

6 SERIES



6130 - 6140 POWERSHIFT
6130 - 6140 TTV





THE NEW, COMPACT 6 SERIES
MODELS. SO THAT YOU CAN DO
ALL YOU HAVE TO DO.



6 SERIES		6130		6140	
		Powershift	TTV	Powershift	TTV
Maximum power (ECE R120)	kW / HP	93/126		100/136	
Rated Power	kW / HP	88.2/120		94.9/129	

The new 6 Series provides the best technology mix in its class. DEUTZ-FAHR has expanded the series with six compact, four-cylinder tractors in the low-horsepower category: the 6130 and 6140, each of which are available with TTV or PowerShift transmissions. From ploughing, sowing and cultivating to transporting, harvesting and front loader work – the new 6 Series tractors are as versatile as your daily work is varied. Maximum manoeuvrability, supreme efficiency and unparalleled operating comfort are trademark features of the new 6 Series. The modern bonnet design, LED light package and 8" iMonitor in the cab all blend in seamlessly with the complete model range. Like the existing 6 Series, the new, compact four-cylinder tractors come with powerful hydraulic

systems as well as a range of hydraulic attachment points at the front and rear. Ultra-efficient FARMotion 3.8 litre engines (Tier 4i) with an output from 126 to 136 HP (93 to 100 kW) ensure characteristically high performance and low fuel consumption. A variety of equipment options are available. The spacious cab provides the high level of operating and driving comfort that DEUTZ-FAHR has become known for. With the six new models in the range, DEUTZ-FAHR has added even more options to the technology mix. Businesses looking for a compact model that offers a wide range of features as well as comfort and convenience are guaranteed to find a perfectly suitable all-round tractor that matches their work profile and individual requirements.

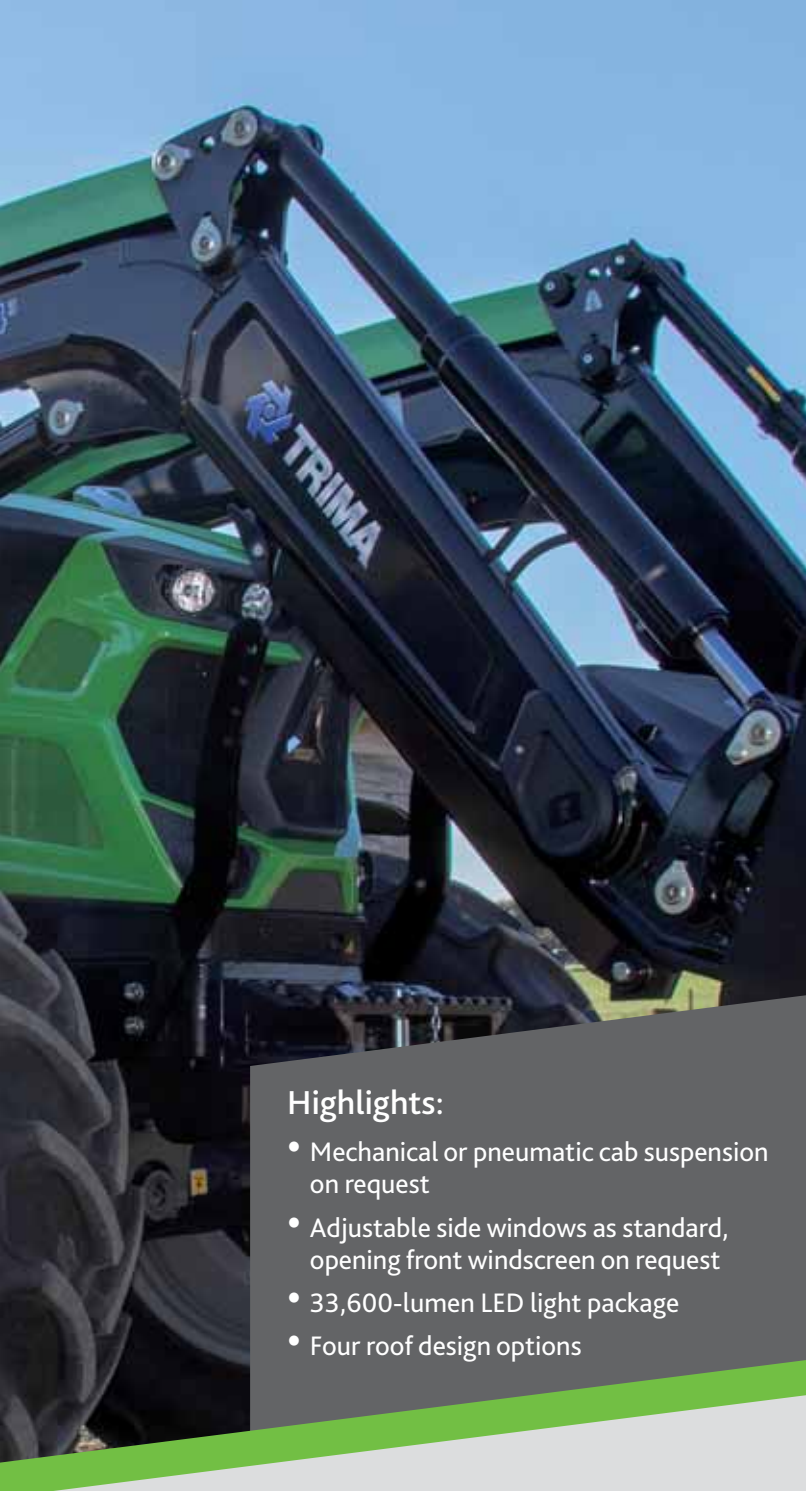
ROUTINE WORK ON YOUR FARM BEGINS AT DAWN EACH DAY. THE LIST OF JOBS IS LONG: FEEDING ANIMALS, CLEANING STALLS, PROCURING MATERIALS AND MUCH MORE. YOUR TIME IS LIMITED, AND SO IS YOUR SPACE. THERE IS A NEED FOR COMPACT TECHNOLOGY, MANOEUVRABILITY, VERSATILITY, SPEED AND OPERATING COMFORT. THANKS TO YOUR TAILOR-MADE 6 SERIES TRACTOR, YOU WILL BE ABLE TO REFLECT ON A GOOD DAYS WORK.







