

5G SERIES



DEUTZ-FAHR
5100G - 5110G - 5120G



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



THE NEW 5G SERIES.
UTILITY TRACTORS THAT FIT IN,
BECAUSE THEY FIT YOUR NEEDS.



5G SERIES	5100G	5110G	5120G
Max. power (HP/kW)	97/71	106/78	116/85

Arable farms, dairy farms, livestock farms, mixed farms, large farms and small farms, run as a main business or part-time – the range of applications for utility tractors is more diverse than ever before in modern agriculture. Additionally, there is forestry work and municipal tasks. Only when a tractor meets every aspect of the working profile and suits the financial restraints of a farm can it be commercially successful. DEUTZ-FAHR has developed the new 5G Series with this in mind. You will find a utility tractor that perfectly suits your needs among the three models with an output of 97 hp to 116 hp splitted in 2 families with different wheelbases, different load capacities and weights and different tire combinations. The

specification and technology of the new 5G Series will also meet your needs. The cab guarantees ultimate working and operating comfort for all applications, while the new FARMotion Stage 4 (Tier4 Final) engines deliver maximum power with minimal emissions. A 25 mph ECO transmission ensures the right speeds for precise, efficient work. You can choose between a mechanical reverse or a electro-hydraulic reverse power shuttle. Impressive hydraulic power and lift capacity at the front and rear make the new 5G Series suitable for your application profile. Whatever your requirements, DEUTZ-FAHR can meet them with the largest range of utility tractor models.

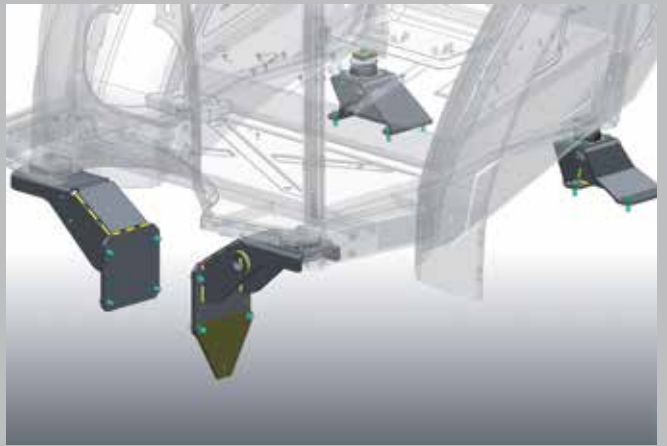




INTO THE BARN, OUT OF THE BARN.
INTO THE YARD, OUT OF THE YARD.
ONTO THE ROAD. INTO THE FIELD AND
BACK TO THE FARM. AND THE WHOLE
CYCLE AGAIN TOMORROW. THE NEW
5G SERIES ADAPTS PERFECTLY TO YOUR
DAILY WORK ROUTINE.



**THE CAB.
CUTTING-EDGE TECHNOLOGY
WITH NO COMPROMISES.**



Cab vibrations reduced up to 40%. "Hydro Silent-Block" suspension.



For optimal visibility during poor weather conditions. Eight working headlights in the roof and side posts. Two working headlights in the bonnet.



Optimal visibility upwards. Three different roof designs.

Anyone who sits inside the new 5G Series will immediately notice that the new cab is the embodiment of peace and precision. The design is similar to that of a comfortable car. Smooth curves, a bright, friendly atmosphere, controls within easy reach and clear visibility on all sides promote fast and efficient work. As in a comfortable car when you start the engine, you feel pure power and nothing else. Noise and vibrations remain outside. The cab is mounted on the latest design of "Hydro Silent-Block" suspension that absorbs up to 40% more jolts and vibrations than the previous versions. At night or when the visibility is poor due to adverse conditions, up to

ten work lights (six in the roof, two on the side posts and two in the bonnet) guarantee perfect illumination of the entire working area. Three different roof designs are available: A standard roof with FOPS safety features, a glass roof without FOPS and an open-view polycarbonate roof with FOPS safety features for optimal visibility upwards during front loader operations. Whatever tractor tasks need to be carried out, the modern, stylish cab motivates drivers to enjoy their daily workplace.



