



"I want a tractor that looks to the future. One that reflects my attitude towards farming."

"I want technology that helps me cultivate my love of the land."



**FORTIS**  
150.4 | 160.4 | 150 | 160 | 180 | 190



FORTIS		150.4	160.4	150	160	180	190
Engine		TCD 4.1 L04 4V Tier 4i		TCD 6.1 L06 4V Tier 4i			
Injection type/Pressure		DCR/1600 bar		DCR/1600 bar			
Cylinders/Displacement	n°/cc	4/4038		6/6057			
Approved fuel (i)		Diesel, B100					
Power at rated engine speed (ECE R-120)	kW/hp	101/137	115/156	101/137	115/156	123/167	135/184
Rated engine speed	rpm	2100					
Maximum power (ECE R-120)	kW/hp	110/149	122/166	110/149	122/166	129/175	142/193
Homologated power (2000/25/EC)	kW/hp	103/139	113/153	104/141	120/163	128/174	142/193
Constant power rpm	rpm	1600-2100					
Maximum torque	Nm	605	672	605	672	740	820
Max. torque revs	rpm	1600					
Fuel tank capacity	l	230		300			
AdBlue tank capacity	l	28		35			
No. of speeds		24/24 or 40/40					
No. of Powershift speeds		4					
Top speed		40 km/h - 50 km/h (depending on national restrictions)					
Speed matching		std					
Power Shuttle		Wet multiplate clutch with modulation control					
Front axle suspension		opt					
ASM		std					
Rear PTO speeds	rpm	540/540E/1000/1000E					
PTO control on fenders		std					
Front PTO speeds	rpm	1000					
Maximum lifting capacity (front/rear)	kg	4000/9200					
Load sensing hydraulic system with variable displacement pump		II/III					
3-pt linkage control on fenders		std					
Radar		opt					
Fixed displacement pump (std)	l/min	83					
Variable displacement load sensing pump (opt)	l/min	120					
Remote valves (std / opt)		4/7					
Control on fenders		std for "Infinity" versions					
Dedicated steering pump	l/min	42					
Power brake		std					
Air/hydraulic trailer braking		opt					
Standard front/ rear tyres		18.4R38/16.9R24	16.9R28/20.8R38	18.4R38/16.9R24	16.9R28/20.8R38	16.9R30/650/65R42	
S-Class-2 cab with "warm grey" interior		std					
PowerCom5 armrest		std for "Infinity" versions					
Headland management control (SDS)		std for "Infinity" versions					
Iso-Bus interface and ISO-Bus socket		opt					
iMonitor		opt					
Padded passenger seat		opt					
Wheelbase	mm	2419		2647		2767	
Length	mm	4300		4686		4806	
Width	mm	2500					
Weight	kg	5500	5670	5740	5870	6360	6660
Maximum permissible weight	kg	9500	10000	9500	10000	11000	12000

LOCAL DEALERSHIP

S: The use of SDF original lubricants and coolants is recommended

**SDF**  
DEUTZ-FAHR is a brand of **SAME DEUTZ-FAHR**  
www.same-tractors.com



SAME FORTIS



"Increased performance means increased productivity."

"To progress, farming needs technologically advanced machines."

## LOW CONSUMPTION, LOW EMISSIONS, HIGH PERFORMANCE.

Designed to excel in all open field tasks, the Fortis range is a new generation of medium-high power tractors that takes farming technology and productivity to new levels. But that's not all. Reliability, operator comfort and superior features are the characteristics that make the Fortis a trailblazing tractor. Cleverly developed for today's innovative farming methods.

## DESIGNED FOR YOU, AND FOR YOUR LAND.

SAME tractors have always been able to adapt to the land. And the the Fortis is no exception. Deutz TDC Tier 4i engine with electronic management and SCR technology, 50 km/h transmission with 4-stage Powershift, electronic hitch control with radar, these are some of the features that make the Fortis the ideal tractor in all working situations. And on all types of terrain.

