



5G SERIES

DEUTZ-FAHR  
5080G - 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		5080G	5100G	5110G	5120G
3 cylinders	Max. power (HP/kW)	75/55.4	-	-	-
4 cylinders	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 four models with an output of 75 hp to 116 hp splitted in 3 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 Powershuttle. 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.







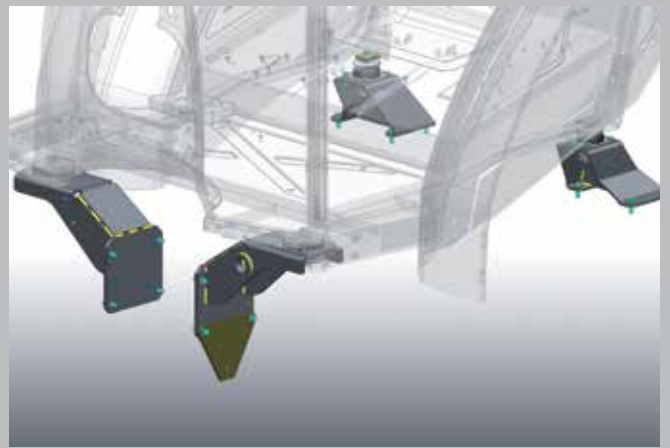


INTO THE BARN, OUT OF THE BARN.  
INTO THE YARD, OUT OF THE YARD.  
ONTO THE ROAD. INTO THE FIELD AND  
BACK TO THE FARM. AND THE WHOLE  
CYCLE AGAIN TOMORROW. THE NEW  
5G SERIES ADAPTS PERFECTLY TO YOUR  
DAILY WORK ROUTINE.





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.