COMFORT CAB.
HELPING DRIVERS TO
GIVE THEIR ALL.



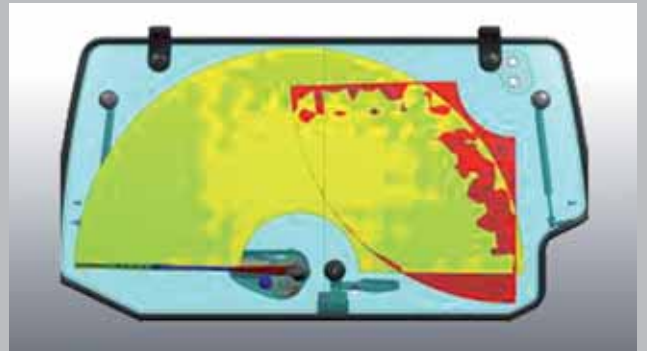
Highlights:

- Mechanical or pneumatic cab suspension on request
- Adjustable side windows as standard, opening front windscreen on request
- 33,600-lumen LED light package
- Four roof design options

What do drivers need to give their all at work each day? First of all: peace and quiet. This is something the new 6 Series models offer. The cabin, mounted on Hydro silent blocks, reduces noise and vibrations by up to 40%. For even more relaxed work, mechanical or pneumatic cab suspension can be fitted on request. Next, drivers need a pleasant working environment. No problem: you can choose between manually adjustable air conditioning or automatic climate control. Adjustable side windows are standard on all models, and an opening front windscreen is available on



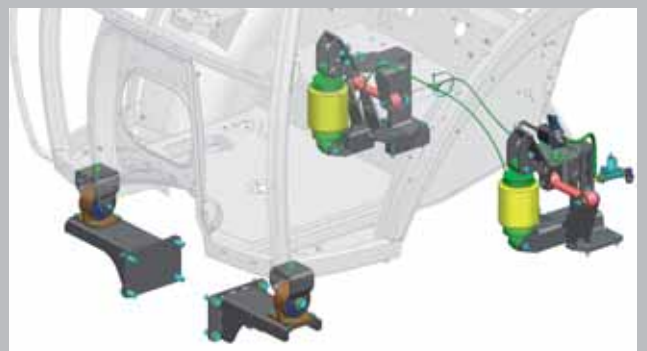
A choice of four roof designs: a transparent sunroof with or without FOPS and an opaque roof with or without FOPS.



Optimised wiper position on the rear screen – the best visibility in wet or dirty conditions. Now also available with defrost.



Choose between manual or automatic air conditioning.



Pneumatic cab suspension available upon request.

request. Then, of course, drivers need a perfect view of all working areas, whatever the conditions. This is a given, too. A 33,600-lumen LED lighting package turns night into day. For best visibility above the tractor during front loader operation, choose a model with a transparent sunroof – with FOPS. To improve rear visibility in wet conditions, the wiper position on the rear windscreen has been optimised. As you can see, DEUTZ-FAHR has given its utmost when it comes to comfort in the new 6 Series models so that drivers can also give their all.



