

5G TB SERIES



DEUTZ-FAHR
5080G TB



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



**THE NEW 5G TB SERIES.
INCREASE YOUR EFFICIENCY.**



5G TB SERIES	5080G TB
Max. power (HP/kW)	75 / 55.4

Whether for specialty crops or at work on the farm, in the barn or in the field – the new 5G TB Series is designed to get the job done. The configuration and design is unique. A highly efficient FARMotion engine with 75 horsepower and a massive 252 lb-ft of torque; power shuttle transmission with 5 synchronized gears; Stop&Go system for stopping and starting using only the brake pedal; 4wd front axle with fully locking front differential and integrated front axle brakes; powerful rear 3-point hitch with up to 7,900 lb (3,600 kg) of lifting force; available front lift with 4,600 lb (2,100 kg) of lifting force, 540/540E

rear PTO with push-button engagement; 14.5 gpm (55 lpm) of hydraulic flow and up to three rear remote valves – work faster and more reliably than ever before with the heavy, durable 5G TB tractors. The isolated, vibration-free driver platform with a new digital dashboard meets the highest standards in comfort. Save manpower with the new 5G TB Series models. You massively increase your operation's productivity and thus its profitability. Choose excellence in design, engineering and manufacturing - choose the new 5G TB Series tractors from Deutz-Fahr.



DRIVER PLATFORM - IMPROVED
COMFORT MAKES WORK EASIER.



The new InfoCenter and all driving functions are clearly organized in the front dash and on the steering column.



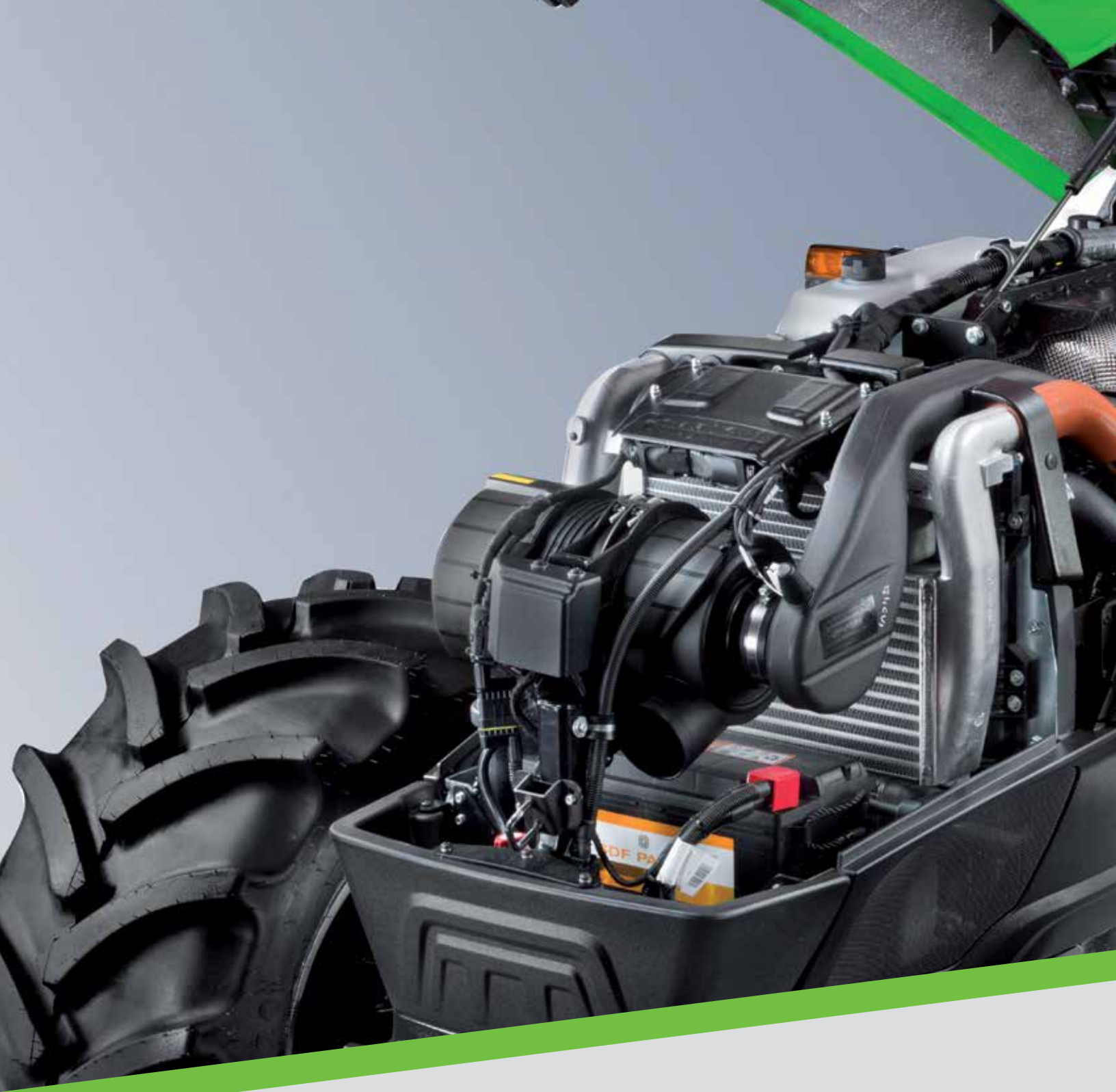
To the right of the driver: gear lever, rear power lift and hydraulic control units ergonomically organized.