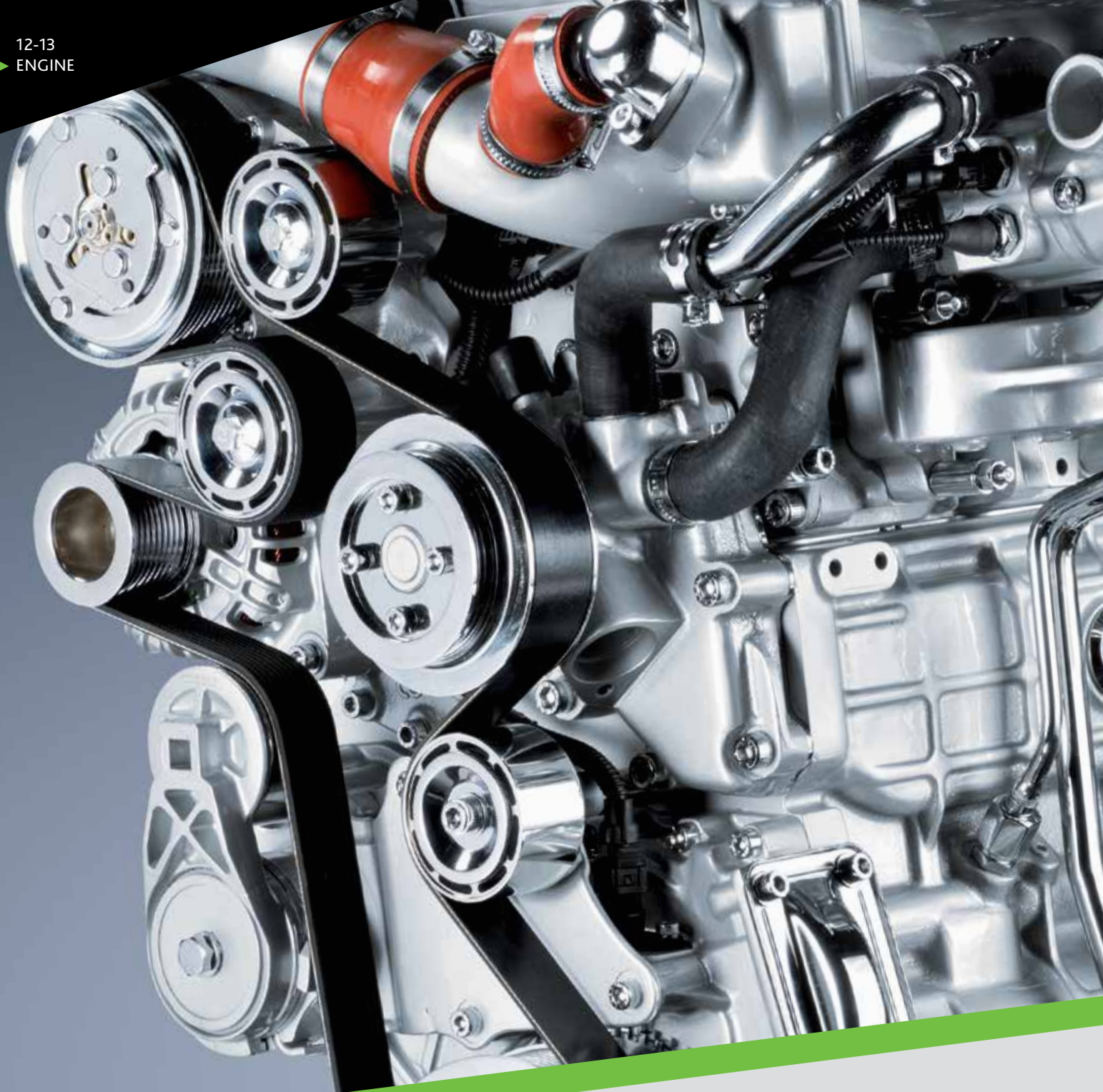






LUSH GREEN FIELDS. THE ANIMAL FEED CROPS LOOK GOOD. ACCORDING TO THE FORECAST, THE WEATHER WILL BE FINE FOR A WHILE. NOW IS THE TIME TO ACT QUICKLY. THE NEW 5G SERIES HELPS TO WIN THE RACE AGAINST TIME.



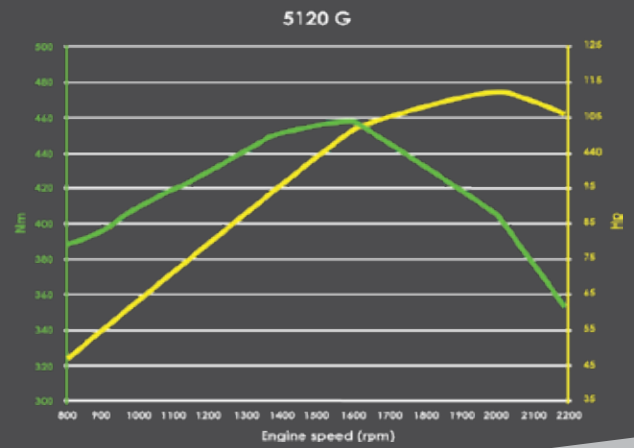


FARMOTION STAGE 4 (TIER4 FINAL)  
ENGINES. UNCOMPROMISINGLY  
EFFICIENT.





Under the bonnet of the new 5G Series, there are state-of-the-art, compact, three- and four-cylinder FARMotion Stage 4 (Tier4 Final) engines with an output of 75–116 hp. These have been specifically designed and developed for agricultural use in order to meet the toughest requirements. Thanks to the electronic common-rail injection system with a pressure of 29,000 PSI, air-cooled turbocharger and selective catalyst reduction (SCR) system, the engines now deliver 5% more power and torque on average than their predecessors (for the 5080G model, 75 hp only with diesel oxidation catalyst (DOC) catalytic converter and no SCR system). Both fuel consumption and emissions are extremely low. Engine efficiency is supported by the PowerCore air filter and the new cooling system with optional viscous fan. The cooling system can be accessed almost instantly. This makes cleaning and maintenance work much easier.



State-of-the-art selective catalyst reduction (SCR) exhaust technology.



A fuel tank that holds up to 38.3 gallons and 2.5 gallons of DEF, allows long working periods. (depending on model)



The PowerCore air filter supports engine efficiency ...