A COMFORTABLE SPACE.
EVERYTHING IN VIEW.
EVERYTHING TO HAND.



Highlights:

- New MaxCom joystick (TTV models)
- 5" colour display on the new InfoCentre^{Pro}
- A choice of three seat designs
- Passenger seat with safety belt



Cutting-edge instrument panel with new InfoCentre^{Pro}. 5" LCD colour display and high resolution for a top-quality information concept customised by the user.



The TTV models are operated using the new MaxCom joystick. Four buttons can be assigned to any function.



Three seat designs are available.



All models have a passenger seat with safety belt.

Climb aboard and enjoy the space while at work. The interior of new 6 Series tractors boasts an impressive, brilliant design. All of the controls for the engine, transmission, power take-off, hydraulic control valves and the worklights as well as the MMS for the InfoCentre^{Pro} are within easy reach, built into the side console to the right of the driver. These are arranged logically depending on their frequency of use and clearly marked in different colours. The TTV models are operated using the new MaxCom joystick on the right armrest. The new InfoCentre^{Pro}

in the steering console features a 5" colour display. This provides the driver with a continuous flow of information about the operational status of the tractor. Mini-MMI or MMI can be used to call up various pages and make individual settings. Three seat designs are available: one with mechanical suspension, one with pneumatic suspension and a rotatable seat with pneumatic suspension. All models also have a passenger seat with safety belt. What is certain in any case is that every wish is catered for with the new 6 Series in terms of driving and operating comfort.



PRECISION FARMING.
PROGRAMMED FOR
EFFICIENCY.



Highlights:

- 8" iMonitor on the right pillar, adjustable
- Visual guidance system on request
- Assisted steering system with built-in steering angle sensor, factory-fitted
- ISO 11783 ISOBUS interface at the rear

The new 6 Series models can be fitted with the latest DEUTZ-FAHR Precision Farming systems. Highly efficient work is possible with accuracy down to 2 cm. Anywhere in the world, these tractors use satellite systems and correction signals with a single receiver – the Agrosky receiver. Alternatively, opt for the DEUTZ-FAHR manual visual guidance system. The DEUTZ-FAHR assisted steering system with integrated steering angle sensor is also available as an equipment option to increase the efficiency of the new 6 Series models. An ISO 11783 ISOBUS



Agrosky receiver: all GPS correction signals can be received with a single device.



Optional: the DEUTZ-FAHR assisted steering system with built-in steering angle sensor.



MMI console: convenient system control even when travelling over challenging terrain.