GIVING YOU CONFIDENCE AND
CONTROL OVER EVERY JOB
WITHOUT COMPROMISES.



The InfoCentre. Every operating status constantly in view. Analogue and digital.



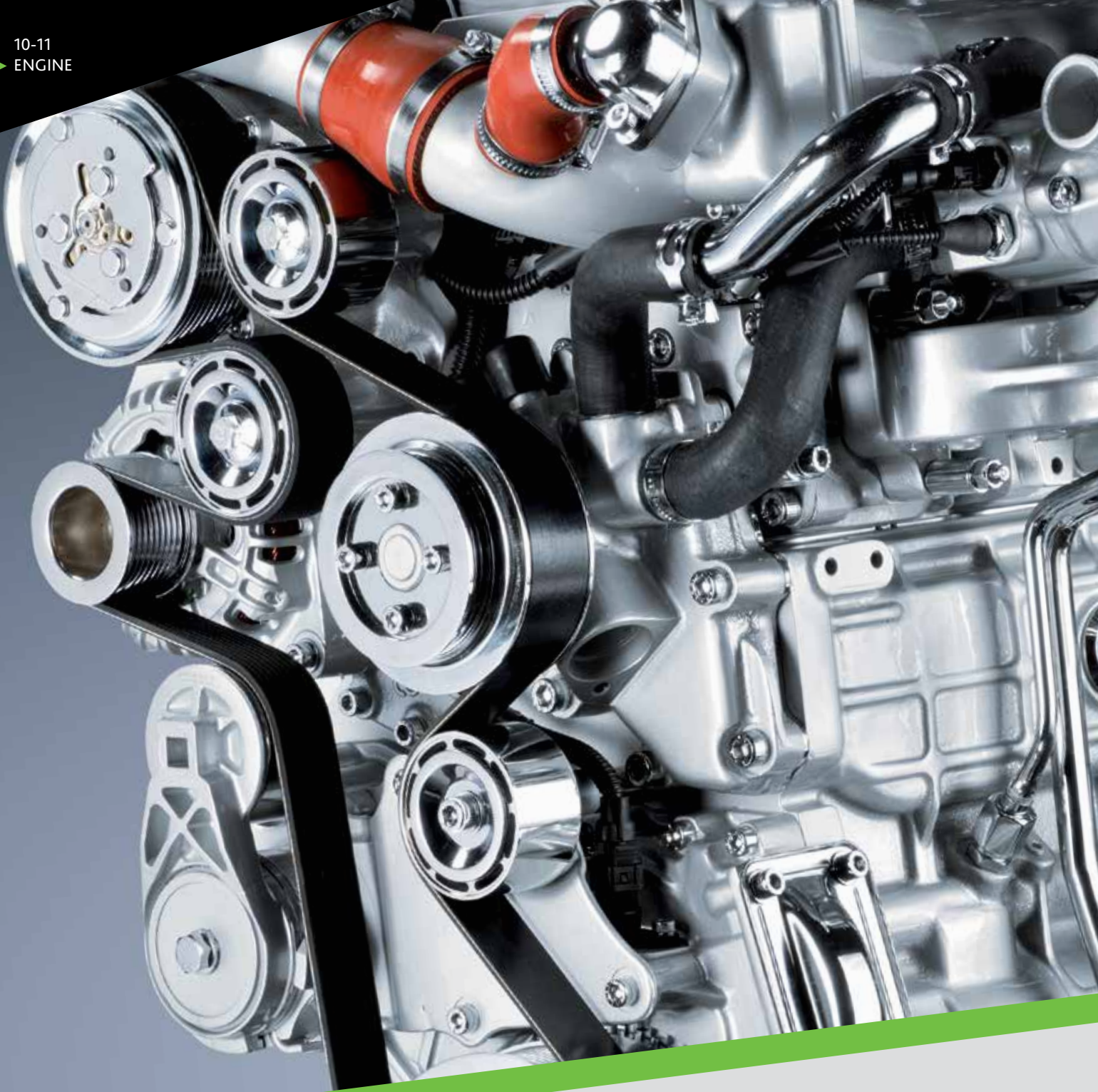
New auxiliary valve control operation. Precise, convenient and extremely reliable for all operating functions.



