

# 6 SERIES



DEUTZ-FAHR  
6130 - 6140 POWER SHIFT  
6130 - 6140 TTV



*SOME OPTIONS AND/OR SPECIFICATIONS SHOWN MAY NOT BE AVAILABLE IN ALL MARKETS*





THE NEW, SMALL FRAME 6 SERIES  
MODELS... FUEL-EFFICIENT,  
POWERFUL AND COMFORTABLE





| 6 SERIES      |    | 6130       |     | 6140       |     |
|---------------|----|------------|-----|------------|-----|
|               |    | Powershift | TTV | Powershift | TTV |
| Maximum power | HP | 126        |     | 136        |     |

The new 6 Series provides the best technology mix in its class. DEUTZ-FAHR has expanded the series with three small frame, 4-cylinder tractors in the mid-range power category: the 6130 and 6140. From plowing, planting and cultivating to transporting, harvesting and front loader work – the new 6 Series tractors are as versatile as your daily work is varied. Maximum maneuverability, supreme efficiency and unparalleled operating comfort are trademark features of the new 6 Series. The modern hood design, robust light package and available 8" iMonitor in the cab all blend in seamlessly. Like the existing 6 Series Agrotion, the new small frame 4-cylinder tractors come with powerful hydraulic systems as well as a range

of implement attachment points at the front and rear. Powerful and reliable FARMotion 3.8 engines (Tier4) with outputs from 126 to 136 HP ensure characteristically high performance and low fuel consumption. A variety of equipment options are also available. The spacious cab provides the high level of operating and driving comfort for which DEUTZ-FAHR has become known. With the 2 new models in the range, DEUTZ-FAHR has added even more options to its technology mix. Farmers looking for a mid-range tractor 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, MANEUVERABILITY, 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.



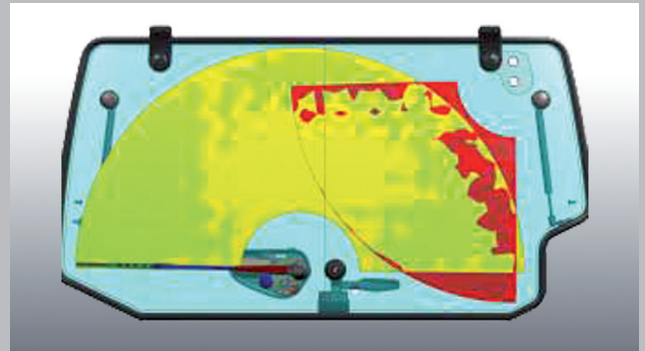


### Highlights:

- Mechanical or "Hydro Silent-Block" cab suspension is standard
- Large windows surround the operator for excellent visibility in all directions
- Robust field light package
- Aggressive Deutz-Fahr family styling



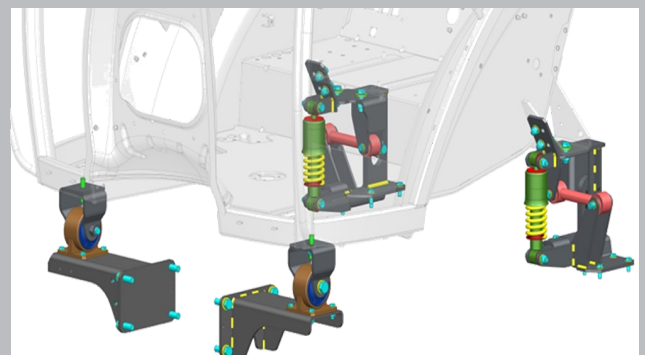
A transparent opening sunroof provides unobstructed view of a fully raised loader.



Optimised wiper position on the rear screen – the best visibility in wet or dirty conditions.



Highly capable HVAC system keeps the inside climate comfortable in all weather conditions.



Mechanical or Hydro Silent-Block cab suspension standard.

