

5G SERIES



DEUTZ-FAHR
5080 G - 5090 G - 5100 G
5090.4 G - 5105.4 G - 5115.4 G



DEUTZ-FAHR 5G SERIES, EXTREMELY VERSATILE.

With its new 5G Series, DEUTZ-FAHR offers a range of tractors of unparalleled efficiency, with pioneering new modular technology employed to offer a choice of three different Powertrain variants: "HD" (the natural evolution of the Agrofarm range), and the lighter duty, more compact "MD" and the "LD" versions. The 5G Series is not only more evolved, it also offers a larger choice of models than before, to offer the market an ideally suited tractor for every possible application. These state of the art machines are engineered for maximum versatility at work combined with incredible flexibility in terms of specification, to cater even for clients with specific needs.

The new 5G Series also boasts unique safety features as standard, for unrivalled safety in all possible working conditions.

ENGINE – 100% AGRICULTURAL

The brand new FARMotion Tier 4i engines powering the 5G Series employ state of the art technology to deliver extraordinary performance, reliability and durability. 3 or 4 cylinder variants are offered, with Bosch electronically controlled common rail injection, turbo-intercooler forced induction and DOC exhaust gas after-treatment system.

IDEAL FOR WORKING WITH A FRONT LOADER

The factory-fitted "Ready Kit" for installation of a front loader unleashes the full potential of a tractor-front loader combination. Together with the other unique strengths of the 5G Series, the "Ready Kit" makes these tractors ideal for use with DEUTZ-FAHR front loaders.

- Ready kit (frame, supplementary hydraulic and electric circuits, joystick)
- + sturdy front axle
- + 60 ECO hydraulic system (maximum delivery at 1,600 rpm)
- + high visibility roof with FOPS protective structure
- + SDD rapid steering system, which halves the number of steering wheel turns needed and cuts manoeuvre times
- + "Stop&Go" system letting the driver stop the tractor using the brake pedal only.



5G SERIES "HD"

- 3 models (5090.4 - 5105.4 - 5115.4)
- 4 cylinder FARMotion engine
- Lift capacity 4,800 Kg
- Maximum permissible weight 7,400 Kg
- Maximum tyre size 38"

5G SERIES "MD"

- 5 models (5090 G - 5090.4 G - 5100 G - 5105.4 G - 5115.4 G)
- 3 or 4 cylinder FARMotion engines
- Lift capacity 3,600 Kg
- Maximum permissible weight 6,200 Kg
- Maximum tyre size 34"

5G SERIES "LD"

- 3 models (5080 G - 5090 G - 5100 G)
- 3 cylinder FARMotion engine
- Lift capacity 3,500 Kg
- Maximum permissible weight 5,500 Kg
- Maximum tyre size 30"

TRANSMISSIONS AND PTO

The new 5G Series offers a good choice of transmission options, each boasting extraordinary levels of efficiency. A choice of four or five gears, up to 4 working ranges (slow, fast, underdrive and super-creeper), two or three Powershift speeds and a mechanical or hydraulic power shuttle offer a generous selection of options allowing the transmission to suit specific operational requirements. From 8 to 60 speeds in both directions and the ability to cruise at a road speed of 40 Km/h at engine economy speed. To further enhance the efficiency of the tractor, the 5G Series is offered with all 4 standardised PTO speeds (540/540ECO, 1,000/1,000ECO), all of which electrohydraulically engaged. Tractors with front hitch may also be equipped with an optional front PTO, with a standard operating speed of 1,000 rpm, while a groundspeed variant completes the choice of PTO options on offer.

A CLASS-BEATING CAB

The new 4-post D-Class2 cab offers an extremely functional working environment with extraordinary ergonomics and comfort. Boasting an eye-catching design, innovative materials and logically laid out, colour-coded controls, the cab of the new 5G Series raises the bar for its class.

INNOVATIVE HYDRAULIC SYSTEM

The new 5G Series offers a choice of modular and efficient hydraulic systems. The standard configuration is a 55 l/min open centre system with up to 4 8-way rear auxiliary valves (two of which are electronically controlled). The ECO variant uses a two mechanically controlled pumps with a flow regulator, capable of delivering the maximum flow of 60 l/min at just 1,600 rpm, to ensure high hydraulic flow rates even under partial load.



IMPRESSIVE POWER CONTROLLED WITH PRECISION

The mechanical rear hitch fitted as standard features position and draft control. The electronically control (EHR) hitch offered as an option ensures extremely precise draft and position control. In addition to mixed and floating modes, the EHR system also performs a number of other functions: quick soil engagement (float position), oscillation damping for transport use with implements mounted on the 3-point linkage, "STOP" button to pause hitch operation, lift height limiter and rate of drop control. Maximum lift capacity is up to 4,800 Kg for the rear linkage, and 1,850 Kg for the front hitch.



