

6 SERIES TRACTOR

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Subject: New Deutz-Fahr 6 Series Ag Tractors



PFG America is pleased to announce the introduction of the new Deutz-Fahr 6 Series utility tractors to the USA market. This new range will fill the gap nicely between the 5G utility tractors and the larger 6 Series Agrotron high horsepower tractors. Featuring a deluxe suspended cab with large interior space and excellent all-round visibility, this new tractor line delivers power and performance to farmers in general agricultural operations. Two models are available for sale in the USA market – 6130 and 6140 – with power outputs of 126 and 136 horsepower respectively. These machines are proudly built in-house by SAME DEUTZ-FAHR GROUP (SDF) in Europe.

The 6 Series lineup is designed with versatility and comfort in mind. These machines excel in all aspects of general farming including livestock, dairy, hay production, loader work, crop production and other general farming applications. Customers have a choice of a mechanical power shift transmission or versatile CVT. Powerful FARMotion diesel engine, 540/540E/1000/1000E PTO, closed center hydraulic system and highly capable front loader ensure that the 6 Series models offer productivity and a long service life.

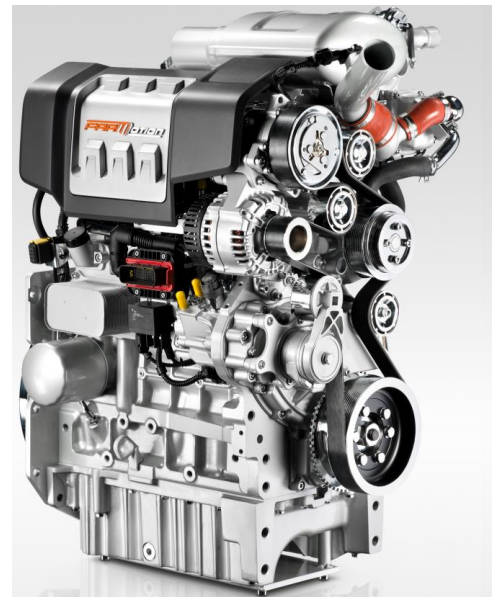
This bulletin will present the new features of the new Deutz-Fahr 6 Series tractors.

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Tractor Model	6130	6140	6140 TTV
Max. Engine HP	126	136	
Engine Type	FARMotion 4-cylinder diesel engine		
Transmission	30x30 5 gears, 2 ranges, 3-speed power shift	60x60 5 gears, 4 ranges, 3-speed power shift	CVT transmission
Configuration	4wd front axle, suspended cab		

FARMotion Diesel Engines

- FARMotion 3.8 liter, 4-cylinder diesel engine.
- Designed and manufactured in-house by Deutz-Fahr.
- Inline design with structural block.
- Bore x stroke = 4.1 x 4.5 inches. 2 valves per cylinder.
- PowerCore air filter, 2-stage filtration.
- Wastegate turbocharger and intercooler.
- High pressure common rail direct fuel injection (29,000 PSI).
- Electronic engine management.
- Tier 4 with selective catalytic reduction (SCR) technology requiring adding diesel exhaust fluid (DEF).
- **No diesel particulate filter (DPF).**
- Single piece hood with 49 gallon fuel tank under platform.
- Hand throttle, foot throttle, and 2 engine speed memories.



Power Shift / Power Shuttle transmission

- Built in-house by SDF.
- Solid cast steel chassis.
- Wet multi-disc main clutch.
- Left hand power shuttle lever near steering wheel.
- Shuttle modulation control for comfort.
- 30x30 or 60x60 speeds:
 - 5 synchronized gears.
 - 2 ranges or 4 ranges with creeper.
 - HI/MED/LO power shifts, shift-under-load.
- De-clutch button on main gear shift lever.
- Stop&Go automatic de-clutch feature for easy operation.
- In-board planetary final drives and hydraulic wet disc brakes.
- Fully locking front and rear differential with push button engage.



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TTV Transmission

- Built in-house by SDF.
- Solid cast steel chassis.
- Wet multi-disc main clutch.
- Left hand or right hand power shuttle control.
- Shuttle modulation control for comfort.
- Infinite speeds from 0 mph to max. transport speed:
 - Smooth acceleration, no power loss.
 - Engine and transmission work together.
 - Highly efficient, highly versatile, highly customizable.
 - 3 operating modes: auto, manual, PTO.
- De-clutch button on main transmission control lever.
- 2 cruise control speeds.
- In-board planetary final drives and hydraulic wet disc brakes.
- Fully locking front and rear differential with push button engage.



4wd Front Axle

- Solid steel beam design with center differential.
- Integrated front axle brakes with hydraulic actuation.
- Push button 4wd engagement.
- Fully locking front differential.
- Hydrostatic steering with dedicated pump.
- Steering double displacement (SDD) feature for more responsive steering when needed.



Rear PTO

- Independent rear PTO with removable shaft.
- 540/540E/1000/1000E RPM PTO speeds.
- Push button engagement.
- Auto PTO function for use with 3-point hitch operation.

Rear 3-point Hitch

- Category 2 rear 3-point hitch with telescopic ball ends.
- Up to 15,400 lb lift capacity at the balls.
- Electronic control with full adjustability of hitch functions.
- Adjustable left and right lifting links.
- Telescopic stabilizers.
- Available front hitch and front PTO.



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Hydraulic System

- Closed center load sensing system.
 - Variable displacement piston pump.
 - Separate, dedicated steering pump.
- 32 gpm flow to implement system.
- 4 rear remote valves with ISO ½" couplers.
- Mechanical remote valves on 6130 model.
- Electronic remote valves on 6140 models.
 - Adjustable for flow and time.
- Power beyond ports for select implement connection.
- Free flow oil return port.

Electrical System and Lighting

- 12-volt system.
- Single battery under platform on right side.
- Battery disconnect switch in cab.
- 12-volt power points inside cabin.
- 7-pin trailer plug at rear of tractor.
- Robust work lighting package:
 - Hood lights.
 - Roofline work lights, front and rear.
 - Forward cabin post work lights.
- Standard road marker lights.



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Operator's Area

- Large 6-post cab design with flat foot deck.
- Hydro silent-block cab suspension for comfort.
- Right and left side doors.
- Robust HVAC with manual control.
- Opening rear window with rear wiper.
- Roofline window with sun shade.
- Air suspended deluxe seat with seat belt.
- Instructor's seat with seat belt.
- Tilt and telescopic steering wheel.
- Right side console with all major tractor controls.
- Complete sound system.
- Storage trays and cup holder.
- 8" iMonitor color terminal (optional from factory).



Other Features

- Radial tires for better ride and traction.
- Vertical exhaust following right side cab post.



Front Loader

- Q4S mechanical self leveling loader from Quicke (Alo) with 83 inch bucket.
- Quick attach boom design and Euro-type tool attachment.
- 4,200 lb lift capacity to full height - 135 inches under level bucket.
- 4,350 lb breakout force at ground level.