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 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 large windows surround the operator to give a perfect view of all

working areas, regardless of the conditions. This is a given, too: a robust lighting package turns night into day to keep the 6 Series working and producing. An adjustable, air-suspended seat keeps the operator comfortable on long days in the field. For best visibility above the tractor during front loader operation, each model has a transparent sunroof that opens. To improve rear visibility in wet conditions, the rear wiper position has been optimised. As you can see, DEUTZ-FAHR has given its best when it comes to comfort in the 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" color display on the new InfoCentre<sup>Pro</sup>
- Air-suspended, adjustable seat
- Instructor's seat with safety belt



Cutting-edge instrument panel with new InfoCentre<sup>Pro</sup>: 5" LCD color 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.



Adjustable, air-suspended seat offers extreme comfort.



All models have an instructor's 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 light as well as the MMS for the InfoCentre<sup>Pro</sup> 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 colors. The TTV models are operated using the new MaxCom joystick in the right armrest. The new InfoCentre<sup>Pro</sup>

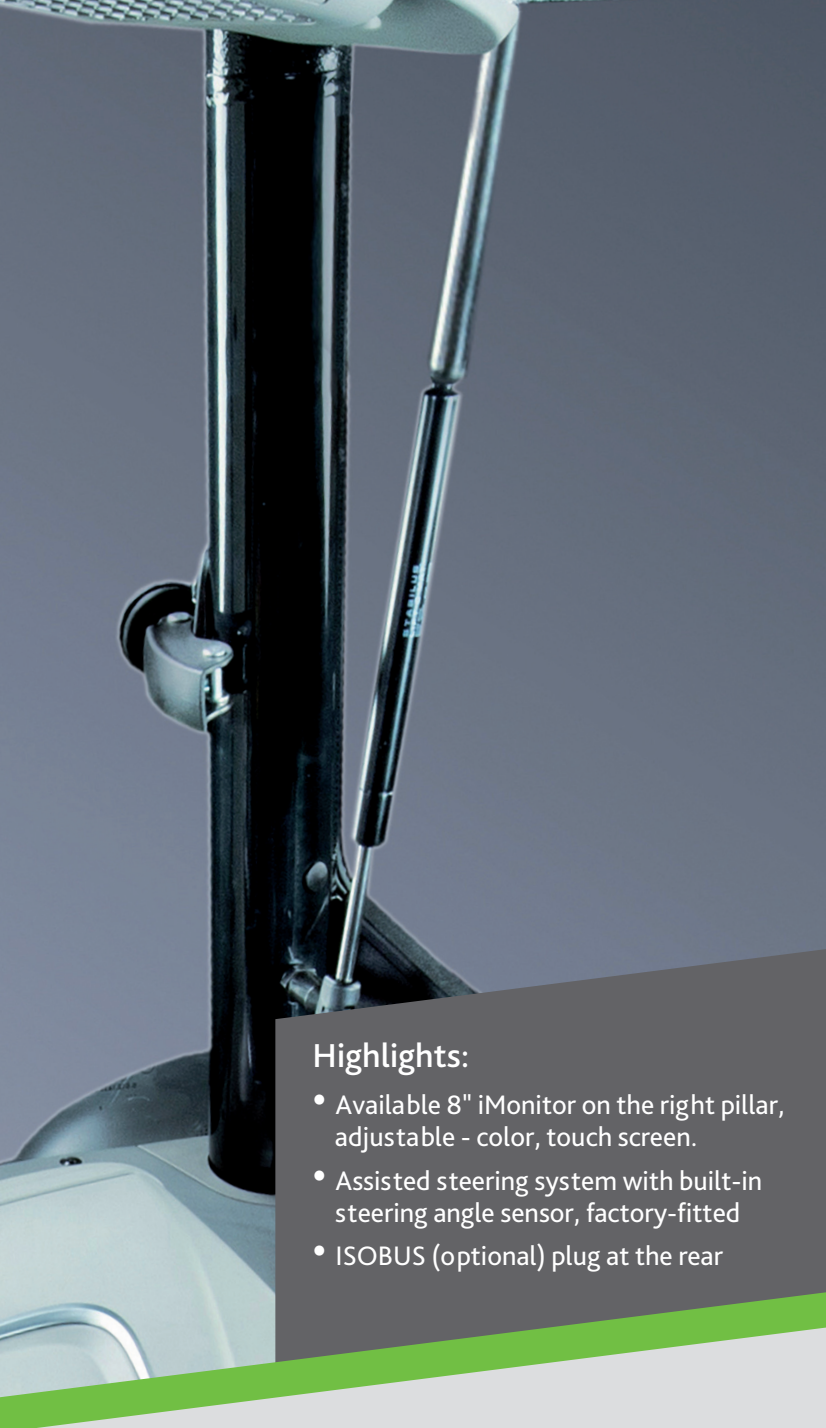
in the front dash console features a 5" color display. This provides the driver with a continuous flow of information about the operational status of the tractor. Mini-MMI or MMI can be used to call up various pages and make individual settings. An adjustable air-suspension seat with seat belt offers the best comfort for long days in the saddle. All models also have an instructor's 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:

