

# 6 SERIES

4 CYLINDER



DEUTZ-FAHR  
6130 - 6140 POWERSHIFT  
6130 - 6140 TTV





**THE 6 SERIES 4 CYLINDER RANGE  
GIVES YOU THE POWER AND THE  
SIZE TO GET THE JOB DONE!**



6 SERIES		6130		6140	
		Powershift	TTV	Powershift	TTV
Maximum power (ECE R120)	kW / HP	95.3/126		100.1/136	

The 6 Series 4 cylinder range provides the best technology mix in its class. DEUTZ-FAHR has expanded its series offering two models with the 6130 (126hp) and 6140 (136hp), each of which are available with TTV or PowerShift transmissions. From ploughing, sowing and cultivating to transporting, harvesting and front loader work, the 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 DEUTZ-FAHR 6 Series.

Like the 6 cylinder 6 Series, the high horsepower 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 3) with an output from 126 to 136 HP (95 to 100 kW), ensure characteristically high performance and low fuel consumption.

The spacious cab provides the high level of operating and driving comfort that DEUTZ-FAHR is renowned for. With five models in the range, DEUTZ-FAHR has added even more options to the technology mix.

Businesses looking for a tractor that offers a wide range of features as well as comfort and convenience, are guaranteed to find a perfectly suitable all-round tractor to match their work profile and individual requirements.



**SETTING NEW STANDARDS  
FOR VISION, COMFORT AND  
ERGONOMICS.**



### Highlights:

- New PowerCom S joystick (TTV models)
- 5" colour display on the new InfoCentre<sup>Pro</sup>
- Cab suspension standard on all models
- Passenger seat with safety belt

Comfort and quiet are essential for drivers who work long days and nights. DEUTZ-FAHR addresses these important issues; the 6 Series models are fitted as standard with cab suspension that reduces noise and vibrations by up to 40%.

The work space of the 6 Series 4 cylinder tractors boasts an impressive design. All of the controls for the engine, transmission, power take-off, hydraulic control valves and the light, as well as the MMS for the InfoCentrePro are within easy reach, built into the side console to the right of the driver.

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.

In terms of driver and operator comfort the new 6 Series offers comfort, quiet and ease of use at your fingertips.



Cutting-edge instrument panel with new InfoCentre<sup>Pro</sup>: 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 PowerCom S joystick. Three buttons can be assigned to any function.



