

4E SERIES TRACTOR

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Subject: New Deutz-Fahr 4E Series Utility Tractors



PFG America is pleased to announce the introduction of the new Deutz-Fahr 4E Series utility tractors to the USA market. Featuring an open station design with folding ROPS and comfortable platform, this new tractor line delivers power and performance in a simple, economical chassis. Two models are available for sale in the USA market – 4070E and 4080E – with power outputs of 70 and 80 gross horsepower respectively. These machines are proudly built in-house by SAME DEUTZ-FAHR GROUP (SDF).

The 4E lineup is designed with versatility and comfort in mind. These machines excel in landscaping, livestock, dairy, loader work, and other general farming applications. A simple synchronize shuttle transmission, powerful FARMotion diesel engine, 540 PTO, robust hydraulic system and highly capable front loader ensure that the 4E models offer productivity and a long service life.

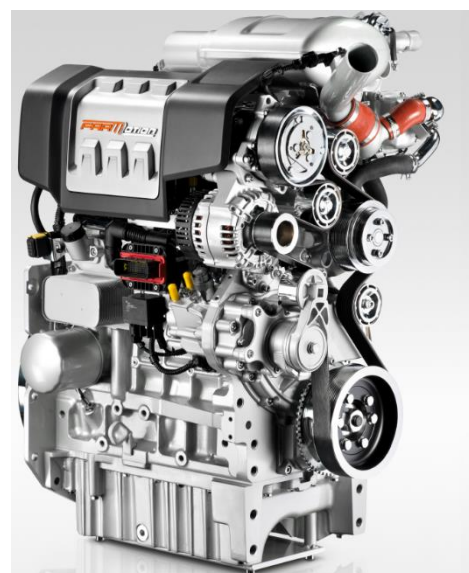
This bulletin will present the new features of the Deutz-Fahr 4E Series tractors.

4E SERIES TRACTOR

| Tractor Model | 4070E | 4080E |
|-----------------------|------------------------------------|-----------------------|
| Gross/rated Engine HP | 70 / 65 | 80 / 75 |
| Engine Type | FARMotion 3-cylinder diesel engine | |
| Transmission | 8x8 synchro shuttle | 15x15 synchro shuttle |
| Configuration | 4wd front axle, open station ROPS | |

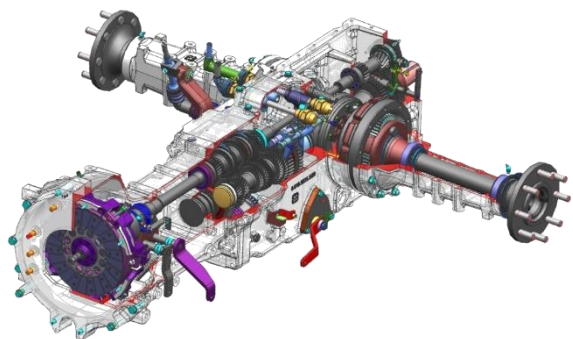
FARMotion Diesel Engines

- FARMotion 2.9 liter, 3-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 exhaust gas recirculation (EGR) and diesel oxidation catalyst (DOC).
- **No diesel particulate filter (DPF). Does not require diesel exhaust fluid (DEF).**
- Single piece all-steel hood with 19 gallon fuel tank under hood.
- Hand throttle, foot throttle, and 1 engine speed memory.



Synchronized Shuttle Transmission

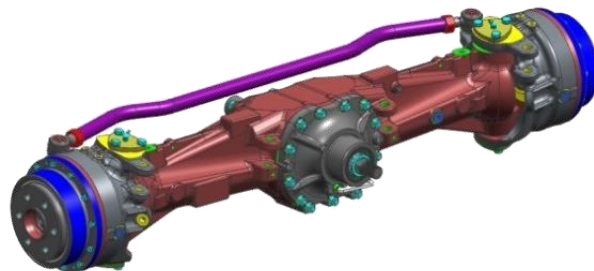
- Built in-house by SDF.
- Solid cast steel chassis.
- Dry disc main clutch, 12-inch diameter (large).
- Synchronized in-line shuttle with right hand lever.
- In-board planetary final drives and hydraulic wet disc brakes.
- 4070E:
 - 8x8 speeds with 4 synchronized gears and 2 ranges.
 - 19 mph transport speed.
 - Heel pedal diff. lock.
- 4080E:
 - 15x15 speeds with 5 synchronized gears and 3 ranges.
 - 25 mph transport speed.
 - Hydraulic push button diff. lock.



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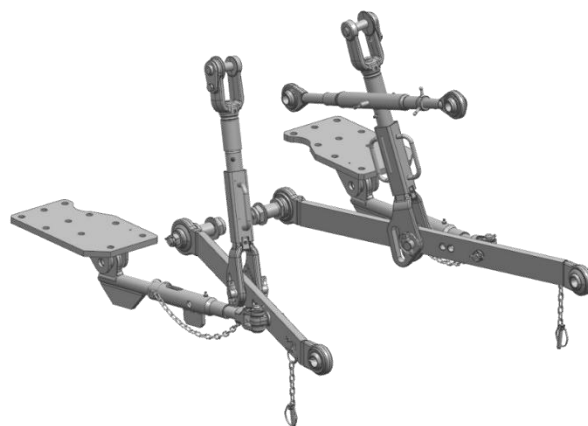
4wd Front Axle

- Solid steel beam design with center differential.
- Integrated front axle brakes with hydraulic actuation.
- Manual 4wd engagement on 4070E model.
- Push button 4wd engagement on 4080E model.
- Locking front differential on 4080E model.
- Hydrostatic steering with dedicated pump.



Rear PTO

- Independent rear PTO with removable shaft.
- 540 RPM PTO speed with 1 3/8-inch, 6-spline design.
- Mechanical engagement via hand lever.
- Neutral position with separate hand lever control.



Rear 3-point Hitch

- Category 2 rear 3-point hitch with fixed ball ends.
- 5,500 lb lift capacity at the balls.
- Position and draft control with right side levers.
- Adjustable left and right lifting links.
- Telescopic stabilizers.

Hydraulic System

- Simple open center system.
- 11.1 gpm flow on 4070E model with dedicated pump.
- 13.2 gpm flow on 4080E model with dedicated pump.
- 2 rear remote valves with ISO 1/2" couplers.



Electrical System and Lighting

- 12-volt system.
- Single battery under hood at front of tractor.
- Battery disconnect switch at front of hood.
- 12-volt cigarette-style plug in dash.
- 7-pin trailer plug at rear of tractor.
- Adjustable rear work light.
- Driving and work lights in front of hood.
- Standard road marker lights.



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Operator's Area

- Open station with folding ROPS.
- Isolated, semi-flat platform with rubber cover floor (3 inch hump).
- Right and left side entry.
- Steel fenders and grab handles on both sides.
- Transparent mud guards at the front of the platform.
- Suspended foot pedals.
- Telescopic steering wheel.
- Suspended vinyl seat with retractable seat belt.
- Right and left rear view mirrors.
- Digital and analog front dash.



Other Features

- Radial tires for better ride and traction.
- Toolbox on right side.
- Horizontal exhaust on left side.
- Storage tray under steering wheel.



Front Loader

- CRX3030 non-self leveling loader from Ansung with 74 inch bucket.
- Quick attach boom design and skid steer tool attachment.
- 1,500 lb lift capacity to full height - 109 inches under level bucket.
- 2,491 lb breakout force at ground level.