- Available 8" iMonitor on the right pillar, adjustable - color, touch screen.
- Assisted steering system with built-in steering angle sensor, factory-fitted
- ISOBUS (optional) plug at the rear



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.

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 less than 1 inch. Anywhere in the world, these tractors use satellite systems and correction signals with a single receiver – the Agrosky receiver. 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 ISOBUS

plug at the rear makes your new 6 Series model digitally compatible with the implements of other manufacturers. Whatever you choose, all DEUTZ-FAHR Precision Farming systems can be displayed on a single screen with the optional 8" monitor, including a camera image, 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.



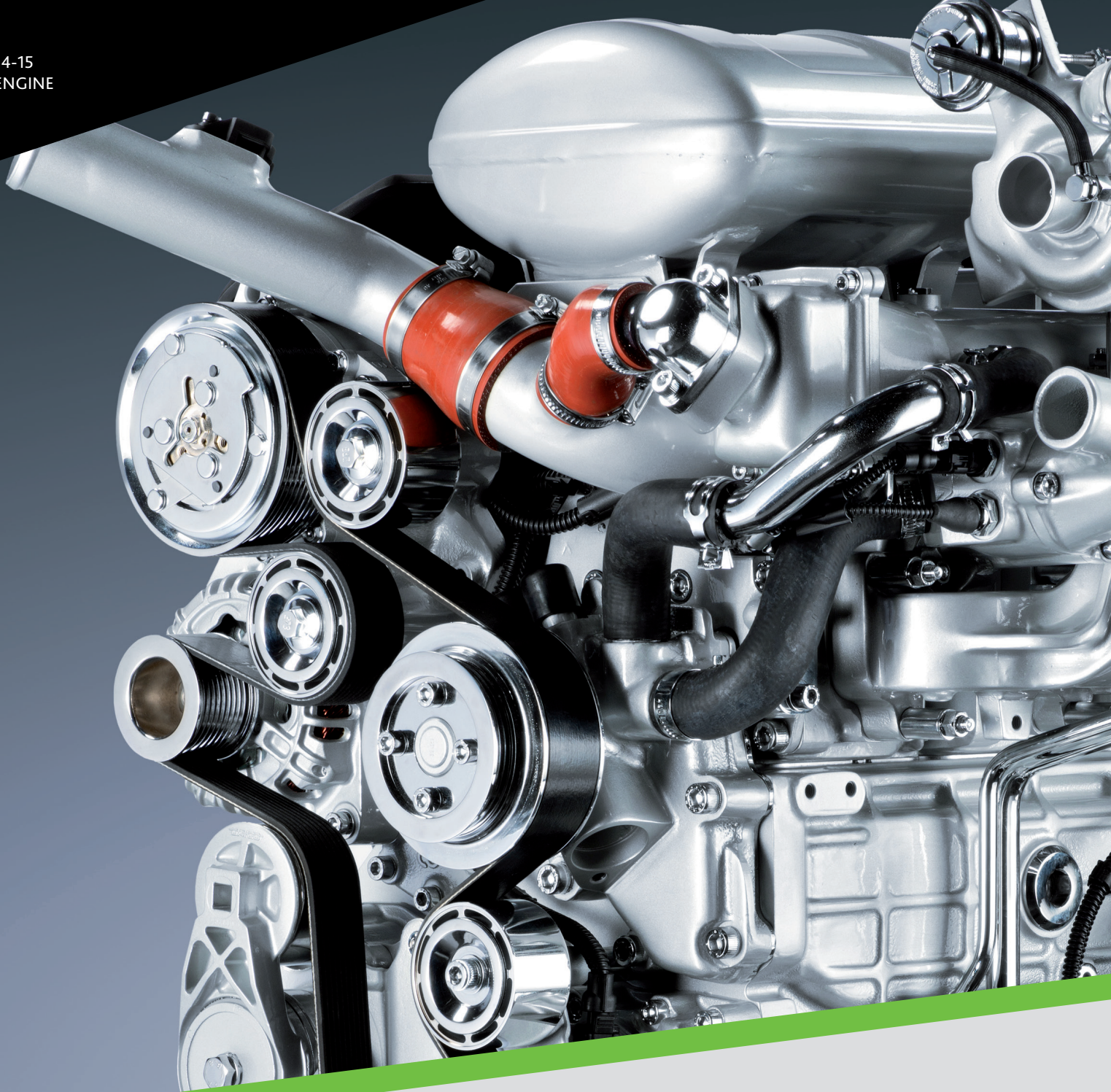
THE CROPS ARE READY. THE WEATHER IS RIGHT. BUT FOR HOW LONG? NOW EVERYTHING HAS TO WORK. TIME WILL GO VERY QUICKLY. THE HARVESTING CHAIN BEGINS: MOWING, TURNING, SWATHING AND BALING. YOUR NEW 6 SERIES TRACTOR IS AT THE HEART OF EVERYTHING. FLAWLESS TECHNIQUE. FLAWLESS WORKING COMFORT. IT'S NICE TO KNOW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