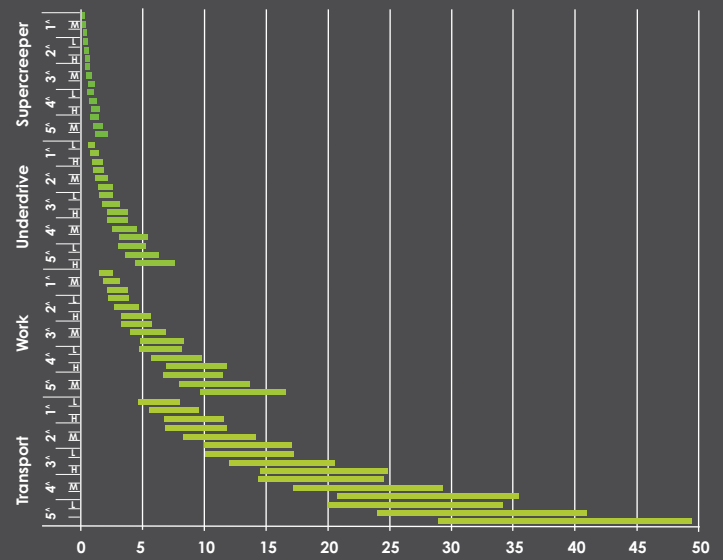
... as does the easy-to-clean cooling system with optional viscous fan.





EFFICIENT TRANSMISSION.  
GET INTO GEAR WITHOUT  
COMPROMISE.

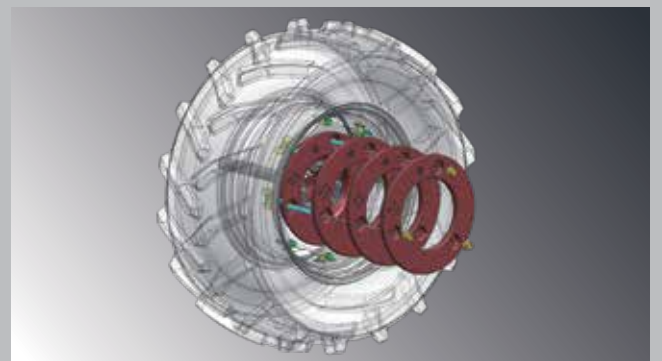




Comfort clutch and Powershift. Simply change gear at the push of a button without pressing the clutch.



Mechanical reverse shuttle or Powershift 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 four or five speeds, mechanical or electro-hydraulic reverse shuttle and up to four gear ranges (high, medium, low and creeper) with two or three Powershift speeds, and a minimum of eight up to maximum of sixty forward and reverse gears. Naturally, for all models with five speed variants, the highest efficiency is reached at 25 mph Eco with reduced engine speed. Thanks to Powershift design, engine speed can be increased or decreased under load simply by pressing a button on the gear shift lever without activating the clutch. The Powershuttle (optional) 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 Powershuttle is the convenient Stop&Go function for stopping and moving off without using the clutch.





AXLES AND BRAKES.  
UNCOMPROMISING SAFETY  
IN EVERY SITUATION.





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



Mechanical or Hydraulic Parking Brake. The choice is yours.



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

The front axle concept of the new 5G Series guarantees good manoeuvrability, safety and traction in all ground conditions. The compact bonnet 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 as an option on every model. Safety is a top priority for DEUTZ-FAHR. The front axle – just like the rear axle – is fitted with disc brakes (4 wheel braking system). These engage without connecting the front drive. A mechanical parking brake is fitted as standard with the option of a Hydraulic Parking Brake. These reliably keep the new 5G Series stationary, even on steep gradients. 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 rapid steering system. Half the steering wheel rotation, double the steering speed.





THE HARVEST HAS BEEN BROUGHT IN. THE SOIL IS READY FOR NEXT YEAR'S CROPS. DRILLING, FERTILIZATION, MAINTENANCE – YOU HAVE IT ALL UNDER CONTROL. IT'S NICE TO HAVE SOMETHING YOU CAN RELY ON IN ANY SITUATION. THE NEW 5G SERIES CERTAINLY FITS THE BILL.