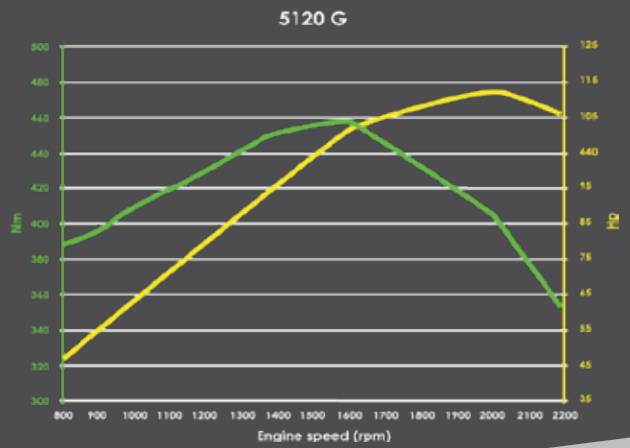
New: two engine speed settings. Pre-programmed efficiency for routine operations.

For the new 5G Series, working comfort means that the tractor adapts to the driver and not vice versa. The cab has been revised with the aim of making the operation fast, straightforward and intuitive for all types of work. As is customary with DEUTZ-FAHR, all controls are clearly color-coded and logically arranged according to their frequency of use. The illuminated InfoCentre in the steering column provides the driver with all the required information about the tractor's operating status

– logical and clearly presented. The auxiliary valve controls are operated on the right-hand console. These can be used in a wide range of operating modes and locking functions, which can be selected precisely, conveniently and reliably. Furthermore, it is now possible to store two engine speeds. During routine work, the most efficient range for working or driving can be activated at the push of a button.



**FARMOTION STAGE 4 (TIER4 FINAL)
ENGINES. UNCOMPROMISINGLY
EFFICIENT.**



State-of-the-art selective catalyst reduction (SCR) exhaust technology is simple and reliable.



A fuel tank that holds up to 38 gallons and 2.5 gallons of DEF (depending on model), allows long working periods in between fuel stops.



The PowerCore air filter supports engine efficiency ...

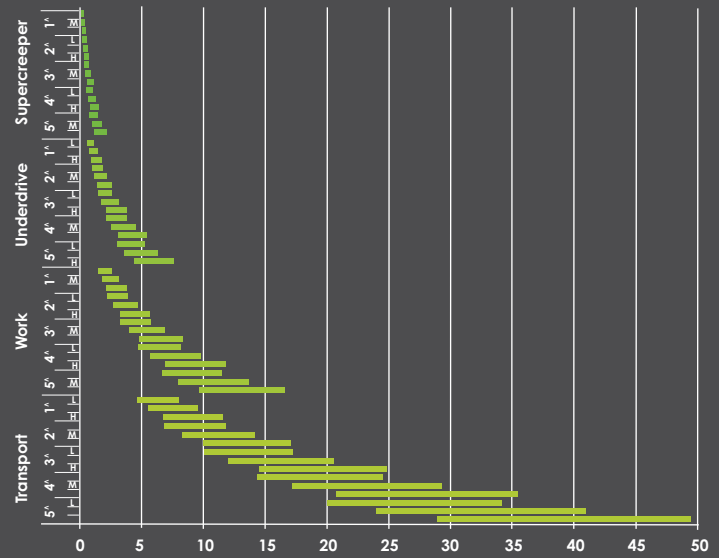


... as does the easy-to-clean cooling system with optional viscous fan.