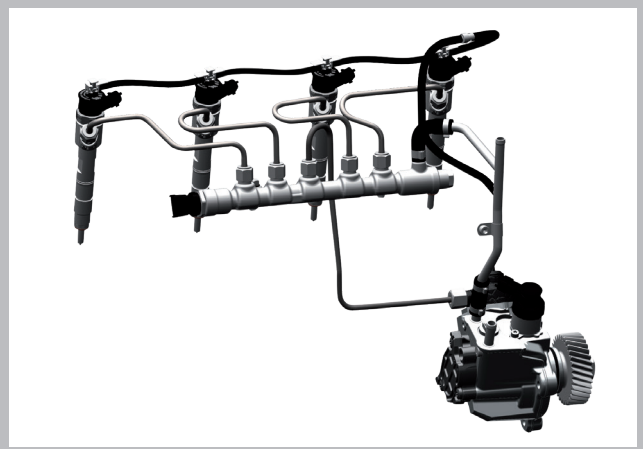
FARMOTION 3.8 ENGINE.  
GIVES EVERYTHING.  
TAKES LITTLE.





### Highlights:

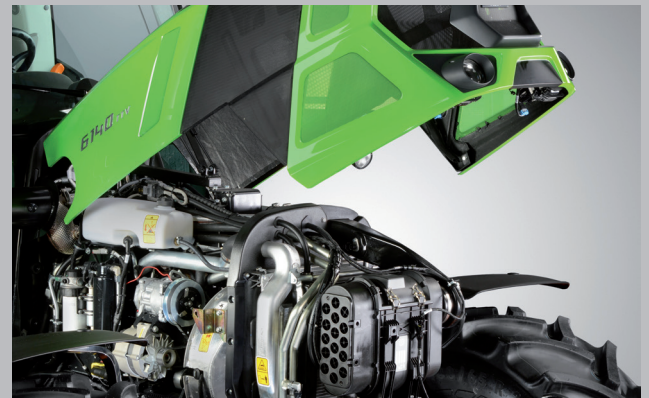
- Electronically controlled 4-cylinder Tier 4 engines
- High torque across a wide range of engine speeds
- EGR and SCR only – no intense heat source from DPF regeneration
- Electronic Visco fan



Common rail direct fuel injection delivers diesel to the cylinders at 29,000 PSI of tip pressure to atomize fuel for better, cleaner combustion.



Simple DOC and SCR technology help to meet Tier 4 emissions requirements WITHOUT the need for a DPF. DEF tank holds 3.1 gallons.



Complete access for all routine maintenance work.