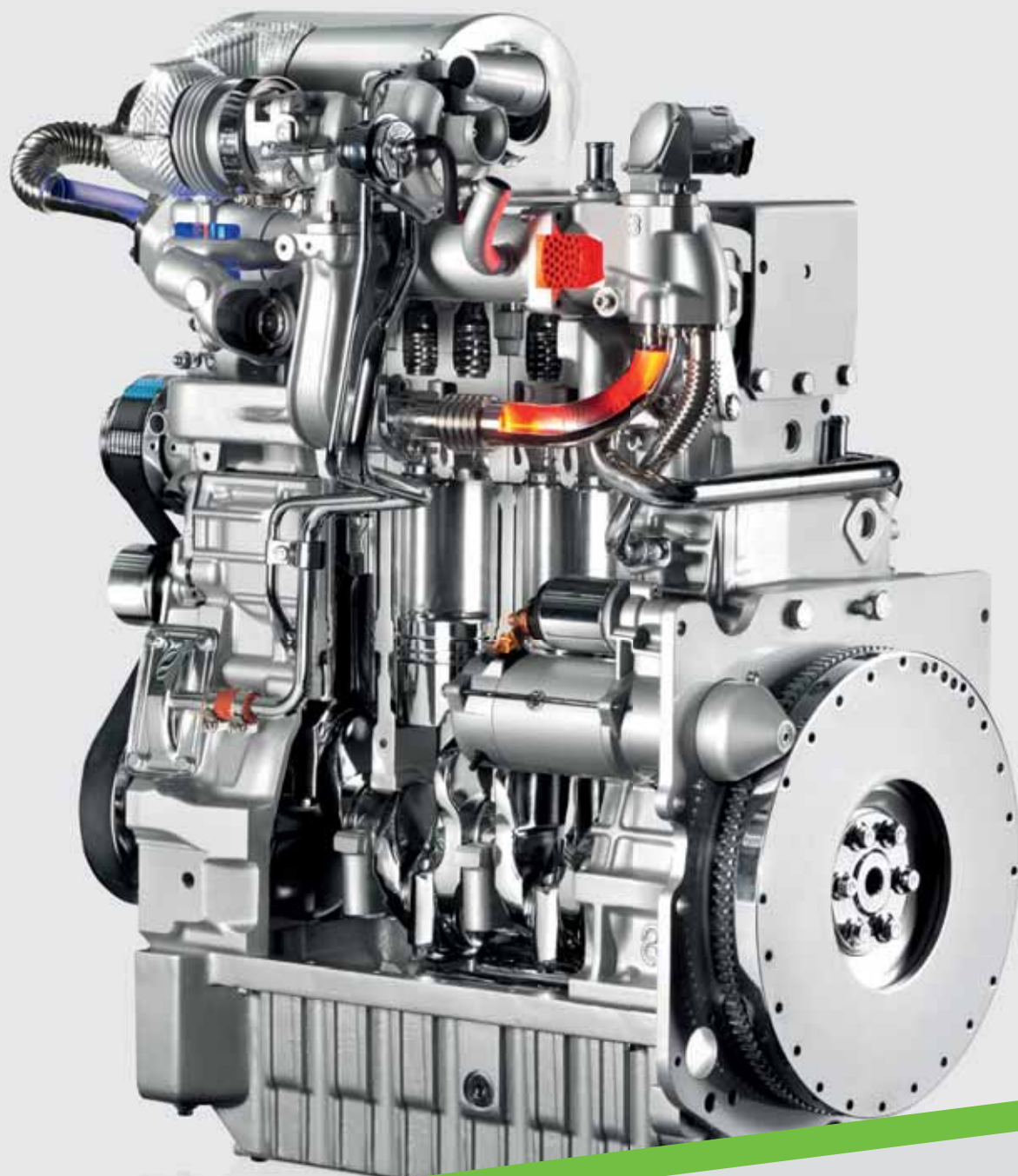
Unique operating comfort. The 8" iMonitor. Optional interface for all tractor and equipment functions.

interface at the rear makes your new 6 Series model digitally compatible with the implements of major manufacturers. Whatever you choose, all DEUTZ-FAHR Precision Farming systems are displayed on a single screen with an 8" monitor, including a camera image from one or two feeds, and can be operated using either touchscreen or the MMI console. The iMonitor is mounted on the right pillar and can be moved up or down for field work and road travel.

THE CROPS ARE READY. THE WEATHER IS RIGHT. BUT FOR HOW LONG? NOW EVERYTHING HAS TO WORK. TIME WILL GO VERY QUICKLY. THE HARVESTING CHAIN BEGINS: MOWING, TURNING, SWATHING AND BALING. YOUR NEW SERIES 6 TRACTOR IS AT THE HEART OF EVERYTHING. FLAWLESS TECHNIQUE. FLAWLESS WORKING COMFORT. IT'S NICE TO KNOW YOU CAN RELY ON EVERYTHING AND EVERYONE. THAT'S THE WAY TO REAP SUCCESS.







MAXIMUM EFFICIENCY
WITH THE DEUTZ-FAHR
FARMOTION ENGINE

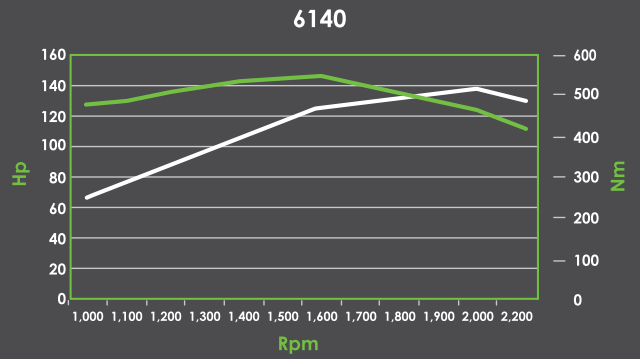


Highlights:

- Electronically controlled four-cylinder Tier 4i engines
- Compliance through the use of EGR (No AdBlue)
- High torque across broad engine rev range
- Electronic Visco fan
- Exhaust Brake for 40% more braking performance

Designed specifically for use in the agriculture sector, the 3.849cc FARMotion engine featuring tier 4i compliance is a 4 cylinder turbo intercooled, electronically controlled engine. The fuel supply system uses new 7-hole injectors and Common Rail technology with maximum operative pressures of up to 2000 bar. This maximises the immediate response to sudden load variations and at the same time decreases polluting emissions.