Technical data and pictures are guideline only. Committed to delivering a product 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.

| TECHNICAL DATA | | 5G "HD" SERIES | | |
|--|------------|----------------|---------------|---------------|
| | | 5090.4 | 5105.4 | 5115.4 |
| ENGINE | | | | |
| Emissions | | Tier4i | Tier4i | Tier4i |
| Model | | FARMotion | FARMotion | FARMotion |
| Cylinders/Displacement/Valves | No./cc/No. | 4/3849/2 | 4/3849/2 | 4/3849/2 |
| Common Rail | bar | 2,000 | 2,000 | 2,000 |
| Turbo intercooler | | ● | ● | ● |
| Maximum power (ECE R 120) @ 2,000 rpm | kW/hp | 65/88 | 75/102 | 80/109 |
| Power at rated speed (ECE R 120) @2,200 rpm | kW/hp | 61.6/84 | 71.1/97 | 75.8/103 |
| Max. torque @ 1,600 rpm | Nm | 354 | 408 | 436 |
| Torque rise | % | 32 | 32 | 30 |
| Electronic engine control | | ● | ● | ● |
| Exhaust gas after-treatment system | | DOC / exEGR | DOC / exEGR | DOC / exEGR |
| Fuel tank capacity | litres | 152 | 152 | 152 |
| SHUTTLE | | | | |
| Mechanical Shuttle (LS) | | ● | ● | ● |
| Hydraulic reverse power shuttle (GS) | | ● | ● | ● |
| Stop&Go System (GS) | | ● | ● | ● |
| MECHANICAL GEARBOX | | | | |
| 4-speed | | ● | ● | - |
| Number of speeds | n° | 8 + 8 | 8 + 8 | - |
| Number of speeds with supercreeper gear and underdrive | n° | 16 + 16 | 16 + 16 | - |
| 5-speeds gearbox | | ○ | ○ | ● |
| Number of speeds | n° | 10 + 10 | 10 + 10 | 10 + 10 |
| Number of speeds with supercreeper gear and underdrive | n° | 20 + 20 | 20 + 20 | 20 + 20 |
| MECHANICAL HI-LO TRANSMISSION | | | | |
| 4-speed | | ○ | ○ | - |
| Number of speeds | n° | 16 + 16 | 16 + 16 | - |
| Number of speeds with supercreeper gear and underdrive | n° | 32 + 32 | 32 + 32 | - |
| 5-speeds gearbox | | ○ | ○ | ○ |
| Number of speeds | n° | 20 + 20 | 20 + 20 | 20 + 20 |
| Number of speeds with supercreeper gear and underdrive | n° | 40 + 40 | 40 + 40 | 40 + 40 |
| Powershift number of speeds | n° | 2 | 2 | 2 |
| POWERSHIFT GEARBOX | | | | |
| 5-speeds gearbox | | - | - | ○ |
| Number of speeds with supercreeper gear and underdrive | n° | - | - | 60 + 60 |
| Powershift number of speeds | n° | - | - | 3 |
| REAR PTO | | | | |
| electrohydraulic engagement | | ● | ● | ● |
| P.T.O. 540/540ECO | | ● | ● | ● |
| P.T.O. 540/540ECO/1,000/1,000ECO | | ○ | ○ | ○ |
| Ground speed PTO | | ○ | ○ | ○ |
| FRONT PTO | | | | |
| PTO 1000 | | ○ | ○ | ○ |
| FRONT AND REAR AXLE | | | | |
| Front wheel drive electrohydraulically engaged | | ● | ● | ● |
| Electrohydraulically operated differential lock | | ● | ● | ● |
| BRAKES AND STEERING | | | | |
| 4-wheel braking (40 km/h models) | | ● | ● | ● |
| Mechanical parking brake | | ● | ● | ● |
| Hydraulic parking brake | | ○ | ○ | ○ |
| Trailer hydraulic braking valve | | ○ | ○ | ○ |
| Trailer pneumatic braking valve | | ○ | ○ | ○ |
| Hydrostatic steering with independent pump | | ● | ● | ● |
| SDD system | | ○ | ○ | ○ |
| HITCH | | | | |
| Rear hitch mechanical | | ● | ● | ● |
| Rear hitch electronic | | ○ | ○ | ○ |
| Rear hitch lift capacity (std) | kg | 3600 | 3600 | 4800 |
| Rear hitch lift capacity (opt) | kg | - | 4800 | - |
| Front hitch | | ○ | ○ | ○ |
| Front hitch capacity | kg | 1850 | 1850 | 1850 |
| HYDRAULIC SYSTEM | | | | |
| Pump output (std) | l/min | 55 | 55 | 55 |
| Pump output (opt) | l/min | 60ECO | 60ECO | 60ECO |
| Open centre hydraulic system | | ● | ● | ● |
| Rear auxiliary valves | n° of ways | 4 / 6 / 6 + 2 | 4 / 6 / 6 + 2 | 4 / 6 / 6 + 2 |
| CAB | | | | |
| Air conditioning | | ○ | ○ | ○ |
| High visibility roof | | ○ | ○ | ○ |
| Driver seat with mechanical suspension | | ● | ● | ● |
| Driver seat with air suspension | | ○ | ○ | ○ |
| Passenger seat | | ○ | ○ | ○ |
| DIMENSIONS AND WEIGHTS | | | | |
| Standard rear tyres | | 480/70R34 | 480/70R34 | 480/70R34 |
| Max. length with rear linkage | mm | 4314 | 4314 | 4314 |
| Width (min./max.) | mm | 2209 / 2609 | 2209 / 2609 | 2209 / 2609 |
| Wheelbase (4WD/2WD) | mm | 2400 / 2360 | 2400 / 2360 | 2400 / 2360 |
| Front track (min./max.) | mm | 1728 / 2128 | 1728 / 2128 | 1728 / 2128 |
| Rear track (min./max.) | mm | 1706 / 2106 | 1706 / 2106 | 1706 / 2106 |
| Max. height at cab | mm | 2730 | 2730 | 2730 |
| Weight with cab | kg | 4200 | 4200 | 4300 |
| Maximum load capacity | kg | 7000 | 7000 | 7400 |

STD ● OPT ○ versions only

Dealer



Deutz-Fahr recommends original lubricants and coolants.

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