The new, electronically controlled FARMotion 3.8 liter 4-cylinder engines (Tier 4) are extremely compact, extremely powerful and extremely efficient. Designed and built in-house, they respond immediately and deliver high torque across a wide range of engine speeds. High pressure common rail direct injection delivers fuel to the cylinders under 29,000 PSI to atomize the fuel for better combustion and a more complete burn. Turbo charging and intercooling help the engine to breathe more easily for better performance. A long piston stroke generates high, sustained torque across a wide range of engine RPM to keep the tires pulling and the PTO turning through tough working conditions. These FARMotion engines are

also extremely clean. They include EGR and SCR exhaust after-treatment to help control emissions levels, but do NOT use a diesel particle filter (DPF). SCR is simple, reliable, and economical. It requires no interaction from the operator other than to add small amounts of DEF to a tank at each fueling interval. Not having a DPF reduces heat in the exhaust, and ensures a long service life of the entire exhaust system. Engine efficiency is increased by a Visco-clutch cooling fan behind the radiators. The new DEUTZ-FAHR engines are a prime example of modern design and technology, and synonymous with reliability and efficiency at the highest level, allowing you to complete your work even more efficiently.





TTV TRANSMISSION.  
CONTINUOUSLY VARIABLE  
FOR EASIER WORK.

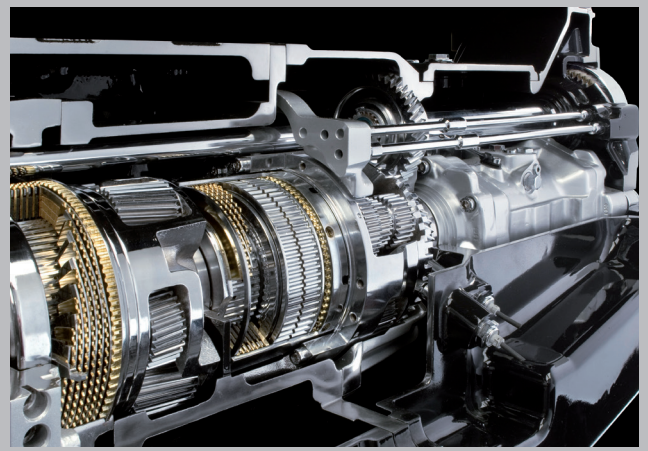




### Highlights:

- 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 transmission technology - TTV. 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 mph up to 32 mph. 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 maximize the productivity of the new 6 Series models.



Proven and reliable transmission technology built in-house.



Two working modes (FIELD/TRANSPORT) can be selected with push button.



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



Max speed 32 mph or 25 mph at economy engine speed.





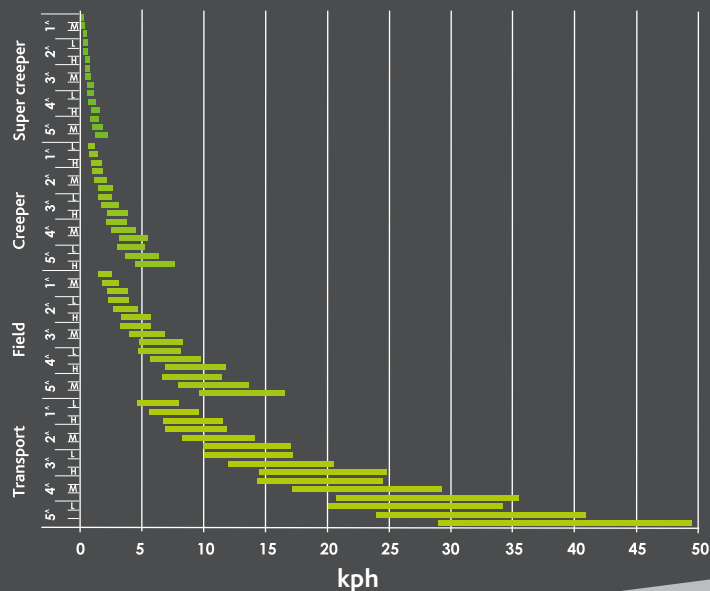
POWER SHIFT TRANSMISSION.  
YOU HAVE COMPLETE  
CONTROL.