The new, sturdier FARMotion engines use cylinders with thicker, extractable liners and a new, forged steel crankshaft to make them more robust and give improved balance. The engine block has been strengthened for increased reliability and durability; this is appreciated most when working with a front-end loader.



Electronic engine control allows for the programming and saving of two engine RPM speed memory's. These can be recalled easily at any time at the press of a button.



The EGR uses a wastegate regulated by the engine control panel to single out the element of exhaust gas containing NOx emissions. It then cools the gases to prevent a decrease in combustion efficiency (power loss), before recirculating through the combustion chamber, thus minimising Nitrogen Oxides, one of the major contributing pollutants in Diesel engine combustion.

Maintenance of the FARMotion is now even easier, thanks largely in part, to the single, multi-purpose belt with automatic tensioner, and the automatic, hydraulic valve lash adjuster, both completely maintenance free.

Dedicated sensors constantly monitor and optimise all the operating parameters and diesel injection is adjusted to ensure a stable, constant performance when changing powershifts. The response to speed and load variations is rapid, direct and precise.

The engine has been designed to meet stringent emissions compliance standards, but without requiring any additional maintenance or engine additives. Through the use of a cooled Exhaust Gas Recirculation (EGR), the FARMotion engine achieves Tier 4i emissions compliance while maintaining optimum performance and minimum downtime.



TTV TRANSMISSION.
CONTINUOUSLY VARIABLE
FOR EASIER WORK.



Highlights:

- Three driving modes: manual, automatic and PTO
- Speed range from 0 to 50 km/h
- Active power-zero standby control

Maximum productivity with maximum driving and working comfort – the new 6 Series tractors can be fitted with modern, continuously variable TTV transmission technology. This mature concept has been tried and tested over the years and is now even more efficient thanks to new software. Three driving modes are available to allow the driver to adapt to every situation at work: manual, automatic and PTO. The overall speed range extends from 0 km/h to 50 km/h. For every kind of work, TTV transmission is extremely efficient at all speeds. The engine and transmission controls are perfectly coordinated and support user-defined settings. The active-power-zero standby control makes it possible to stop without activating the brake pedal or clutch. Every single detail of the TTV transmission has been specially designed to maximise the productivity of the new 6 Series models.



Proven and reliable transmission technology.



Two working modes (FIELD/TRANSPORT) can be selected electro-hydraulically.



Powershuttle with 5 adjustable settings for changes of direction without interruption of torque.



Max speed 50 km/h or 40 km/h at economy engine speed.

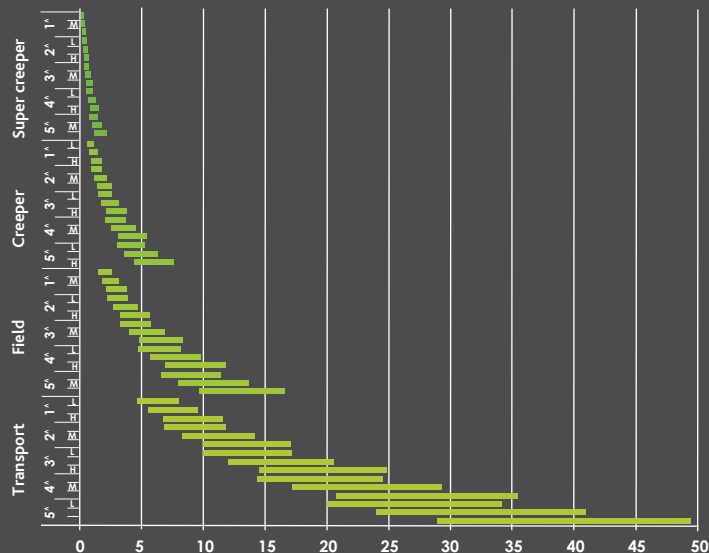


POWERSHIFT TRANSMISSION.
YOU HAVE COMPLETE
CONTROL.



Highlights:

- Five-speed gearbox with three load stages, APS and speed matching
- 30+30 or 60+60 speed versions available
- Stop&Go system for precise manoeuvring without using the clutch
- SenseClutch and ComfortClutch as standard




Key operating functions are integrated comfortably in the console.



Max speed 50 km/h or 40 km/h at economy engine speed.