Under the bonnet of the new 5G Series is a new state-of-the-art, compact, 4-cylinder FARMotion Stage 4 (Tier4 Final) engine with power output of 97–116 hp. Deutz-Fahr has a long history of manufacturing durable diesel engines for farm tractors, and these new FARMotion engines have been specifically designed and developed in-house for agricultural use in order to meet the toughest requirements around a farm or job site. Thanks to the electronic common-rail direct injection system with a pressure of up to 29,000 PSI, turbocharger with air-to-air intercooler and selective catalyst reduction (SCR) system, these engines now deliver 5% more power and torque on average than their predecessors. Both fuel consumption and emissions are extremely low. Engine efficiency is supported by the PowerCore air filter and the efficient new cooling system up front. The cooling system can be easily accessed to make cleaning and maintenance work much easier.



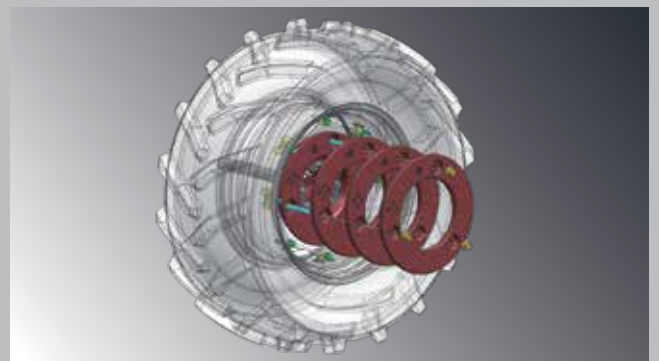
**EFFICIENT TRANSMISSION.
GET INTO GEAR WITHOUT
COMPROMISE.**



Comfort clutch and power shift. Simply change gear at the push of a button without pressing the clutch.



Mechanical reverse shuttle or power shuttle with five adjustable settings – the choice is yours.



New rear wheel ballasting. Greater stability, balance and traction – from front loader operations to field work.

When it comes to the transmission, the new 5G Series shows just how adaptable a utility tractor can be. You can choose between a synchronized mechanical shuttle or hydraulic power shuttle, two or four ranges (high, medium, low and creeper) and two or three power shift speeds, thus offering selections from 10 to 60 forward and reverse speeds. All transmission choices allows for an efficient maximum transport speeds of 25 mph with reduced engine speed. Thanks to the power shift design, ground speed (and power to the wheels) can be increased or decreased under load simply by pressing a button on the gear shift lever without activating the main clutch. The power shuttle feature with modulation control is equipped with two long-life wet multi-plate clutches. This makes it possible to change direction at speeds up to 8.1 mph even under load. Another system linked to power shuttle is the convenient Stop&Go function for stopping and moving off without using the foot clutch pedal.



**AXLES AND BRAKES.
UNCOMPROMISING SAFETY
IN EVERY SITUATION.**



A unique safety concept from DEUTZ-FAHR. Separate oil cooled disc brakes in the front axle.



Push button operation of the 4wd and diff. lock engagement: maximum comfort and maximum performance.