### Highlights:

- Five-speed gearbox with three power shifts, APS and speed matching
- 30x30 or 60x60 speed versions available
- Stop&Go system for precise maneuvering without using the foot clutch
- SenseClutch and ComfortClutch as standard



Key operating functions are integrated comfortably in the console.




Max speed 25 mph at economy engine speed.

Pure technology. Those who choose the new 6 Series power shift models will benefit from a solid, five-speed manual gearbox with three power shift gears and speed matching, among other comfort bonuses. Two versions are available: a 30x30 or a 60x60 speed version with creeper. These transmission systems also feature the electro-hydraulic power shuttle system with adjustable shuttle modulation control (SenseClutch). This makes it possible to change the direction of travel without interrupting torque. The Stop&Go system facilitates precise ma-

neuvering 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 25 mph for transport work, and this speed can 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 power shift models are the perfect choice.



A green tractor is shown from a low angle, pulling a large green trailer. The trailer is loaded with a white tarp-covered material. The tractor is driving on a road, and the background shows a green field and trees. The text is overlaid on a dark green rectangular background in the lower-left corner.

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 EQUIP-  
MENT AT EVERY MOMENT.









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





### Highlights:

- Four-wheel drive and differential lock (100 %) front and rear
- Available suspended front axle
- SDD rapid steering system
- Four-wheel braking system with integrated front axle brakes
- Trailer brakes



Integrated front axle brakes engage with the rear brakes to provide exceptional stopping power and safety. Hydraulic and pneumatic trailer brake systems available.



SDD rapid steering system allows the operator to turn the tractor's front wheels with fewer turns of the steering wheel.

The front axles specially developed for the new 6 Series class are developed in-house by DEUTZ-FAHR. These were engineered with the aim of providing traction, grip and safety on all ground conditions and in all situations. 4wd and differential lock (100 %) can be activated and deactivated by push button 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 leveling 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 also available for all new models. Engaged with a simple push button in the dash, it halves the number of turns of the steering wheel it takes to turn the front wheel, and makes maneuvering 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 with integrated wet disc brakes in the front axle. Applying both brake pedals with engaged hydraulic brakes in the front AND rear axles for exceptional stopping ability. A trailer brake system (hydraulic or pneumatic) is available on request.





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





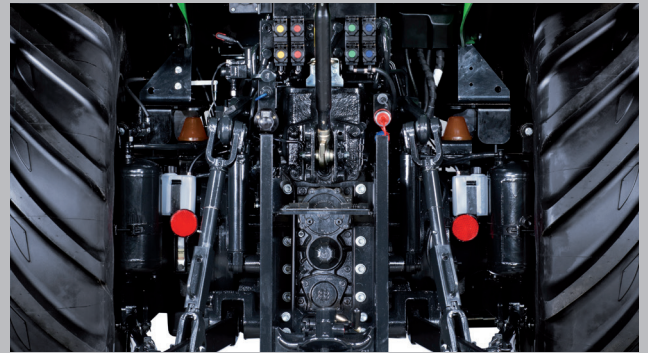
### Highlights:

- Closed center load sensing hydraulics with up to 32 gpm of flow
- Factory-fitted integrated front linkage available
- Lifting capacity of 6,300 lb at the front and 15,400 lb at the rear
- Four rear PTO speeds, front PTO available from the factory

The new 6 Series tractors show the extent of their equipment versatility when it comes to the hydraulic systems. All models come standard with closed center load sensing hydraulics. The variable angle axial piston pump is driven by the transmission and generates a maximum pump output of 32 gpm (120 lpm) dedicated to the implement system. All tractor models include four rear remote valves as standard equipment. Depending on configuration, these rear remote valves can be mechanically or electronically controlled. Mechanical valves operate using levers positioned in the right side console and feature detent functionality that can lock the lever into position or allow it to freely move. Electronic remote valves operate using a simple joystick and fingertip controls, and can be adjusted for flow and time using the InfoCentre<sup>Pro</sup> display in the front dash. A factory-fitted front linkage is available as an option to further