To the left of the driver: parking brake and PTO controls.

The driver can only work efficiently if every movement is smooth and easy to make. As such, the new 5G TB Series guarantees maximum comfort and intuitive operation. The driver platform, mounted on silent blocks, absorbs drivetrain vibrations. The driver's seat and steering wheel are adjustable - allowing a driver to find the optimal working position for maximum comfort. Operation has been restructured to meet the latest ergonomic criteria. All control elements for driving,

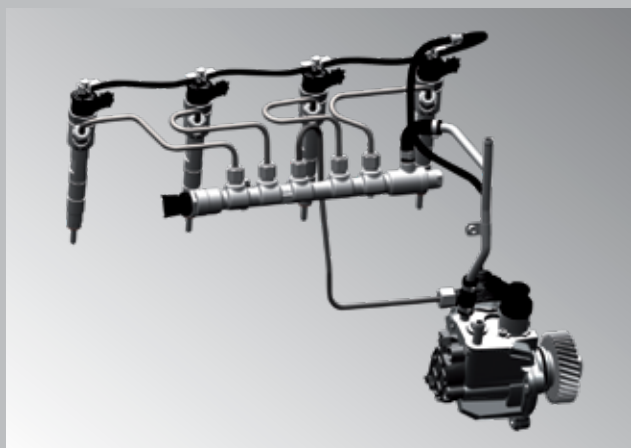
gear changing, and hydraulics and PTO operation are easy to reach, logically ordered according to operating frequency and clearly color-coded. The new InfoCenter in the front dash provides the driver with all relevant data on the tractor's driving and operating status. It is clearly structured, in both digital and analogue. The driver can therefore concentrate entirely on the workflow and do the job quickly and accurately.



FARMOTION ENGINE.
EFFICIENT LIKE NO OTHER.



FARMotion engines: constant power and constant torque at low engine speeds without the added emissions complexity of SCR or DPF.



High pressure common rail fuel system at 29,000 PSI (2,000 bar) ensures maximum power and fuel efficiency with low emissions.



The new cooling system supports engine efficiency and is easy to clean.

Hard at work under the newly designed hood are the extremely compact FARMotion 4-cylinder engines (EPA Tier 4 compliant). Specially developed for agricultural applications, these common rail engines feature electronic injection to provide exceptional power and response with low fuel consumption. Constant, sustained torque across a wide operating range keeps the tractor working through varying conditions. Exhaust gas recirculation (EGR) and a diesel oxidation catalyst (DOC) meet emissions standards without additional input - no fluid to add,

and no particulate filter to regenerate. Just put in fuel and drive. Other new features include the compact radiator system with a large cooling surface, intercooling, fuel cooling and optimised airflow. The engine air filter is divided into two sections for better dust reduction and servicing. The cooling system supports engine efficiency and is designed for long servicing intervals, as well as fast and straightforward servicing. You could not accelerate your productivity more powerfully and efficiently.



EASY-SHIFT TRANSMISSION.
BECAUSE GEAR-CHANGING IS
PRECISION WORK.



A mechanical transmission with 5 synchronized gears makes for easy shifting on-the-fly to achieve the desired speed.



Electro-hydraulic power shuttle with wet multidisc clutch allows the driver to change direction without using the foot clutch pedal.