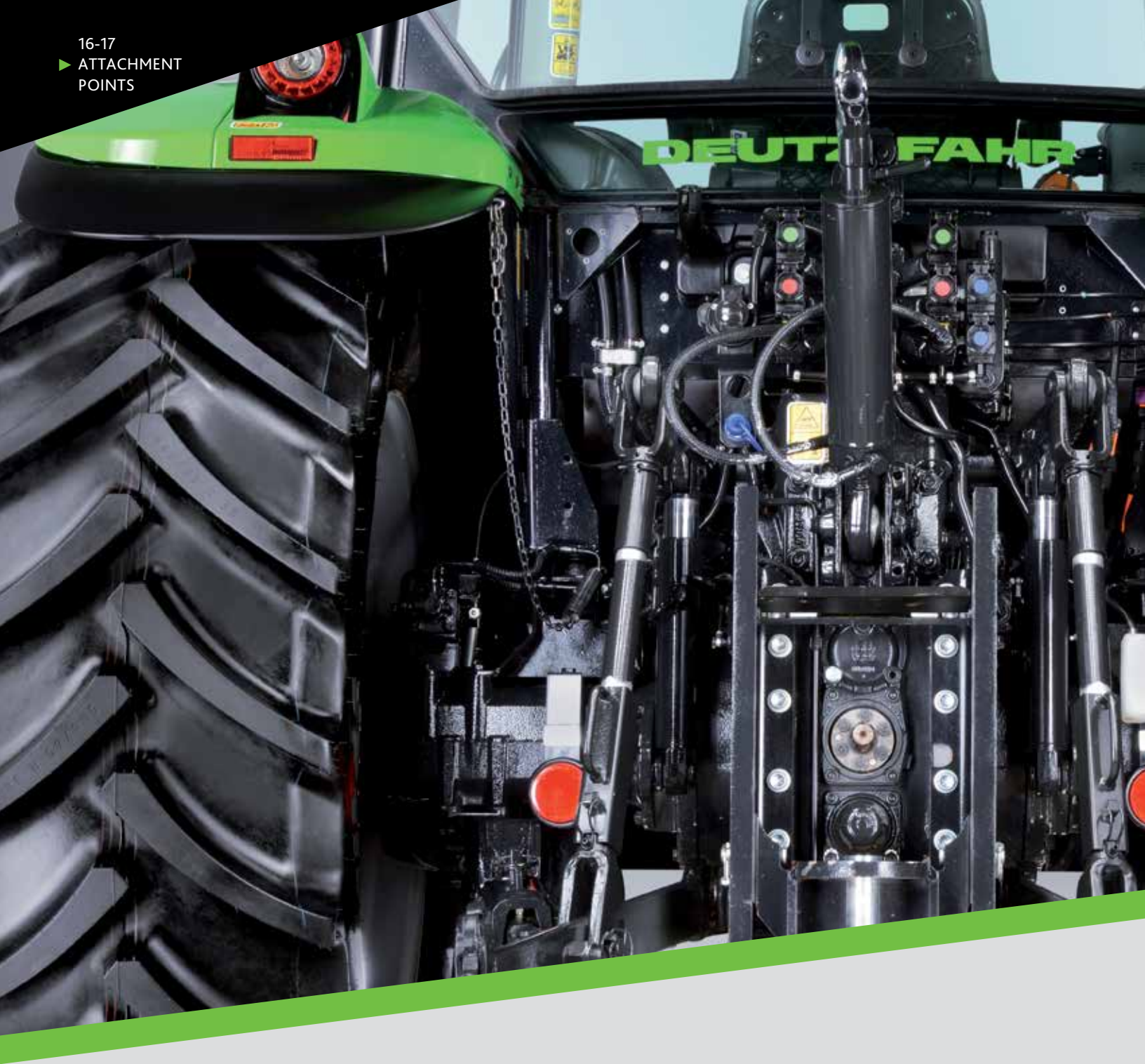


Air brake system (optional) for reliable braking of heavy rear towed equipment.

The front axle concept of the new 5G Series guarantees good maneuverability, safety and traction in all ground conditions. The compact front hood allows a steering lock angle of up to 50 degrees. The SDD rapid steering system, which halves the number of steering wheel turns needed, is available on select model. Safety is a top priority for DEUTZ-FAHR. The front axle – just like the rear axle – is fitted with internal wet disc brakes (4 wheel braking system). These engage simultaneously with the rear axle brakes using both foot brake pedals. An automotive-style mechanical parking brake is fitted as standard equipment for convenience. These reliably keep the new 5G Series stationary, even on steep grades. Electro-hydraulic engagement of the differential lock and four-wheel drive is also included as standard. All models have a 100% locking of the front and rear axle.