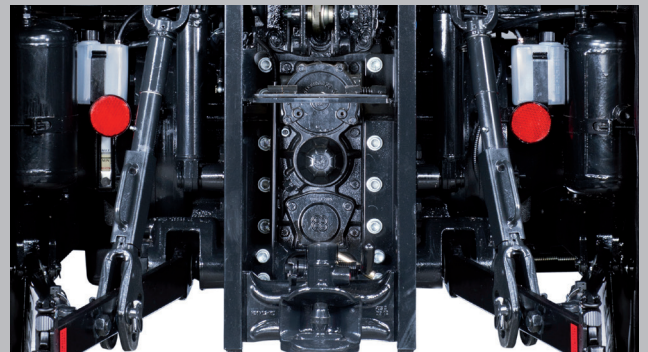
Mechanical or electro-hydraulic control units. The choice is yours.



Impressive characteristics: a lifting capacity of up to 15,400 lb, Category III, electronic hitch control as standard.



The powerful front linkage can lift up to 6,300 lb: optional equipment.



540/540E/1000/1000E PTO speeds at the rear, automatic PTO function. 1,000 rpm front PTO optional.

increase versatility. The maximum lifting capacity of the front linkage is 6,300 lb. The electronic rear 3-point hitch can lift up to 15,400 lb. Four PTO speeds at the rear (540/540E/1000/1000E) are the standard equipment for the power shift version - 540/540E/1000 is standard on TTV. A 1,000RPM front PTO is available from the factory. The automatic PTO function is included as standard. This activates or deactivates the PTO depending on the rear lift position. The new 6 Series models offer everything for everyone. You can decide on the right equipment for you.