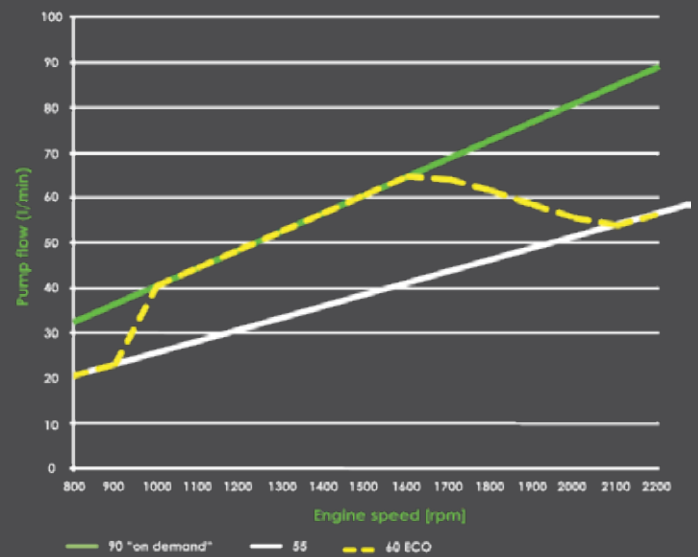






ATTACHMENT POINTS.  
STRONG AND VERSATILE –  
WITHOUT COMPROMISE.





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 straightforward equipment mounting and external equipment operation.

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 centre 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 four control valves can be used – three mechanical and one electric. 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 and 1000/1000E. The front PTO runs at 1,000 rpm. The electro-hydraulic connection is fitted as standard. An impressive maximum rear lifting capacity of 11,900 lb (depending on the model). The front linkage can lift a considerable 4,625 lb. The rear lift is available with mechanical or optional with a electronic hitch control with a PTO automatic function depending on the position.







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





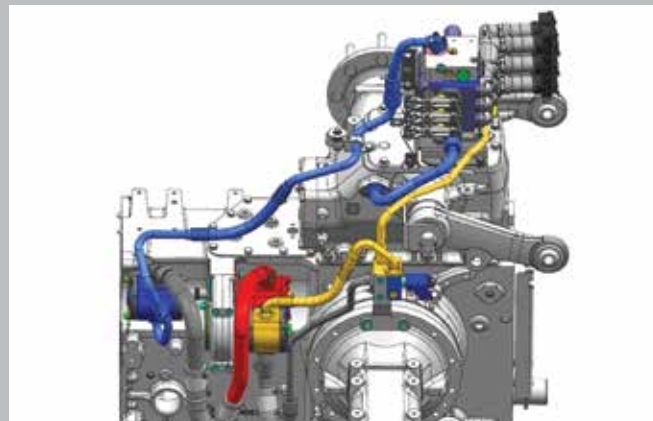


THE NEW 5G SERIES. IN FRONT  
WITH FRONT LOADER WORK –  
WITHOUT COMPROMISES.

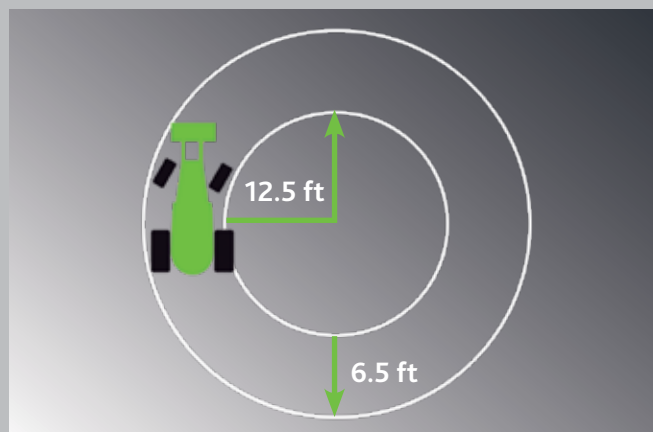




Convenient Stop&Go, as well as steering double displacement (SDD) rapid steering system ...



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 loaders 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 Powershuttle, 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 60 l/min ECO or 90 l/min 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 front loader is conveniently operated by a fully integrated lever with Powershift function. The front loader is conveniently operated by a mechanical lever integrated into the right side console for comfortable operation. Customers have a choice of loaders to fit the specific needs of the operation.