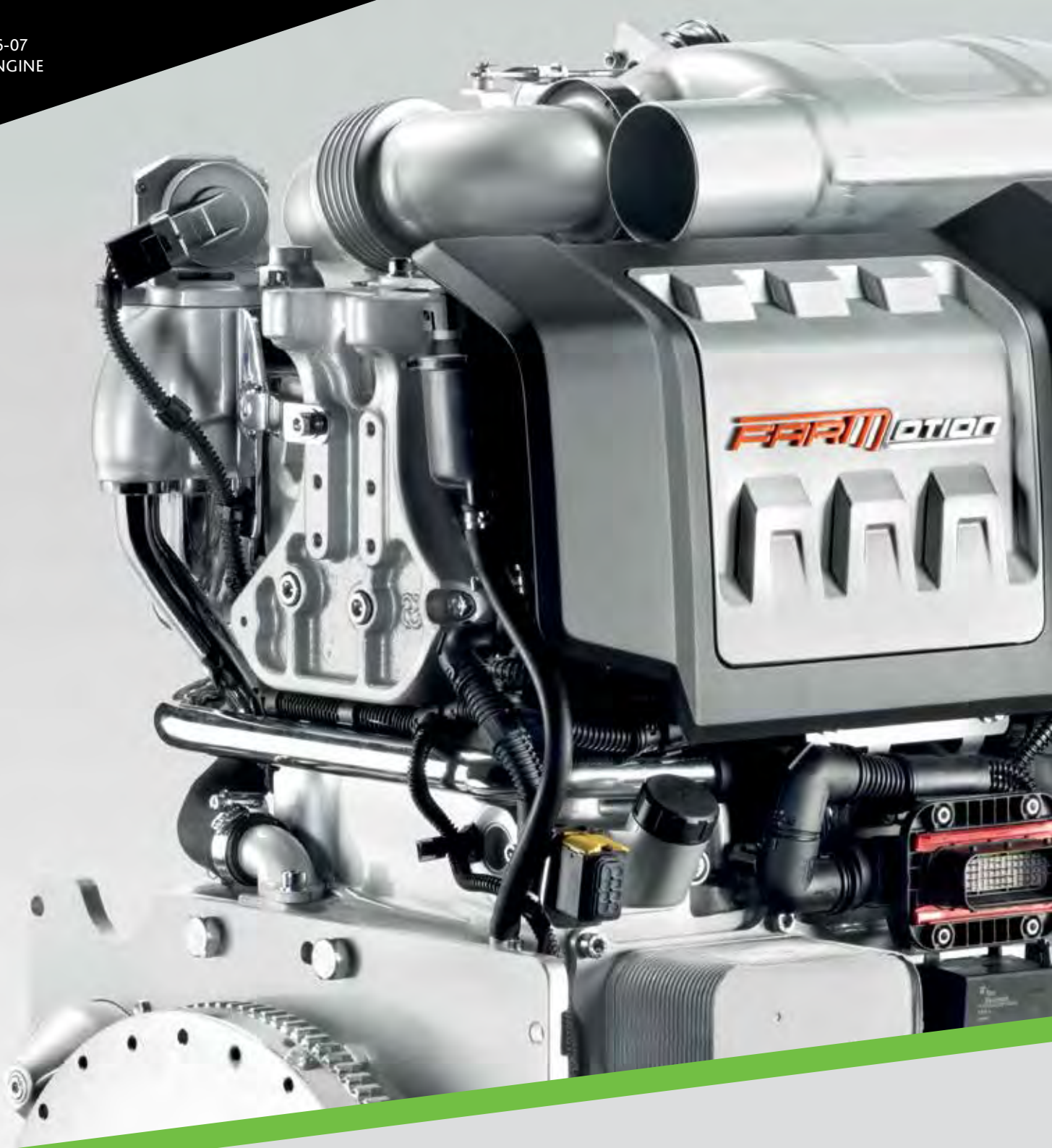
All models have a passenger seat with safety belt.



All models are fitted with cab suspension to improve ride quality of up to 40%.

The cab provides excellent all round visibility, but for loader work a transparent glass sunroof can be provided as an option.

The rear visibility has been improved still further by optimising the position of rear wiper, providing another example of DEUTZ-FAHR's attention to detail.

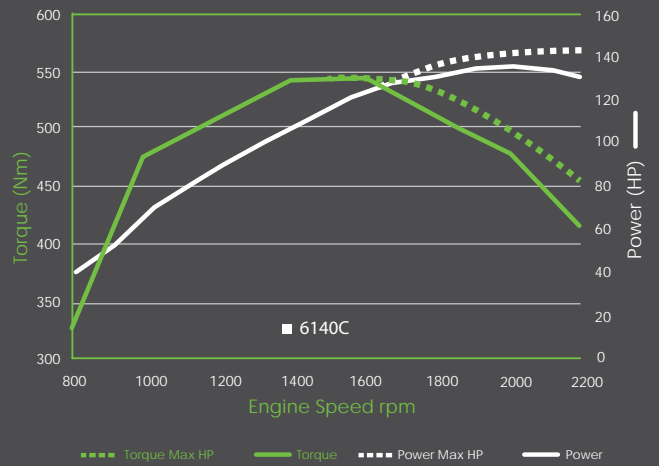


## POWERFUL AND EFFICIENT 4 CYLINDER COMMON RAIL ENGINES



### Highlights:

- Electronically controlled four-cylinder Tier 3 engines
- High torque across a wide range of engine speeds
- Common Rail injection system
- 2 speed engine programming function



2 Speed engine programming function allowing the operator to set and retrieve desired RPM

Designed specifically for use in the agriculture sector, the 3.849cc FARMotion engine featuring tier 3 compliance, is a 4 cylinder turbo inter-cooled, 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 improve balance. The engine block has been strengthened for increased reliability and durability; a valuable improvement when working with a front-end loader.