| Technical data  |            | 6 SERIES   |   |  |   |
|---|------------|--|---|--|---|
|   |            | 6130 POWER SHIFT   | 6130 TTV                                      | 6140 POWER SHIFT   | 6140 TTV                                      |
| ENGINE  |            |  |   |  |   |
| Manufacturer  |            | Deutz-Fahr   | Deutz-Fahr                                    | Deutz-Fahr   | Deutz-Fahr                                    |
| Model   |            | FARMotion  | FARMotion                                     | FARMotion  | FARMotion                                     |
| Emission level  |            | Tier 4   | Tier 4  | Tier 4   | Tier 4  |
| Cylinders / Displacement  | - / liters | 4 / 3.849  | 4 / 3.849                                     | 4 / 3.849  | 4 / 3.849                                     |
| Bore / Stroke   | in         | 4.06 / 4.55  | 4.06 / 4.55                                   | 4.06 / 4.55  | 4.06 / 4.55                                   |
| Turbocharger with intercooler   |            | ●  | ●   | ●  | ●   |
| Deutz Common Rail (DCR) injection pressure                              | PSI        | 29,000   | 29,000  | 29,000   | 29,000  |
| Max. power @ 2,000 rpm  | HP         | 126  | 126   | 136  | 126   |
| Max. torque @ 1,600 rpm   | lb-ft / Nm | 373 / 500  | 373 / 500                                     | 401 / 544  | 401 / 544                                     |
| Torque increase   | %          | 30%  | 30%   | 28%  | 28%   |
| Visco fan   |            | ●  | ●   | ●  | ●   |
| Exhaust gas recirculation (EGR)   |            | External, water-cooled   | External, water-cooled                        | External, water-cooled   | External, water-cooled                        |
| Exhaust after-treatment   |            | SCR  | SCR   | SCR  | SCR   |
| Fuel tank capacity  | gallons    | 48.9   | 48.9  | 48.9   | 48.9  |
| DEF tank capacity   | gallons    | 3.2  | 3.2   | 3.2  | 3.2   |
| TRANSMISSION  |            |  |   |  |   |
| Manufacturer  |            | SDF  | SDF   | SDF  | SDF   |
| Hydraulic power shuttle with modulation control (5 adjustable settings) |            | ●  | ●   | ●  | ●   |
| Speeds  |            | 30x30 total<br>5 manual gears<br>2 manual ranges<br>3 power shifts | Infinite speeds<br>2 ranges (field/transport) | 60x60 total<br>5 manual gears<br>4 manual ranges<br>3 power shifts | Infinite speeds<br>2 ranges (field/transport) |
| Stop&Go system  |            | ●  | -   | ●  | -   |
| Speed matching and auto power shift                                     |            | ●  | -   | ●  | -   |
| Max. speed  | mph        | 25   | 25  | 25   | 32  |
| PowerZero system  |            | -  | ●   | -  | ●   |
| Hydraulic parking brake   |            | -  | ●   | ●  | ●   |
| Push button 4wd activation  |            | ●  | ●   | ●  | ●   |
| Push button diff. lock activation (front and rear)                      |            | ●  | ●   | ●  | ●   |
| ASM system  |            | ●  | ●   | ●  | ●   |
| SDD rapid steering system   |            | ●  | ●   | ●  | ●   |
| Front axle suspension   |            | ○  | ○   | ○  | ●   |
| Rear PTO speeds   |            | 540/540E/1000/1000E  | 540/540E/1000                                 | 540/540E/1000/1000E  | 540/540E/1000                                 |
| Front PTO 1000  |            | ○  | ○   | ○  | ○   |
| HYDRAULICS SYSTEM   |            |  |   |  |   |
| System type   |            | Closed center load sensing   | Closed center load sensing                    | Closed center load sensing   | Closed center load sensing                    |
| Flow rate to implement system   | gpm        | 32   | 32  | 32   | 32  |
| Rear remote valves  |            | 4 standard   | 4 standard                                    | 4 standard   | 4 standard                                    |
| Remote valve control  |            | Mechanical lever   | Electronic joystick and fingertip             | Electronic joystick and fingertip                                  | Electronic joystick and fingertip             |
| Electronically controlled rear hitch (EHR)                              |            | ●  | ●   | ●  | ●   |
| Rear hitch lift capacity  | lb         | 11,000   | 11,000  | 15,400   | 15,400  |
| Rear hitch category   |            | II / III   | II / III                                      | II / III   | II / III                                      |
| Front linkage   |            | ○  | ○   | ○  | ○   |
| Lifting capacity of front linkage                                       | lb         | 6,300  | 6,300   | 6,300  | 6,300   |
| Pneumatic trailer braking system  |            | ○  | ○   | ○  | ○   |
| Hydraulic trailer braking system  |            | ○  | ○   | ○  | ○   |
| Rear fender controls  |            | ●  | ●   | ●  | ●   |
| CAB   |            |  |   |  |   |
| Cab suspension  |            | Hydro silent blocks  | Suspended cab                                 | Suspended cab  | Suspended cab                                 |
| 2 cab doors   |            | ●  | ●   | ●  | ●   |
| Instrument panel in dash  |            | InfoCentre <sup>Pro</sup>  | InfoCentre <sup>Pro</sup>                     | InfoCentre <sup>Pro</sup>  | InfoCentre <sup>Pro</sup>                     |
| 8" iMonitor   |            | ○  | ○   | ○  | ○   |
| Driver's seat   |            | Pneumatic  | Pneumatic                                     | Pneumatic  | Pneumatic                                     |
| Instructor's seat   |            | ●  | ●   | ●  | ●   |
| Air conditioning  |            | ●  | ●   | ●  | ●   |
| Sunroof   |            | ●  | ●   | ●  | ●   |
| DIMENSIONS AND WEIGHTS  |            |  |   |  |   |
| Wheelbase (A)   | in         | 100.4  | 100.4   | 100.4  | 100.4   |
| Length (B)  | in         | 174.3  | 174.3   | 174.3  | 174.3   |
| Height (C: center of rear axle to roof)                                 | in         | 79.7   | 79.7  | 79.7   | 79.7  |
| Base weight   | lb         | 12,560   | 12,560  | 12,560   | 12,560  |
| Maximum permitted total weight  | lb         | 19,841   | 19,841  | 19,841   | 19,841  |





\*Minimum length: from hood to rear lift arm in raised position / maximum length: from front weights with front lift to rear lift arm in low position

\*\*Min-max: depending on tires and equipment

Technical data and pictures are manufacturer's estimates. DEUTZ-FAHR reserves the right to update the specifications of its machines at any time without notice. nb Top speed 32 mph/50 kph where permitted. Top speed will ultimately depend on wheel and tire equipment.



Dealer

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