 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.

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 255 sections
- > SDF Data Management for reliable data exchange between tractor and office
- > SDF Fleet Management for remote control of machine data

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



> 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 255 sections is a standard function in the iMonitor.

> SDF Guidance with intelligent headland management and AUTO-TURN relieve the driver and ensure maximum comfort.

// iMonitor

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

The iMonitor 8" 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. 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 is clearly visible. Intuitive and immediate usability are crucial giving the large number of functions controllable from the terminal. Support functions such as icon tips combined with a clear menu structure, ensure simple and 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.

SDF Guidance

Modern autoguidance 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

The SR20, a cutting-edge GNSS auto-steering receiver, is designed for unparalleled accuracy and performance in the field. It can receive signals from all major satellite systems (GPS, GLONASS, GALILEO, QZSS, and Beidou), ensuring reliable satellite tracking for consistent accuracy in all conditions. The standard 3-axis gyroscope in the hardware detects the smallest movements, enhancing precision. Tailoring the accuracy to the tractor's specific primary application area, the SR20 can be delivered with submetre or decimetre precision.

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 255 sections (TC-SC) and processing application maps (TC-GEO).



> The Series 6G is AEF certified for various features.



> The ISOBUS UT function enables control of implements like a square baler.



> The precise SR20 receiver mounted on the cab roof.



> Within easy reach: the iMonitor 8" installed.

// MAINTENANCE AND SERVICE

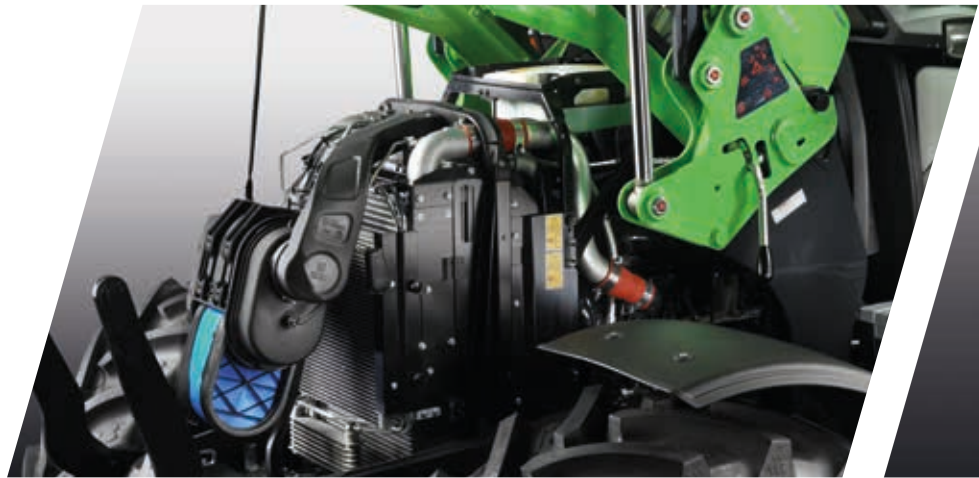
Long intervals and easy handling.

With the new Series 6G 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 and transmission oil is immediately visible thanks to sight glasses
- The engine oil dipstick is accessible without opening the bonnet
- 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 dimensioned, lightweight aluminium radiator package has sieves that can be pulled out of the radiator 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 6G tractors not only follow this tradition but offer further improvements.

Besides the manufacturer's warranty, one additional SDF ExtraCare warranty is available for the new Series 6G. It extends the warranty to 3 years or 3000 hours of operation or 5 years respectively 5000 hours of operation.



> Easy access to the PowerCore air filter and the radiator package.



> Engine oil dipstick accessible without opening the bonnet.



> Space behind the seat with fuse compartment and perfect view through the second rear window.



> Battery main switch and battery compartment on right tractor side.



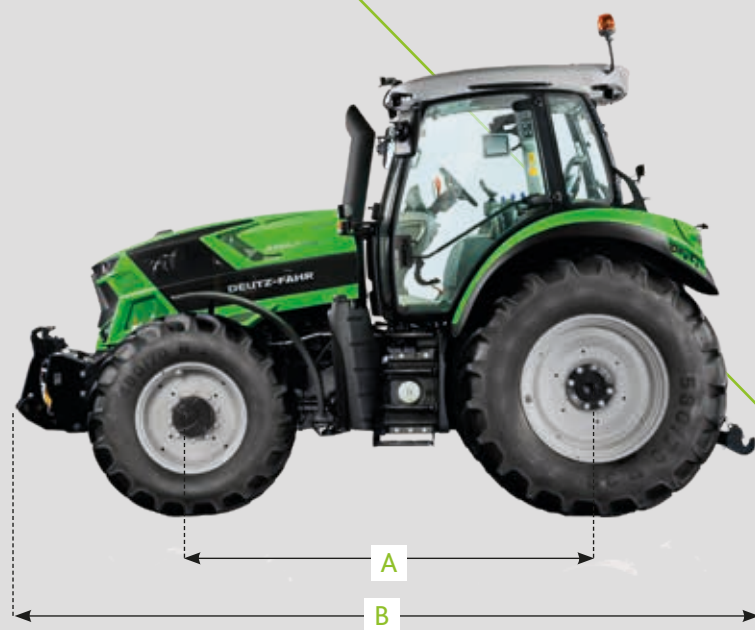
> Cab air filters are easily accessible on the underside of the roof.