Maintenance of the FARMotion is now even easier, thanks 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 power shifts. The response to speed and load variations is rapid, direct and precise.





**THE CHOICE OF TRANSMISSION IS YOURS WITH A CHOICE BETWEEN A POWERSHIFT OR TTV**





Electro-hydraulic Powershuttle Sense Clutch with modulation for precise and safe changes of direction while driving and with load without interruption of torque.



Powershift transmission - proven and reliable technology.

### Highlights:

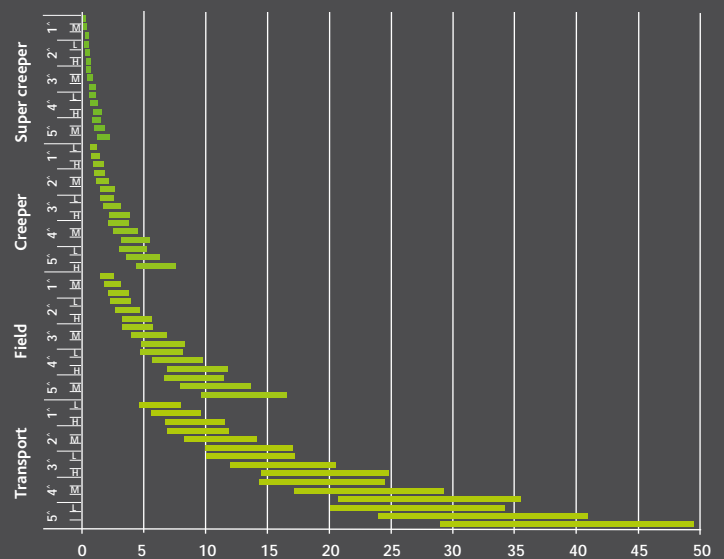
#### POWERSHIFT MODEL

- 17 working speeds between 5 - 20 km/h
- Stop & Go function
- Automatic powershift
- Speed matching

#### TTV MODEL

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

### Powershift Speed Chart



The new 6 Series PowerShift models have 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 super-creeper.

These transmission systems also feature the electro-hydraulic power shuttle system with five-stage pre-selectable response characteristics (Sense Clutch). This makes it possible to change their direction of travel without interrupting torque.

The Stop&Go system facilitates precise manoeuvring in tight spaces, without the need to operate the clutch. This is a key advantage of the new 6 Series models in terms of convenience, particularly during front loader work.

The Comfort Clutch system makes it possible to change gears without using the clutch pedal. The top speed is 50 km/h on selected models but 40 km/h can also be achieved with a reduced engine speed.

For farmers who appreciate robust gear-shifting technology and still want perform some operations manually, the new 6 Series PowerShift models are the perfect choice.

The continuously variable TTV transmission provides greater speed and flexibility and may be a preferred option. This mature concept has been tried and tested over the years and is 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. The TTV transmission is extremely efficient at all speeds.