Pure technology. Those who choose the new 6 Series PowerShift models will benefit from a solid, five-speed manual gearbox with three power-shift steps and speed matching among other comfort bonuses. Two versions are available: a 30+30 or a 60+60 speed version with creeper and supercreeper. These transmission systems also feature the electro-hydraulic power shuttle system with five-stage pre-selectable response characteristics (SenseClutch). This makes it possible to change the direction of travel without interrupting torque. The Stop&Go system

facilitates precise manoeuvring in tight spaces without the need to operate the clutch – a key advantage of the new 6 Series models in terms of convenience, especially for front loader work. The ComfortClutch system also makes it possible to change gears without using the clutch pedal. Naturally, the top speed is 50 km/h, 40 km/h can also be achieved with reduced engine speed. For farmers who appreciate robust gear-shifting technology and still want to do some things manually, the new 6 Series PowerShift models are the perfect choice.



SHORTER TRANSPORT TIMES MEAN GREATER PRODUCTIVITY. WITH THE NEW 6 SERIES MODELS, YOU CAN REALLY MAKE PROGRESS ON THE ROAD, IN COMPLETE SAFETY, WITH THE ADDED BONUS THAT FUEL CONSUMPTION REMAINS LOW. IT'S GOOD TO KNOW THAT YOU CAN RELY ON YOUR EQUIPMENT AT EVERY MOMENT.





SUSPENDED FRONT AXLE.
ALL SITUATIONS. A GRIP ON
EVERYTHING.



Highlights:

- Four-wheel drive and differential lock (100 %)
- Suspended front axle, optional
- SDD rapid steering system
- Four-wheel braking system, and hydraulic parking brake as standard
- Trailer brake

The front axles specially developed for the 120 to 140 HP class are new. These were developed with the aim of providing traction, grip and safety on all ground conditions and in all situations. Four-wheel and differential lock (100%) can be activated and deactivated by electro-hydraulic controls, and both are automatically controlled by the ASM system depending on steering angle and speed. All new 6 Series models can optionally be fitted with a suspended front axle. Double acting cylinders maintain a perfect levelling control and consequently an overall improvement to the effectiveness of the suspension. This significantly increases driving and working comfort as well as traction and safety



Hydraulic parking brake. A secure position wherever you park your new 6 Series tractor.



A hydraulic or pneumatic trailer brake ensures safe travelling with heavy loads.

both in the field and on the road. The SDD rapid steering system is also available for all new models. It halves the number of turns of the steering and makes manoeuvring much more efficient. As always with DEUTZ-FAHR, excellent safety features come as standard. The new 6 Series models are equipped with a four-wheel braking system, and a Hydraulic Parking Brake (HPB). A trailer brake (hydraulic or pneumatic) is available on request. For checking the stability of the tractor-trailer combination the Hydraulic Parking Brake can be decoupled at the touch of a button. This is to ensure the tractor can hold the overall weight of the trailer without a braking effect.

TILLING. FERTILISING. SOWING.
CULTIVATING. MODERN FIELD WORK IS
PRECISION WORK. PRECISE NAVIGATION,
PRECISE ATTACHMENT HANDLING,
PRECISE TRACTION AND PRECISE
WORKING SPEEDS. YOUR NEW 6 SERIES
MODEL DEALS PRECISELY WITH EVERY
TASK YOU HAVE TO COMPLETE. START
MAKING THE MOST OUT OF YOUR FIELDS.







AUTOMATIC OR MANUAL?
IT'S ALL A QUESTION OF
ADJUSTMENT.



Highlights:

- Three hydraulic packages with 22 equipment options available
- Factory-fitted integrated front linkage available on request (three versions)
- Lifting capacity of 2,880 kg at the front and 7,000 kg at the rear
- Up to four PTO speeds, front and ground-speed PTO on request

The new 6 Series tractors show the extent of their equipment versatility when it comes to the hydraulic systems. These can be configured to suit your exact needs. There is a choice of three hydraulic packages: a simple open centre system with a pump output of 90 l/min and mechanical control units, a 120 l/min load sensing package with mechanical control units or a 120 l/min load sensing package with electronic control units. Within these three basic packages, no fewer than 22 equipment options are available – from three mechanical control units to complete electro-hydraulic control of five double-acting control units, front linkage (with ComfortPack) and front loader. A factory-fitted front linkage is available as an option. This also exists in three versions: mechanically or electro-hydraulically controlled with optional ComfortPack. The maximum lifting capacity of the front linkage is 2,880 kg. The electro-hydraulically controlled



Electro-hydraulic control units as standard. Mechanical optional.



Impressive characteristics: a lifting capacity of up to 7,000 kg, Category III, electronic hitch control as standard.



The powerful front linkage can lift up to 2,880 kg. Also available: the ComfortPack with an additional control valve at the front.