TECHNICAL DATA	SERIES 6G POWERSHIFT/RCSHIFT				
	6155 G	6165 G	6175 G	6185 G	6205 G
ENGINE					
Model			Deutz TCD 2012		
Emission level			Stage III A (Tier 3)		
Cylinders/Displacement	n°/cc		6/6057		
Turbocharger with charge air cooling			●		
Visco cooling fan			●		
Injection @ pressure	Type/ bar		Common Rail @ 1600		
Max. power (ECE R120)	kW/HP	120/163	130/177	140/190	149/203
Power at rated speed (ECE R120)	kW/HP	111/152	126/171	134/183	147/200
Speed at maximum power	rpm	1900		2000	
Max. torque	Nm	659	730	770	810
Speed at maximum torque	rpm	1400		1600	
Air filter with dust ejector			●		
Fuel tank capacity	l	250/345		345	
TRANSMISSION					
PowerShuttle for driving direction change			●		
SenseClutch with 5 adjustment levels			○		
POWERSHIFT					
N° of speed - 4 gears		24+12		-	
N° of speed - 4 gears with creeper		48+24		-	
Maximum speed	km/h @ rpm	34 @ 2100		-	
Minimum speed	km/h @ rpm	3.02 @ 2100		-	
Minimum speed with creeper	km/h @ rpm	0.37 @ 2100		-	
N° of speed - 5 gears				30+15	
N° of speed - 5 gears with creeper				54+27	
Maximum speed 50 km/h	km/h @ rpm	50 @ 1970		50 @ 1871	
Maximum speed 40 km/h	km/h @ rpm	40 @ 1576		40 @ 1497	
Minimum speed	km/h @ rpm	3.02 @ 2100		3.18 @ 2100	
Minimum speed with creeper	km/h @ rpm	0.37 @ 2100		0.39 @ 2100	
SpeedMatch			●		
ComfortClutch			●		
Automatic Powershift (APS)			○		
RCSHIFT					
N° of speed - 5 gears with creeper			54+27		
Maximum speed 50 km/h	km/h @ rpm	50 @ 1530		50 @ 1453	
Maximum speed 40 km/h	km/h @ rpm	40 @ 1224		40 @ 1163	
Minimum speed with creeper	km/h @ rpm	0.37 @ 2100		0.39 @ 2100	
Automatic Powershift (APS)			●		
SpeedMatch			●		

● = standard ○ = option -- = not available

TECHNICAL DATA		SERIES 6G POWERSHIFT/RCSHIFT				
		6155 G	6165 G	6175 G	6185 G	6205 G
HYDRAULICS AND LINKAGE						
Open centre hydraulic system				●		
Fixed displacement pump flow (STD/OPT)	l/min		84/110		90/115	
Closed centre hydraulic system				○		
Load Sensing pump flow (STD/OPT)	l/min		120/160		125/165	
Hydraulic rear mechanical distributors	n°			2/3/4		
Rear lift capacity	kg			6200		
Rear lift capacity with optional assistor rams	kg			9700		
Flow regulator				○		
Free oil return rear				●		
Power Beyond				○		
Mechanical upper link				●		
Hydraulic upper link				○		
Telescopic stabiliser				●		
Automatic lower link stabilisers				○		
Front linkage				○		
Front linkage lifting capacity	kg			3850		
PTO						
Rear PTO 540/540ECO/1000/1000ECO				●		
Removable PTO shaft				●		
Auto PTO				●		
Front PTO 1000				○		
AXLES AND BRAKES						
Model			M40 HD		M50	
Suspended front axle				○		
Limited slip differential lock				●		
ASM and 100% differential lock				○		
Independent steering pump	l/min			44		
Performance Steering ready with EasySteer function				○		
Brake booster (PowerBrake)				●		
Mechanical parking brake				●		
Pneumatic trailer brake				○		
Hydraulic trailer 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)				○		

TECHNICAL DATA	SERIES 6G POWERSHIFT/RCSHIFT				
	6155 G	6165 G	6175 G	6185 G	6205 G
POWERVISION CAB					
Cab			PowerVision		
Mechanical cab suspension			○		
Air conditioning			●		
Multifunction armrest with gear lever			●		
Multifunction satellite armrest with MaxCom joystick (RCshift)			●		
iMonitor with 8"			○		
AUTO-TURN			○		
XTEND			○		
ISOBUS (with rear and in-cab connectors)			○		
VRC (Variable Rate Control)			○		
SC (Section Control) 255 sections			○		
SR20 GNSS receiver			○		
CTM connectivity module			○		
Radar			○		
Seat Max with mechanical suspension			● (Powershift)		
Seat Max-Comfort with pneumatic suspension			● (RCshift)		
Passenger seat			○		
Pre-arrangement for radio with antenna and loud speakers			●		
Halogen work lights			●		
LED work lights			○		
Beacon lights			○		
FRONT LOADER					
Pre-arrangement Light Kit			○		
Pre-arrangement Ready Kit (fast coupler Hydro-Fix; mechanical cross level and valve)			○		
Intermediate Kit			○		
Front loader model			FS 43-34 FZ 43-27 FZ 43-34		FZ 46-26
Overloading height			4110		4340
Breakout force 800 mm before the pivot point			4580 3540 4580		3840




TECHNICAL DATA	SERIES 6G POWERSHIFT/RCSHIFT				
	6155 G	6165 G	6175 G	6185 G	6205 G
DIMENSIONS AND WEIGHTS					
Front tyres (min.)		420/85 R28		540/65 R28	
Rear tyres (min.)		520/85 R38		650/65 R38	
Front tyres (max.)		540/65 R28		540/65 R30	
Rear tyres (max.)		650/65 R38		650/65 R42	
Wheelbase fixed front axle (A)	mm	2820		2890	
Wheelbase suspended front axle (A)		2770		2768	
Length (B)	mm	5371 (with front ballast)			
Height (max.) (C)	mm	3172		3222	
Width (min.-max.) (D)	mm	2428-2543		2533-2541	
Total unladen weight	kg	7000-7600			
Wheel weights		○			
Maximum permissible weight	kg	11500		12500	

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.



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