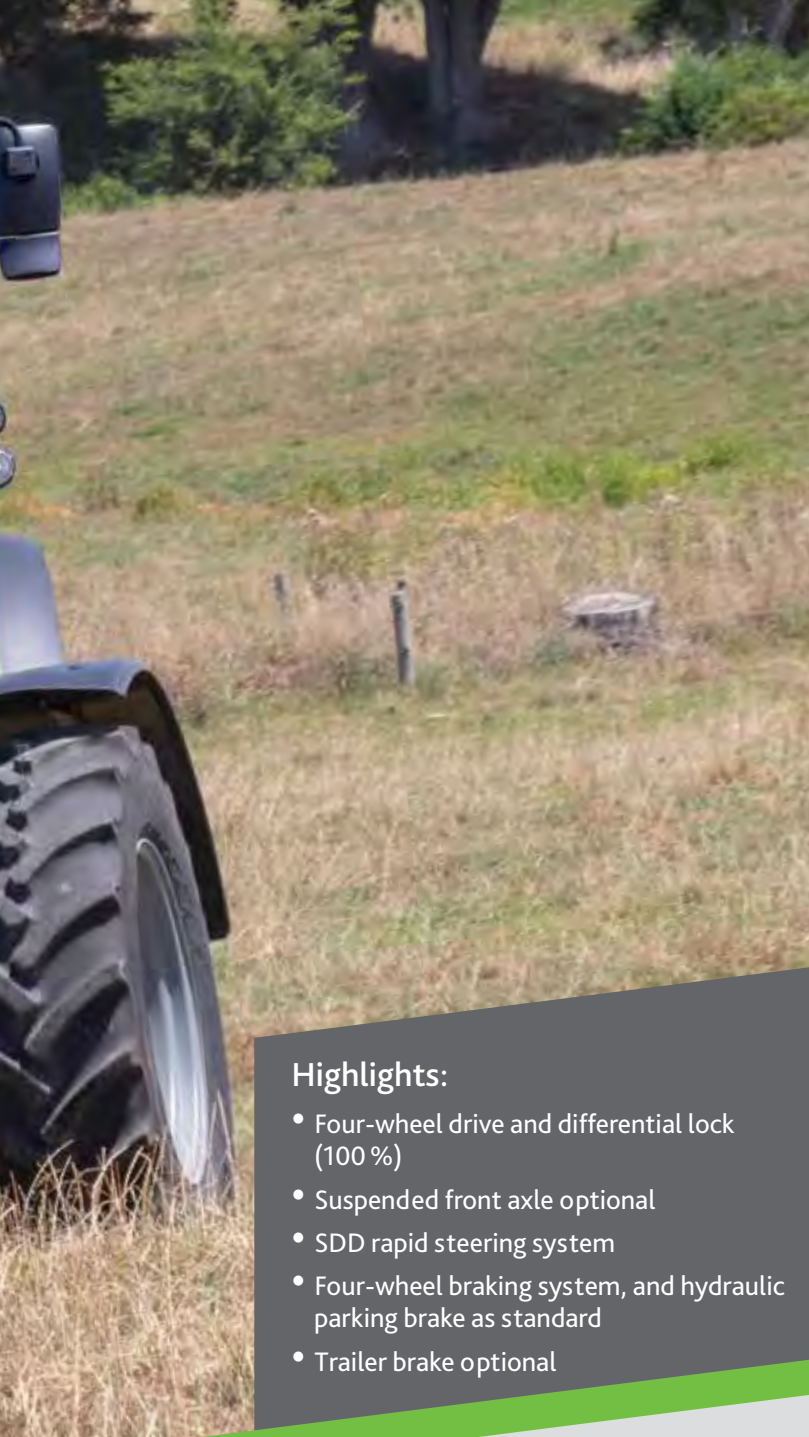
The engine and transmission controls are perfectly coordinated and support user-defined settings.

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 designed to maximise the productivity of the 6 Series models.



**A STRONG FRONT AXLE FOR  
MANOEUVRABILITY, SAFETY  
AND COMFORT.**



### 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 optional

The front axles have been specifically developed for the 130 to 140HP class. These axles are designed to provide traction, grip and safety in all ground conditions and situations. Four-wheel drive and (100%) differential lock can be activated and deactivated by electro-hydraulic controls, and both are automatically controlled by the ASM system, depending on steering angle and speed. The wet disc brakes of the front axle combine with the rear wet disc brakes to enable the 4 wheels to have premium stopping power.