Up to four PTO speeds at the rear, automatic PTO function. 1,000 rpm front PTO optional.

rear hitch can lift up to 7,000 kg. Four PTO speeds at the rear (540, 540ECO, 1000 and 1000ECO) are part of the standard equipment for the Powershift version, 3 for the TTV version. A 1,000 rpm front PTO and a ground-speed PTO are available on request. The automatic PTO function is included as standard. This activates or deactivates the PTO depending on the power lift position. The new 6 Series models offer everything for everyone. You can decide on the right equipment for you.



ADDITIONAL EQUIPMENT.
WHEN EVERYTHING IS NOT
ENOUGH.



1 Hydraulic packages with 22 equipment options, e.g. a front linkage with ComfortPack.



4 For even more versatility: optional front PTO.



2 LED light packages with up to 33,600 lumen - turn night into day.



5 The front loader can be integrated into the tractors pre-existing controls.



3 Agrosky Receiver. All GPS correction signals can be received by a single device.




6 Stop&Go and SDD rapid steering system.

You can choose from a wide range of additional equipment from the factory in order to optimise the new DEUTZ-FAHR 6 Series models for specific applications or to maximise comfort. From front ballasting, front hydraulics, a front PTO and front loader console to LED light

packages and Precision Farming systems – original equipment will ensure that everything is a perfect fit and the quality is right. If you have even more specific requirements, your DEUTZ-FAHR dealer will be pleased to help.





AT THE END OF THE DAY, WHEN THE HARVEST IS COMPLETE, YOU WILL SEE: IT PAID OFF TO TAILOR YOUR TRACTOR TECHNOLOGY TO EVERY ASPECT OF YOUR INDIVIDUAL WORK PROFILE. AND NO TRACTOR MANUFACTURER OFFERS MORE OPTIONS THAN DEUTZ-FAHR WITH THE 6 SERIES.

Technical data

6 SERIES AGROTRON

6130 TTV

6140 TTV

ENGINE

Engine	Type	FARMotion	FARMotion
Cylinders / Displacement	n°/cc	4 / 3.849	4 / 3.849
Aspiration	system	Turbo Intercooler	Turbo Intercooler
Injection @ pressure	type	Common Rail @ 2,000 bar	Common Rail @ 2,000 bar
Max. power @ 2,000 rpm	kW / Hp	93 / 126	100 / 136
Rated power @ 2,200 rpm	kW / PS	88.2 / 120	94.9 / 129
Max. torque @ 1,600 rpm	Nm	506	544
Torque rise	%	30	28
Viscstatic engine fan		●	-
Electronic viscstatic fan		○	●
Fuel tank capacity	Litres	185	185

TTV TRANSMISSION

Manufacturer		SDF	SDF
Model		T5451 CVT	T5451 CVT
Electro-hydraulic reverse shuttle Powershuttle with 5 adjustable settings		●	●
Speed ranges	No.	2 (field/transport) electro-hydraulic controls	2 (field/transport) electro-hydraulic controls
Max. speed	km/h	50 (40 with reduced engine speed)	50 (40 with reduced engine speed)
PowerZero system		●	●
Hydraulic parking brake		●	●
Electro-hydraulic four-wheel activation		●	●
Electro-hydraulic differential lock activation, front and rear		●	●
ASM system		●	●
Front axle		SDF 2.5	SDF 2.5
Front axle suspension		○	○
Rear PTO 540/540 Eco/1000		●	●
Front PTO 1000		○	○

HYDRAULICS SYSTEM

Delivery rate (Std/Optional)	Litres/min	90 open centre / 120 CCLS	90 open centre / 120 CCLS
Auxiliary control units at rear	No.	3 / 4 mechanical 4/5 electro-hydraulic	3 / 4 mechanical 4/5 electro-hydraulic
Electronically controlled rear hitch (EHR)		●	●
Lifting capacity of rear hitch	kg	5,000 7,000 with additional lifting cylinder	7,000
Rear hitch category		II / III	II / III
Front linkage		○	○
Lifting capacity of front linkage	kg	2,880	2,880
Pneumatic trailer braking system		○	○
Front loader Light and Ready Kit		○	○
Hydraulic trailer brake		○	○

CAB

Cab suspension		Hydro silent blocks/mechanical/pneumatic	Hydro silent blocks/mechanical/pneumatic
Instrument panel		InfoCentre ^{Pro}	InfoCentre ^{Pro}
8" iMonitor		○	○
Driver's seat		Mechanical/Pneumatic	Mechanical/Pneumatic
Air conditioning		●	●
Panoramic sunroof		○	○
FOPS sunroof		○	○
LED working headlights		○	○
SDD steering system		●	●

