



## 5G TB SERIES TRACTOR

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PFG America is pleased to announce the introduction of the new Deutz-Fahr 5080G TB low profile 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 sleek, low profile design that is ideal for use in low height applications. A single model – 5080G TB - is available for sale in the USA market with a power output of 75 engine horsepower. These machines are proudly built in-house by SAME DEUTZ-FAHR GROUP (SDF) in Italy.

The 5080G TB is built to work in height restricted jobs, as well as general purpose utility applications. These machines excel in poultry houses, livestock, dairy, loader work, and other general farming applications. A convenient hydraulic power shuttle transmission, powerful FARMotion 4-cylinder diesel engine, 540 PTO, robust hydraulic system and highly capable front loader ensure that the 5080G TB tractor offers productivity and a long service life. The comfortable, low slung operators platform and low stance makes the tractor hug the ground for stability and low height access.

This bulletin will present the new features of the Deutz-Fahr 5080G TB Series tractors.

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Tractor Model	5080G TB
Max. Engine HP	75
Engine Type	FARMotion 3.8 liter, 4-cylinder diesel engine
Transmission	20x20 power shuttle or 40x40 power shuttle with HI/LO
Configuration	4wd front axle, open station ROPS

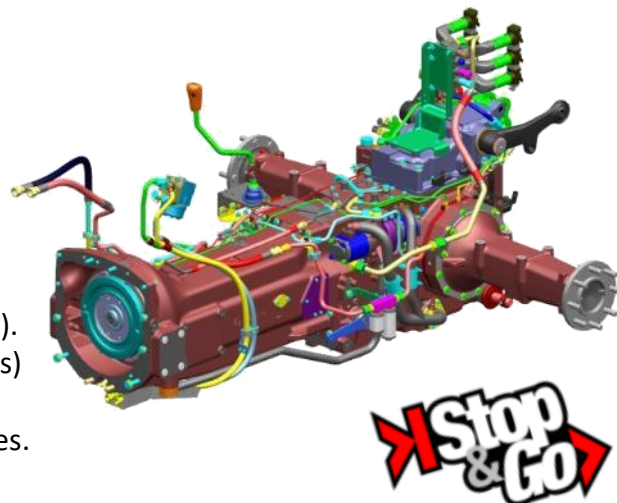
### FARMotion Diesel Engines

- 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 exhaust gas recirculation (EGR) and diesel oxidation catalyst (DOC).
- **No diesel particulate filter (DPF). Does not require diesel exhaust fluid (DEF).**
- Single piece hood with 22.5 gallon fuel tank at rear of tractor.
- Hand throttle, foot throttle, and 1 engine speed memory.



### Hydraulic Power Shuttle Transmission

- Built in-house by SDF.
- Solid cast steel chassis.
- Electronically controlled long-life clutches.
- Left hand shuttle lever near steering wheel.
- Stop&Go automatic clutch feature.
- Declutch button on main gear shift lever.
- Choice of transmissions (25 mph capable).
  - 20x20 with 5 gears and 4 ranges (including creeper).
  - 40x40 with 5 gears and 4 ranges (including creepers) and HI/LO power shift.
- In-board planetary final drives and hydraulic wet disc brakes.
- Push button diff. lock engagement.





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### 4wd Front Axle

- Solid steel beam design with center differential.
- Integrated front axle brakes with hydraulic actuation.
- Push button 4wd engagement.
- Locking front differential - hydraulic.
- Hydrostatic steering with dedicated pump.
- Steering double displacement (SDD) on select models.



### Rear PTO

- Independent rear PTO with removable shaft.
- 540 / 540E RPM PTO speed with 1 3/8-inch, 6-spline design.
- Hydraulic engagement with push button.



### Rear 3-point Hitch

- Category 2 rear 3-point hitch with quick attach hook ends.
- 7,900 lb lift capacity at the hitch.
- Position and draft control with right side levers.
- Adjustable left and right lifting links.
- Telescopic stabilizers.
- Front hitch and PTO available from the factory.



### Hydraulic System

- Simple open center system.
- 14.5 gpm flow with dedicated pump.
- Separate, dedicated pump for steering.
- 2 or 3 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 under hood.
- 12-volt cigarette-style plug near operator's seat.
- 7-pin trailer plug at rear of tractor.
- Adjustable rear work light.
- Driving and work lights in front of hood.
- Standard road marker lights.



### Operator's Area

- Open station with folding ROPS.
- Isolated, low-slung platform with rubber cover floor.
- 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.
- Provision for beacon light on ROPS.



### Front Loader

- X3 non-self leveling loader from Quicke (Alo) with 83 inch bucket.
- Quick attach boom design and skid steer tool attachment.
- 2,100 lb lift capacity to full height - 120 inches under level bucket.
- 3,500 lb breakout force at ground level.