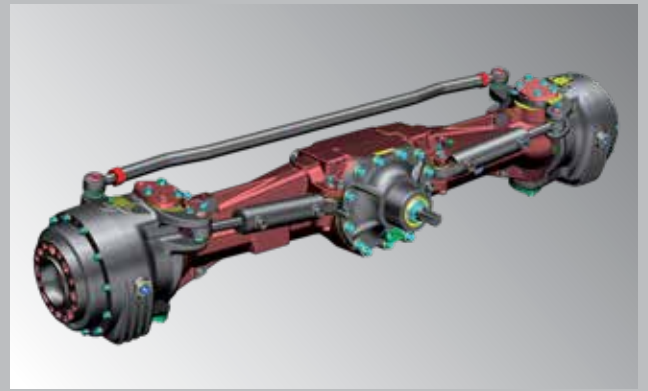
Stop&Go system: stop and start the tractor using only the brake pedal.

Power is good. Precisely controlled power is better. The new 5G TB Series transmission technology ensures that the driver has the exact power and speed available for the job at hand - both on and off the road. A simple, mechanical 20x20 gearbox with power shuttle includes a creeper range for operations that require a very low ground speed with higher engine RPM. An available HI/LOW power shift is available to further enhance the tractor's capability. The 5G TB has a top speed of

25 mph (40 kph) for transport purposes. Using the Powershuttle system, the driver can change the direction of travel while driving without operating the foot clutch and without torque interruption - simply by using a lever on the steering wheel. The Stop&Go system allows for stopping and starting without operating the clutch, only by pressing the brake pedal. Both systems considerably simplify maneuvering - especially in close quarters.



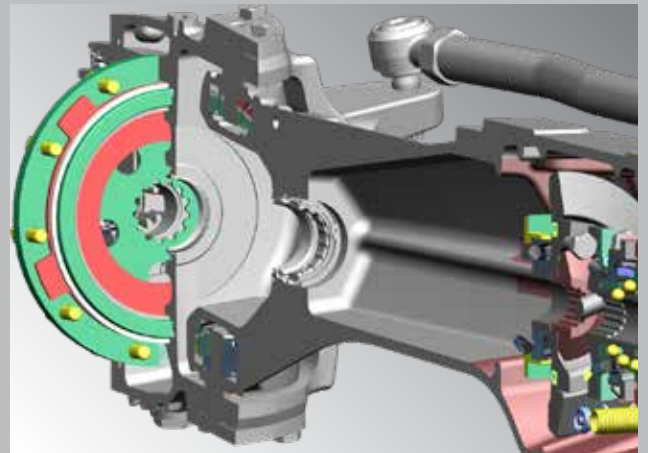
AXLES AND BRAKES.
SAFETY IN EVERY SITUATION.



Front axle: 50-degree steering angle; electro-hydraulic 4wd; integrated front axle brakes; fully locking differential.

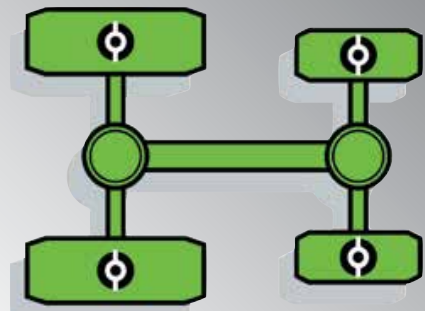


The innovative SSD rapid steering system halves the number of steering wheel turns to the full steering angle.



Maximum safety is provided by the wet disc brakes on the front axle.

Stability, maneuverability and safety: the new 5G TB Series offers safety under all conditions, on any terrain or on the road. On difficult terrain, the four-wheel drive and 100% differential lock are easy to activate with simple push button. Two steering cylinders ensure extremely easy handling. The 50-degree steering angle allows for precise maneuvering even in the smallest of spaces. The braking system is unique - all models are equipped with a four-wheel braking system. The front axle features separate high-performance disc brakes in an oil bath. The innovative SSD rapid steering system is a new option - it halves the driver's steering wheel turns at the touch of a button, thus considerably simplifying tractor maneuvering. The separate, dedicated steering pump ensures smooth turning at the headlands and under load.



All 5G TB models include four-wheel brakes as standard equipment for safety.



ATTACHMENT POINTS.
THE 5G TB SERIES GROWS
WITH YOUR DEMANDS.



The rear 3-point hitch: up to 7,900 lb (4,525 kg) lifting capacity, extremely precise control. 540/540E rear PTO as standard.