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



SDD Steering reducing revolutions of steering wheel to two and a half turns to go from one lot to the next.



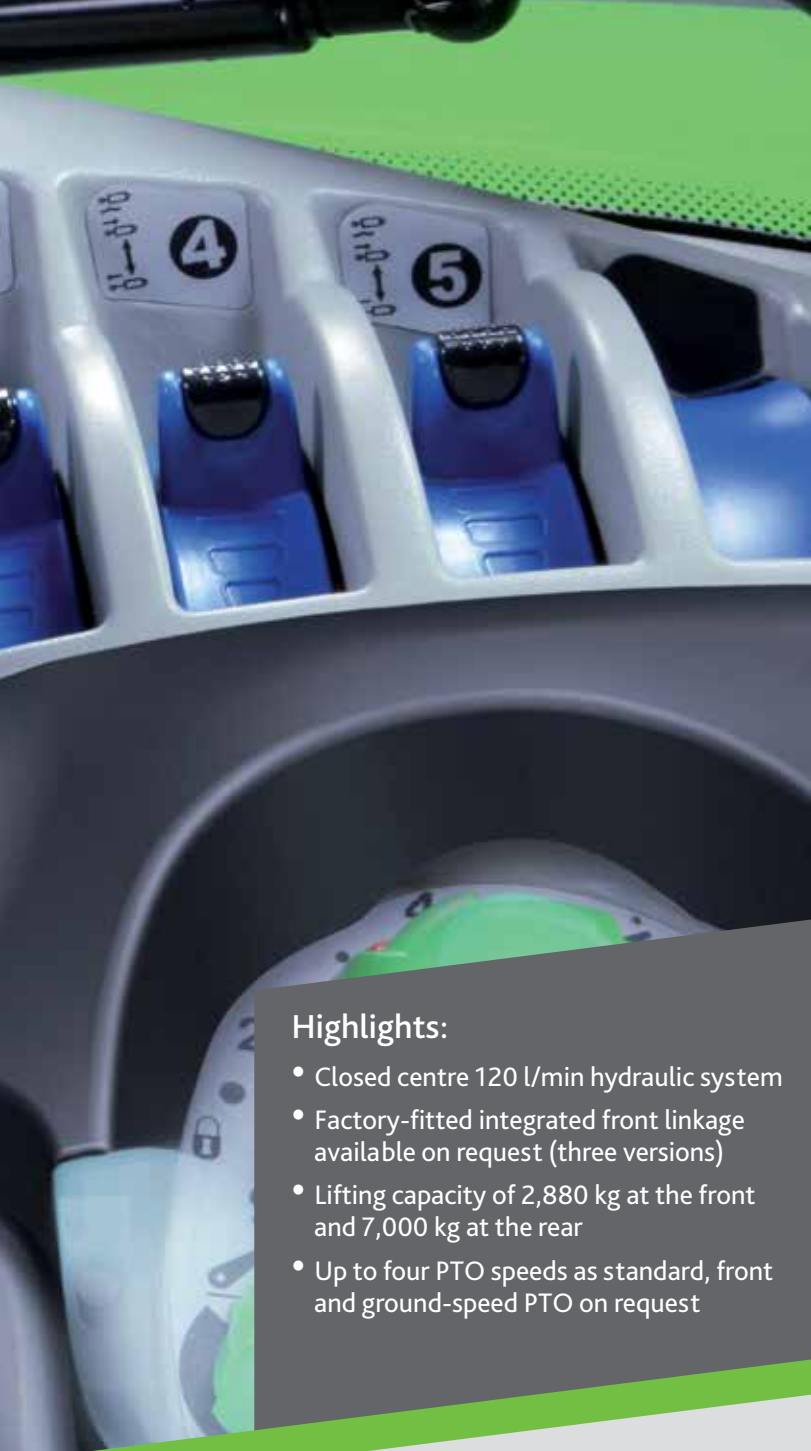
Four wheel wet disc brakes to give superb stopping power.