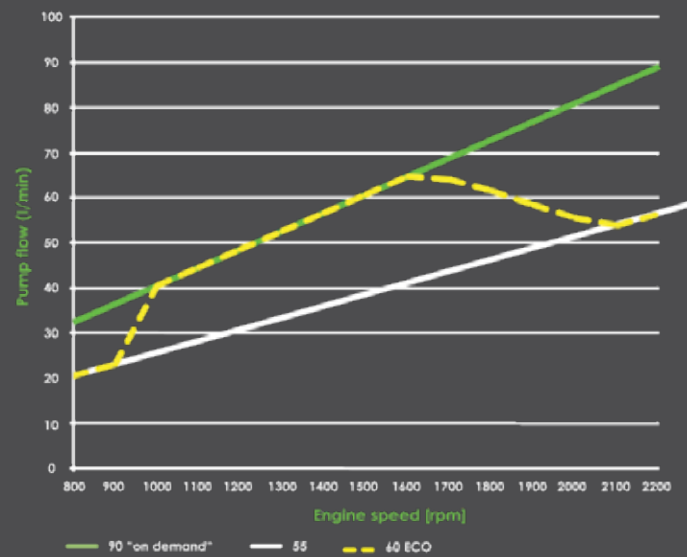
The SDD fast steering system. Half the steering wheel rotations, double the steering speed.



ATTACHMENT POINTS.
STRONG AND VERSATILE –
WITHOUT COMPROMISE.



The attachment points also demonstrate how well a utility tractor would suit your farm. With the new 5G Series, you can have almost any conceivable implement combination under precise control. Two different hydraulic variants are available – 14.5 gpm and 23.7 gpm. Double open center hydraulic pumps with a capacity of up to 23.7 gpm and new high-flow hydraulic valves deliver impressive performance – but only when it is needed, of course. Up to three mechanical rear remote valves can be used. Here there is a flow rate of up to 21 gpm per valve as well as a wide range of operating modes, such as float position, continuous flow and kick-out functions. The rear lift and auxiliary control valves can be operated independently of each other. With respect to the PTO, the new 5G Series offers much more than the average utility tractors. The rear has up to four PTO speeds: 540/540E/1000/1000E. The optional front PTO runs at 1,000 rpm. The rear 3-point hitch has an impressive maximum lifting capacity of up to 10,700 lb (depending on the model). The front linkage can lift a considerable 4,625 lb. The rear lift is available with either mechanical or electronic hitch control with an auto PTO function that operates depending on the rear hitch position.



Front lift and PTO. Lifting capacity of 4,625 lb and 1,000 PTO.



Mechanical or electronic rear hitch controls. The choice is yours.



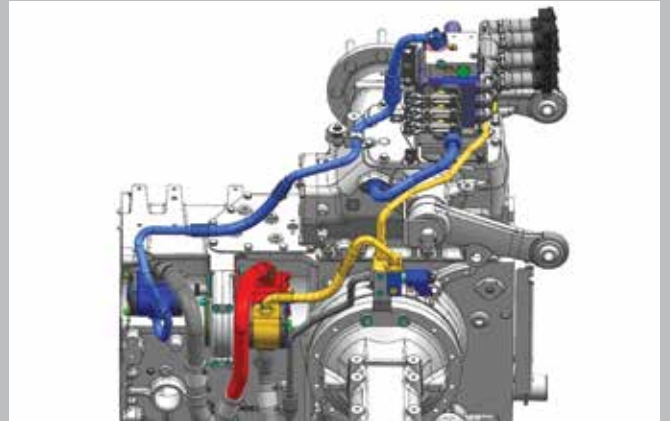
External PTO and hitch controls for straight forward equipment mounting and external equipment operation.