DIMENSIONS AND WEIGHTS

Wheelbase (A)	mm	2,550	2,550
Length (B)	mm	4,428	4,428
Height (C: centre of rear axle to roof)	mm	2,025	2,025
Maximum permitted total weight	kg	9,000	9,000



*Minimum length: from bonnet to rear lift arm in raised position / maximum length: from 1,000 kg front weights with front lift to rear lift arm in low position

**Min-max: depending on tyres and equipment

Technical data and images are provided for guidance only. DEUTZ-FAHR makes every effort to tailor its products more closely in line with your needs and therefore reserves the right to make updates at any time and without prior notice.

Top speed 50 km/h where permitted. Top speed 40/50 km/h with reduced engine speed depending on tyres.

Technical data

6 SERIES AGROTRON

6130 POWERSHIFT

6140 POWERSHIFT

ENGINE

Engine	type	FARMotion	FARMotion
Cylinders / Displacement	n°/cc	4 / 3.849	4 / 3.849
Aspiration	system	Turbo Intercooler	Turbo Intercooler
Injection @ pressure	type	Common Rail @ 2,000 bar	Common Rail @ 2,000 bar
Max. power @ 2,000 rpm	kW / Hp	93 / 126	100 / 136
Rated power @ 2,200 rpm	kW / Hp	88.2 / 120	94.9 / 129
Max. torque @ 1,600 rpm	Nm	506	544
Torque rise	%	30	28
Viscstatic engine fan		●	-
Electronic Viscstatic fan		○	●
Fuel tank capacity	Litres	200	200

POWERSHIFT TRANSMISSION

Manufacturer		SDF	SDF
Model		T5450	T5450
Electro-hydraulic reverse shuttle Powershuttle with 5 adjustable settings		●	●
5-speed gearbox with triple Powershift speeds		●	●
Number of speeds	FW+RV	30+30	30+30
Number of speeds with underdrive and supercreeper gear	FW+RV	60+60	60+60
Max. speed	km/h	50 (40 with reduced engine speed)	50 (40 with reduced engine speed)
Stop&Go system		●	●
Hydraulic parking brake		●	●
Electro-hydraulic four-wheel activation		●	●
Electro-hydraulic differential lock activation, front and rear		●	●
ASM system		●	●
Front axle		SDF 2.5	SDF 2.5
Front axle suspension		○	○
Rear PTO 540/540 Eco/1000/1000 Eco		●	●
Front PTO 1000		○	○

HYDRAULICS SYSTEM

Delivery rate (Std/Optional)	Litres/min	90 open centre / 120 CCLS	90 open centre / 120 CCLS
Auxiliary control units at rear	No.	3 / 4 mechanical 4/5 electro-hydraulic	3 / 4 mechanical 4/5 electro-hydraulic
Electronically controlled rear hitch (EHR)		●	●
Lifting capacity of rear hitch	kg	5,000 7,000 with additional lifting cylinder	7,000
Rear hitch category		II / III	II / III
Front linkage		○	○
Lifting capacity of front linkage	kg	2,880	2,880
Pneumatic trailer braking system		○	○
Front loader Light and Ready Kit		○	○
Hydraulic trailer brake		○	○

CAB

Cab suspension		Hydro silent blocks/mechanical/pneumatic	Hydro silent blocks/mechanical/ pneumatic
Instrument panel		InfoCentre ^{Pro}	InfoCentre ^{Pro}
8" iMonitor		○	○
Driver's seat		Mechanical/Pneumatic	Mechanical/Pneumatic
Air conditioning		●	●
Panoramic sunroof		○	○
FOPS sunroof		○	○
LED working headlights		○	○
SDD steering system		●	●

DIMENSIONS AND WEIGHTS

Wheelbase (A)	mm	2,550	2,550
Length (B)	mm	4,428	4,428
Height (C: centre of rear axle to roof)	mm	2,025	2,025
Maximum permitted total weight	kg	9,000	9,000



*Minimum length: from bonnet to rear lift arm in raised position / maximum length: from 1,000 kg front weights with front lift to rear lift arm in low position

**Min-max: depending on tyres and equipment

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Top speed 50 km/h where permitted. Top speed 40/50 km/h with reduced engine speed depending on tyres.

Dealer

ciagreen

Marketing-Communication Service – Code 308.8331.3.4-2 – 4/2018

For further information, please contact your dealer or visit us
online at deutz-fahr.com.

DEUTZ-FAHR is a brand of  SDF