All 50km/h tractors are 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, both in the field and on the road.

The SDD rapid steering system is another standard feature; this function halves the number of turns of the steering wheel and makes manoeuvring more efficient. DEUTZ-FAHR's excellent safety features come as standard.



**HIGH CAPACITY CLOSED  
CENTRE HYDRAULICS TO  
MEET ALL DEMANDS.**



### Highlights:

- Closed centre 120 l/min hydraulic system
- 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 as standard, front and ground-speed PTO on request



Mechanical or electro-hydraulic equipment control. The choice is yours.



Impressive characteristics: a lifting capacity of up to 7,000 kg and Category II hook ends.



Easy to use electronic hitch controls.

The 4 cylinder 6 Series tractors show the extent of their equipment versatility when it comes to the hydraulic systems.

A 120l/min closed centre system is standard across the range. The models available in Australia provide a choice between a mechanical, simple to use lever option to control your auxiliary rear remotes, or an electronic system which gives timer and flow controllability from inside the cabin.

The electro-hydraulically controlled rear hitch can lift up to 7,000 kg. This system is easy to use through the logical control unit located in the cabin. The rear push buttons are located on the rear guards.

An optional front linkage can be fitted with a capacity of 2,880 kg.

High quality front-end loaders, standard with euro hitch, third function and soft ride can be optioned. The loaders work at quick cycle times due to the high flow, closed centre flow hydraulic system.

Four PTO speeds at the rear (540, 540ECO, 1000 and 1000ECO) are standard equipment for the PowerShift version, and three PTO speeds (540, 540ECO and 1000) for the TTV version. The automatic PTO function is included as standard. This activates or deactivates the PTO depending on the power lift position.

The 6 Series 4 cylinder range offers everything for everyone. You can decide on the right equipment for you.



**AFTER PURCHASE: THE  
DEUTZ-FAHR DEALER  
IS THERE FOR YOU!**



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 end loader can be integrated from the factory upon request.



3 Agrosky GPS. Tractor can be steered hydraulically or by an electric steering wheel.

CAN WE ADD  
ANYTHING  
ELSE?

It's a long-term commitment. When you purchase a DEUTZ-FAHR tractor, feel assured, you will have service and support from an extensive dealer network. All brand new DEUTZ-FAHR tractors have a 2yrs/2000hr warranty, with an option to purchase an Aftercare policy to give a total of 5yrs/5000hr warranty. All DEUTZ-FAHR dealers have factory trained technicians who handle everything from routine scheduled maintenance to major service and overhauls.

A dedicated, "State of the art" parts warehouse is based in Melbourne enabling a quick supply of parts around the country. If a part is not stocked here in Australia, it may be sourced from our warehouse in New Zealand or flown from Germany, ensuring downtime is at a minimum. The worldwide team at Deutz-Fahr is behind you.