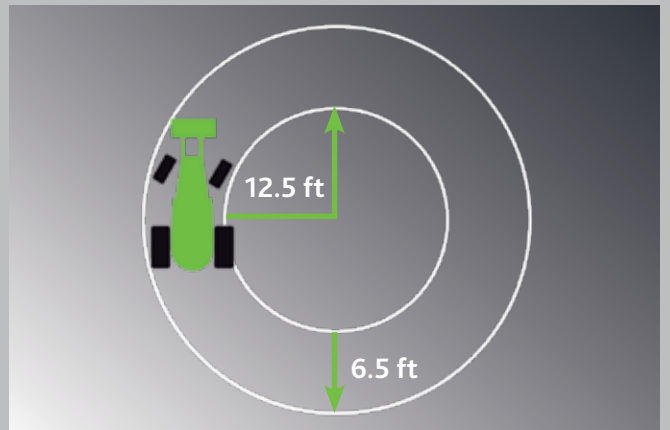
**THE NEW 5G SERIES. IN FRONT
WITH FRONT LOADER WORK –
WITHOUT COMPROMISES.**



Convenient Stop&Go, as well as steering double displacement (SDD) rapid steering system ...



Unique double-pump setup delivers up to 23.7 gpm of flow, when needed, using externally mounted gear pumps.



A turning circle of up to 12.5 ft (depending on model, tires and in optimum conditions) allows easy manoeuvring even in the tightest of spaces.



Choice of loader models: matched to fit the needs of the operation.

Feed, grain, soil, bales or even working platforms – there is always something to lift, shovel, load or move around each day. Just one look at the models of the new 5G Series is enough to know that these are the ideal front-loader tractors. With adjustable power shuttle, Stop&Go, and SDD rapid steering systems, they are versatile and easy to manoeuvre. The additional disc brakes on the front wheels ensure safety, whilst the double hydraulic pumps with a capacity of up to 23.7 gpm provide the flow and the rear wheel ballasting guarantees stability and balance. Various sunroof options offer an optimal view of the entire working area. The robust front loader is built by Quicke (Alo), an industry leader in the design and production of high performance front end farm loaders. A simple joystick control lever is conveniently integrated into the right side console for comfortable operation. Customers have a choice of loaders to fit the specific needs of the operation.



AUTUMN IS HERE. THE GRAIN STORES
ARE FULL. LET THE WINTER COME.
LOOK FORWARD TO THE NEXT SEASON.
WITH NEW JOBS FOR YOU AND YOUR
NEW 5G SERIES