## PREPARE THE WORK HORSES.

Successful farming depends on having the right tools for the job, and choosing the right tractor is not just a question of horsepower. That's why, to meet the multiple needs of farmers, the Fortis range offers an extensive choice not just of models, but also specification packages. The Infinity version, for example, offers a range of technologically advanced features, suitable for both contractors and farmers. For farmers who demand the best.

# FORTIS

150.4 | 160.4 | 150 | 160 | 180 | 190

*"I need a tractor that can help drive the economy."*

## ENGINES

Modern farmers and contractors need tractors capable of delivering maximum efficiency. And the new 4 and 6 cylinder Tier 4i engines of the Fortis do exactly that, combining superior performance with low fuel consumption and reduced emissions.

**Four valves per cylinder, turbocharger with intercooler, electronic wastegate, electronic governor and Deutz Common Rail fuel injection ensure optimal performance in all conditions,** while the SCR (Selective Catalytic Reduction) exhaust treatment system efficiently reduces emissions.



## TRANSMISSION

The new transmission of the Fortis represents a great leap forward in terms of operator comfort and productivity: thanks to the new Sense-Shift gearbox, shifts between the various Powershift stages are fluid and gradual, and the Sense-Clutch allows modulation of the shuttle response to suit the operating conditions.

The Fortis transmission has 6 ranges, each with 4 Powershift stages; this configuration can be augmented with the addition of an optional creeper gear for the four lowest ranges, to give a total of 40 + 40 speeds.

The Infinity version is equipped with a clever Automatic Powershift: an electronic control unit selects the most suitable ratio within the 4 stages of each range, thereby optimizing engine efficiency and minimizing fuel consumption.



## PTO

Maximum efficiency in all conditions and with all types of implement. Fortis tractors have a 4-speed rear PTO (540/540ECO and 1000/1000ECO) with oil-immersed multi-plate clutch and modulating electrohydraulic control. They also feature the PTO Auto function, with which the operator can program the power take-off to stop and restart when the rear lift links are raised and lowered to certain positions.

For jobs requiring front and rear implement combinations, there is the 1000 rpm front PTO, which takes its drive directly from the engine.



## HYDRAULICS

The hydraulic system includes a fixed displacement pump with a capacity of 83 l/min plus an independent pump for the hydrostatic steering. The Fortis offer a generous range of remote valves, with up to 7 electronically controlled spools on the Infinity versions. The rear hitch has a capacity of 9,200 kg, while the capacity of the optional front lift is 3,800 kg.



## THE TEN STRONG POINTS

- 1 Deutz 6.1/4.1 litre engine, Deutz Common Rail 1600 bar injection, Tier 4i with SCR technology, 4 valves per cylinder, B100 compatible
- 2 ZF-Sense Shift 24/24 or 40/40 transmission, max speed 50 or 40 km/h at economy engine rpm, with 4-stage Automatic Powershift and SpeedMatching
- 3 Electrohydraulic shuttle with SenseClutch

- 4 4-speed PTO with Eco mode at 1600 rpm
- 5 Optional iMonitor for programming all the tractor operating parameters, rearview camera and multimedia systems.
- 6 High performance Power Brake system
- 7 S-Class<sup>2</sup> cab, with mechanical or pneumatic suspension, ergonomic controls, top class operating comfort and visibility
- 8 Option of 42" tyres on the Fortis 190
- 9 Rear lifting capacity of 9200 kg and front lifting capacity of 4000 kg
- 10 Hydraulic system with Load Sensing variable displacement pump with a capacity of 120 l/min and up to 7 electrohydraulically controlled remote valves

## CAB

*"I want a tractor that offers advanced technology as well as operator comfort"*

The intelligent design of the new cab ensures a feeling of well-being, allowing the operator to spend long days in an exceptionally comfortable working environment packed with user-friendly technological features.

Panoramic windows provide 320° visibility, while the roof window with sunblind gives

the operator an even better view of the working area. Sophisticated systems like the new Infocenter5, the optional iMonitor and SDS Management control enable the operator to monitor and control all the functions of the Fortis through a simple and easy-to-use interface.



**SAME**