WHEN DEVELOPING THE NEW  
5G SERIES, DEUTZ-FAHR THOUGHT  
OUTSIDE THE BOX – AND OUTSIDE THE  
FIELD. THE CAB, ENGINE, TRANSMISSION,  
AXLES, BRAKES AND ATTACHMENT  
AREAS ARE ALL ALSO DESIGNED TO  
HANDLE TOUGH FORESTRY WORK.



TECHNICAL DATA		5G SERIES			
		5080 G	5100 G	5110 G	5120 G
ENGINE					
Manufacturer		SDF	SDF	SDF	SDF
Engine		FARMotion	FARMotion	FARMotion	FARMotion
Emissions		Stage 4 (T4 Final)	Stage 4 (T4 Final)	Stage 4 (T4 Final)	Stage 4 (T4 Final)
Cylinders/Capacity	No./liters	3/2.887	4/3.849	4/3.849	4/3.849
Turbo intercooler		●	●	●	●
Viscous fan		O	O	O	O
Common Rail	PSI/bar	29,000/2000	29,000/2000	29,000/2000	29,000/2000
Maximum power (ECE R 120) @2000 rpm	hp/kW	75/55	97/71	106/78	116/85
Maximum power at rated speed (ECE R 120) @2200 rpm	hp/kW	75/55	92/67.3	101/74	110/80.6
Max. torque	lb.-ft/Nm	252/342 @ 1500 rpm	284/386 @ 1600 rpm	312/424 @ 1600 rpm	340/462 @ 1600 rpm
Torque rise	%	42	32	32	32
Electronic engine management		●	●	●	●
Exhaust gas after-treatment system		DOC	SCR	SCR	SCR
PowerCore air filter		●	●	●	●
Fuel tank capacity	gal/liters	34.3/130	34.7/135	34.7/135	38.3/145
AdBlue tank capacity	gal/liters	-	2.1/8	2.1/8	2.5/10
TRANSMISSION					
Manufacturer		SDF	SDF	SDF	SDF
Mechanical Reverse Shuttle		-	O	-	-
Electro-hydraulic reverse shuttle		●	●	●	●
Powershuttle with 5 adjustable settings		●	●	●	●
Stop&Go System		●	●	●	●
4-speed gearbox		-	O	-	-
Number of speeds	No.	-	8+8	-	-
Number of speeds with underdrive and supercreeper gear	No.	-	16+16	-	-
5-speed gearbox		●	●	●	●
Number of speeds	No.	10+10	10+10	10+10	10+10
Number of speeds with underdrive and supercreeper gear	No.	20+20	20+20	20+20	20+20
4-speed gearbox with duplex Powershift speeds		-	O	-	-
Number of speeds	No.	-	16+16	-	-
Number of speeds with underdrive and supercreeper gear	No.	-	32+32	-	-
5-speed gearbox with duplex Powershift speeds		O	O	O	O
Number of speeds	No.	20+20	20+20	20+20	20+20
Number of speeds with underdrive and supercreeper gear	No.	40+40	40+40	40+40	40+40
5-speed gearbox with triple Powershift speeds		O	O	O	O
Number of speeds	No.	30+30	30+30	30+30	30+30
Number of speeds with underdrive and supercreeper gear	No.	60+60	60+60	60+60	60+60
PTO					
Electrohydraulic engagement		●	●	●	●
Rear PTO 540/540E	rpm	●	●	●	●
Rear PTO 1000/1000E	rpm	O	O	O	O
Ground speed PTO		O	O	O	O
Front PTO 1000	rpm	O	O	O	O
AXLES AND BRAKES					
Four wheel drive electro-hydraulically engaged		●	●	●	●
Electrohydraulically engaged differential lock 100%		●	●	●	●
4-wheel braking		O	●	●	●
Hydrostatic steering with independent pump		●	●	●	●
SDD steering system		O	O	O	O
Trailer air braking valve		O	O	O	O
Mechanical parking brake		●	●	●	●
Hydraulic parking brake (HPB)		O	O	O	O