The 14.5 gpm (55 lpm) hydraulic pump supplies up to three rear remote valves.

To be more efficient, you need to do more. The versatility of the 5G TB Series is your strength. In the standard configuration with internal lifting ram, the high-precision mechanical rear 3-point hitch, controlled by familiar levers to the right of the operator, can lift 7,900 lbs (3,600 kg). A 4,600 lb (2,100 kg) capacity front power lift with front PTO is available as an option for specialized applications. The open center hydraulic pump has a dedicated pump that delivers 14.5 gpm (55 lpm) to the remote hydraulics loader when equipped. It supplies up to three

double-acting rear remote valves. The rear PTO offers 2 speeds: 540 and 540E with removable shaft (1 3/8 inch, 6-spline design) for driving rear mounted or towed implements. A simple push-button engages the wet, multi-disc PTO clutch for convenient operation and a long service life. The 5G TB Series models are true all-rounders. Regardless of what moves you or what you want to move, you are right on track with the versatile 5G TB Series.



FASTER SERVICING. MORE EFFICIENCY.

All routine servicing and maintenance tasks can be carried out quickly and easily on the new 5G TB Series. The one-piece hood opens with a single touch without tools. All serviceable components are easy to access, which simplifies activities such as topping up engine coolant, checking and replacing air and fuel filters, oil changes or installing a new battery. Short standstill times, more productivity, greater efficiency – this is what distinguishes the new 5G TB Series, in addition to the many other great features.

Technical data		5G TB Series
		5080G TB
ENGINE		
Emission		Stage 4 / Tier 4
Manufacturer		FARMotion (SDF)
Cylinders / displacement	No. / liters	4 / 3.849
Aspiration		Turbocharged with intercooling
High-pressure injection		Common rail @ 29,000 PSI (2,000 bar)
Bore/stroke	in / mm	4.06x4.55 / 103x115.5
Max. power @ 2,000 rpm	HP / kW	75 / 55.4
Rated power @ 2,200 rpm	HP / kW	75 / 55.4
Max. torque	lb-ft / Nm	252 / 342
Torque increase	%	42
Fuel tank capacity	gal / liters	22.5 / 85
REVERSING GEARBOX		
Hydraulic reversing gearbox - Power shuttle		●
Wet multi-disc main clutch		●
Stop&Go function		●
MECHANICAL GEARBOX		
5-speed gearbox		●
Gears with creeper	No.	20x20
De-clutch button on shift lever		●
MECHANICAL GEARBOX WITH HI-LOW FUNCTION (OPTIONAL)		
5-speed gearbox		●
Gears	No.	40x40
De-clutch button and HI/LOW power shift button on shift lever		●
REAR PTO		
Wet multi-disc PTO clutch		●
540/540E PTO speeds		●
Push-button engagement		●
Ground-speed PTO		○
AXLES AND BRAKES		
Hydraulic braking system		●
Independent parking brake - hand lever		●
Four-wheel braking system with integrated front axle brakes		●
Hydrostatic steering with independent pump		●
POWER LIFT		
Mechanically controlled rear 3-point hitch		●
Rear lift capacity (standard)	lb / kg	7,900 / 3,600
Front hitch lift capacity (optional)	lb / kg	4,600 / 2,100
HYDRAULIC SYSTEM		
Hydraulic flow to remote valves	gpm / lpm	14.5 / 55
Open center hydraulic system		●
Rear remote valves	std / opt	2 / 3
PLATFORM		
Low profile, straddle mount isolated platform		●
Roll bar with two posts, foldable		●
Digital and analog instruments		●
Mechanically suspended and adjustable driver's seat		●
DIMENSIONS AND WEIGHTS		
With rear tires		420/70 R24
Max. length w/o lower linkage	in / mm	162.4 / 4,125
Width (min./max.)	in / mm	76.3-92.1 / 1,939-2,339
Ground clearance without drawbar	in / mm	11.4/ 290
Wheelbase	in / mm	94.5 / 2,400
Height at rear wing	in / mm	44.6 / 1,314
Max. weight with roll bar	lb / kg	7,050 / 3,200
Maximum permitted gross weight	lb / kg	13,650 / 6,200

Technical data is based on manufacturer's estimates. In order to deliver a product that is more and more in line with your needs, DEUTZ-FAHR reserves the right to update the specifications of its machines at any time without notice.

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