TECHNICAL DATA		5G Series		
		5100 G	5110 G	5120 G
ENGINE				
Manufacturer		SDF	SDF	SDF
Engine		FARMotion	FARMotion	FARMotion
Emissions		Stage 4 (T4 Final)	Stage 4 (T4 Final)	Stage 4 (T4 Final)
Cylinders / capacity	No./liters	4/3.849	4/3.849	4/3.849
Turbo charged		●	●	●
Intercooled		●	●	●
Common rail direct injection	PSI/bar	29,000/2000	29,000/2000	29,000/2000
Maximum power (ECE R 120) @ 2000 rpm	hp/kW	97/71	106/78	116/85
Power at rated speed (ECE R 120) @ 2200 rpm	hp/kW	92/67.3	101/74	110/80.6
Max. torque	lb-ft/Nm	284/386 @ 1600 rpm	312/424 @ 1600 rpm	340/462 @ 1600 rpm
Torque rise	%	32	32	32
Electronic engine management		●	●	●
Exhaust gas after-treatment system		SCR	SCR	SCR
PowerCore air filter		●	●	●
Fuel tank capacity	gal/liters	34.7/135	34.7/135	38.3/145
AdBlue tank capacity	gal/liters	2.1/8	2.1/8	2.5/10
Engine speed memories with button		2	2	2
TRANSMISSION				
Manufacturer		SDF	SDF	SDF
Mechanical synchronized reverse shuttle		●	-	-
Electro-hydraulic reverse power shuttle Shuttle modulation with 5 adjustable settings		○	●	●
Stop&Go System		●	●	●
Standard transmission		10x10	40x40	60x60
Main clutch type		Dry single disc	Wet multi-disc	Wet multi-disc
5-speed main gear box		●	●	●
Number of Ranges		2	4	4
Power shifts		-	HI/LO	HI/MED/LO
Max. transport speed	mph/kph	25 / 40	25 / 40	25 / 40
De-clutch button		-	●	●
Optional transmission		20x20	-	-
Main clutch type		Wet multi-disc	-	-
5-speed main gear box		●	-	-
Number of Ranges		2	-	-
Power shifts		HI/LO	-	-
Max. transport speed	mph/kph	25 / 40	-	-
De-clutch button		●	-	-
Planetary final drives		●	●	●
PTO				
Electrohydraulic engagement		●	●	●
Rear PTO 540/540E	rpm	●	●	●
Rear PTO 1000/1000E	rpm	○	●	●
Ground speed PTO		○	○	○
Front PTO 1000	rpm	○	○	○
AXLES AND BRAKES				
Four wheel drive electro-hydraulically engaged		●	●	●
Electrohydraulically engaged differential lock 100%		●	●	●
4-wheel braking		●	●	●
Hydrostatic steering with independent pump		●	●	●
SDD steering system		○	●	●
Trailer air braking valve		○	○	○
Mechanical parking brake		●	●	●
Integrated front axle brakes		●	●	●

TECHNICAL DATA

5G Series

5100 G

5110 G

5120 G

HYDRAULIC SYSTEM

Open-center hydraulic system		●	●	●
Pump output	gpm/lpm	14.5/55	14.5/55	23.7/90
Rear remote valves (std.)	No.	1	2	3
Rear remote valves (opt.)	No.	2	3	-
Mechanical rear hitch control		●	-	-
Electronic rear hitch control		○	●	●
Rear hitch lift capacity (std)	lb/kg	7,925/3600	7,925/3600	10,700/4885
Rear hitch fender controls		○	●	●
Front hitch		○	○	○
Front hitch lift capacity	lb/kg	4,625/2100	4,625/2100	4,625/2100

ELECTRICAL SYSTEM

Voltage	V	12	12	12
Alternator	V/A	12/150	12/150	12/150
Battery	V/AH/A	12/100/650	12/100/650	12/100/650

CAB

Hydro Silent Block cab suspension		●	●	●
Air conditioning (HVAC)		●	●	●
High-visibility roof		○	●	●
Driver seat with air suspension		●	●	●
Instructor's seat		○	●	●
Adjustable steering wheel		●	●	●
Digital and analog front dash		●	●	●
Front and rear wiper		●	●	●
Right and left external mirrors		●	●	●
7-pin trailer lighting plug		●	●	●
Battery disconnect switch		●	●	●
Roofline work lights front and rear		●	●	●
Complete sound system with Bluetooth		●	●	●

DIMENSIONS AND WEIGHTS

Standard rear tires	Size	420/70 R24 front / 480/70 R34 rear	420/70 R24 front / 480/70 R34 rear	380/70 R28 front / 480/70 R38 rear
Tire design		Radial	Radial	Radial
Max. length	in/mm	167/4260	167/4260	168/4265
Wheelbase	in/mm	94/2400	94/2400	94/2400
Min./max. width	in/mm	81-93/2065-2365	81-93/2065-2365	87-102/2209-2609
Min./max. height	in/mm	104-106/2650-2700	104-106/2650-2700	105-109/2680-2780
Shipping weight	lb/kg	8,625/3920	8,625/3920	9,525/4320
Max. allowable weight	lb/kg	13,650/6200	13,650/6200	16,525/7500

●: standard ○: optional -: not available

Dealer

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