Technical data		6 SERIES TTV	
		6130 TTV	6140 TTV
<b>ENGINE</b>			
Manufacturer		Deutz-Fahr	Deutz-Fahr
Model		FARMotion	FARMotion
Emission level		Tier 3	Tier 3
Cylinders / Displacement	Anz./cm <sup>3</sup>	4 / 3,849	4 / 3,620
Turbocharger with intercooler		●	●
Common Rail injection pressure	bar	2,000	2,000
Max. power @ 2,000 rpm	kW / PS	94 / 126	100.1 / 136
Rated power @ 2,200 rpm	kW / PS	89.5 / 120	96.9 / 130
Max. torque @ 1,600 rpm	Nm	508	544
Torque increase	%	30%	28%
Visco fan		●	●
Exhaust gas recirculation (EGR)		External	External
Fuel tank capacity	Litres	200	200
<b>TTV TRANSMISSION</b>			
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		○	○
<b>HYDRAULICS SYSTEM</b>			
Delivery rate	Litres/min	120 LS closed centre	120 LS closed centre
Auxiliary control units at rear	No.	4/5 electro-hydraulic	4/5 electro-hydraulic
Electronically controlled rear hitch (EHR)		●	●
Lifting capacity of rear hitch	kg	5,000 7,000 with additional lifting cylinder	5,000 7,000 with additional lifting cylinder
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 valve		○	○
<b>CAB</b>			
Cab suspension		Mechanical	Mechanical
Instrument panel		InfoCentre <sup>Pro</sup>	InfoCentre <sup>Pro</sup>
8" iMonitor		○	○
Driver's seat		Pneumatic	Pneumatic
Air conditioning		●	●
Panoramic sunroof		●	●
LED working headlights		○	○
SDD steering system		●	●
<b>DIMENSIONS AND WEIGHTS</b>			
Wheelbase	mm	2,550	2,550
Length	mm	4,428	4,428
Height (centre of rear axle to roof)	mm	2,025	2,025
Tractor weight	kg	5,850	5,950

●: Standard ○: Optional -: Not available

\*: depending on standard or optional equipment.





\*Minimum length: from bonnet to rear lift arm in raised position / Maximum length: from 1,000 kg front ballast with front lift to rear lift arm in low position  
 \*\*Min-max: depending on tyres and equipment

Technical data		6 SERIES POWERSHIFT	
		6130 POWERSHIFT	6140 POWERSHIFT
<b>ENGINE</b>			
Manufacturer		Deutz-Fahr	Deutz-Fahr
Model		FARMotion	FARMotion
Emission level		Tier 3	Tier 3
Cylinders / Displacement	Anz./cm <sup>3</sup>	4 / 3,849	4 / 3,849
Turbocharger with intercooler		●	●
Deutz Common Rail (DCR) injection pressure	bar	1,600	1,600
Max. power @ 2,000 rpm	kW / PS	94 / 126	100.1 / 136
Rated power @ 2,200 rpm	kW / PS	89.5 / 120	96.9 / 130
Max. torque @ 1,600 rpm	Nm	508	544
Torque increase	%	30%	28%
Visco fan		●	●
Exhaust gas recirculation (EGR)		External	External
Fuel tank capacity	Litres	200	200
<b>POWERSHIFT TRANSMISSION</b>			
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		○	○
<b>HYDRAULICS SYSTEM</b>			
Delivery rate	Litres/min	120 LS closed centre	120 LS closed centre
Auxiliary control units at rear	No.	4 mechanical	4 mechanical
Electronically controlled rear hitch (EHR)		●	●
Lifting capacity of rear hitch	kg	5,000	5,000
		7,000 with additional lifting cylinder	7,000 with additional lifting cylinder
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 valve		○	○
<b>CAB</b>			
Cab suspension		Hydro silent blocks/mechanical	Mechanical
Instrument panel		InfoCentre <sup>Pro</sup>	InfoCentre <sup>Pro</sup>
8" iMonitor		○	○
Driver's seat		Pneumatic	Pneumatic
Air conditioning		●	●
Panoramic sunroof		○	●
LED working headlights		○	○
SDD steering system		●	●
<b>DIMENSIONS AND WEIGHTS</b>			
Wheelbase	mm	2,550	2,550
Length	mm	4,428	4,428
Height (centre of rear axle to roof)	mm	2,025	2,025
Tractor weight	kg	5,700 40km/h   5,800 50km/h	5,800

●: Standard ○: Optional -: Not available

\*: depending on standard or optional equipment.



\*Minimum length: from bonnet to rear lift arm in raised position /Maximum length: from 1,000 kg front ballast 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. For exact specifications consult your local DEUTZ-FAHR dealer.



# GO FAHR GO FURTHER

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