TECHNICAL DATA		5G SERIES			
		5080 G	5100 G	5110 G	5120 G
HYDRAULIC SYSTEM					
Open-centre hydraulic system		●	●	●	●
Pump output (std.)	gpm/lpm	14.5/55	14.5/55	14.5/55	14.5/55
Pump output (opt.)		-	-	-	23.7/90
Rear remote valves (std.)	No.	2	2	2	2
Rear remote valves (opt.)	No.	3	3	3	3
Mechanical rear hitch control		●	●	●	●
Electronic rear hitch control		O	O	O	O
Rear hitch lift capacity (std)	lb/kg	7,925/3600	7,925/3600	7,925/3600	7,925/3600
Rear hitch lift capacity (cyl.36mm)	lb/kg	9,975/4525	9,975/4525	9,975/4525	-
Rear hitch lift capacity (cyl.42mm)	lb/kg	-	-	-	10,700/4855
Rear hitch lift capacity (cyl.50mm)	lb/kg	-	-	-	11,925/5410
Front hitch		O	O	O	O
Front hitch lift capacity	lb/kg	4,625/2100	4,625/2100	4,625/2100	4,625/2100
ELECTRICAL SYSTEM					
Voltage	V	12	12	12	12
Alternator	V/A	12/120	12/150	12/150	12/150
Battery	V/AH/A	12/88/580	12/100/650	12/100/650	12/100/650
CAB					
Hydro Silent Block suspension		-	-	-	-
Air conditioning		O	O	O	O
High-visibility roof		O	O	O	O
Driver seat with mechanical suspension		●	●	●	●
Driver seat with air suspension		O	O	O	O
Instructor's seat		O	O	O	O
DIMENSIONS AND WEIGHTS					
Standard rear tires	Size	360/70 R20 420/70 R30	420/70 R24 480/70 R34	420/70 R24 480/70 R34	340/85 R28 420/85 R38
Max. tires	Size	320/85 R24 340/85 R36	280/85 R28 340/85 R38	280/85 R28 340/85 R38	440/65 R28 540/65 R38
Max. length	in/mm	161/4100	167/4260	167/4260	168/4265
Wheelbase	in/mm	90/2295	94/2400	94/2400	94/2400
Min./max. width	in/mm	80-92/2037-2341	81-93/2065-2365	81-93/2065-2365	87-102/2209-2609
Min./max. height	in/mm	102-104/2600-2650	104-106/2650-2700	104-106/2650-2700	105-109/2680-2780
Weight	lb/kg	7,925/3600	8,625/3920	8,625/3920	9,525/4320
Max. weight	lb/kg	12,775/5800	13,650/6200	13,650/6200	16,525/7500

●: standard O: optional -: not available



ROADS AND SITE MAINTENANCE, CLEANING OPERATIONS, TRANSPORT WORK AND WINTER SERVICES – FOR MUNICIPAL APPLICATIONS, THE NEW 5G SERIES IS FAR SUPERIOR TO OTHER VEHICLE CONCEPTS THANKS TO ITS SIZE AND VERSATILE DESIGN. DAY AFTER DAY, ALL YEAR LONG.









Dealer

Distributor:  
PFG America, LLC  
535 Hurricane Shoals Court  
Suite 100  
Dacula, GA 30019  
[www.deutz-fahramerica.com](http://www.deutz-fahramerica.com)



Deutz-Fahr and its logos are trademarks of Same Deutz-Fahr Italia S.P.A. in the U.S. and other countries used under license by PFG America, LLC. PFG America and logo are trademarks licensed to PFG America, LLC, which is the exclusive distributor of the Deutz-Fahr brand in the USA. Other logos are the trademarks of their respective owners. The standard and optional equipment and the availability of individual models might vary from one country to the next. PFG America reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without any obligation whatsoever to make such modifications to units already sold. This brochure is for descriptive purposes only and while reasonable efforts were made to ensure that the specifications, descriptions, and illustrations in this brochure are correct at the time of printing, these are also subject to change without prior notice. Illustrations might show optional equipment, and might not show all standard equipment. PFG America disclaims all representations and warranties, express or implied, or any liability from the use or reliance upon this brochure. Power and other specifications are based on various standards or recommended practices not addressed herein. ©2018 PFG America, LLC. All Rights Reserved.