

SERIES 5D.



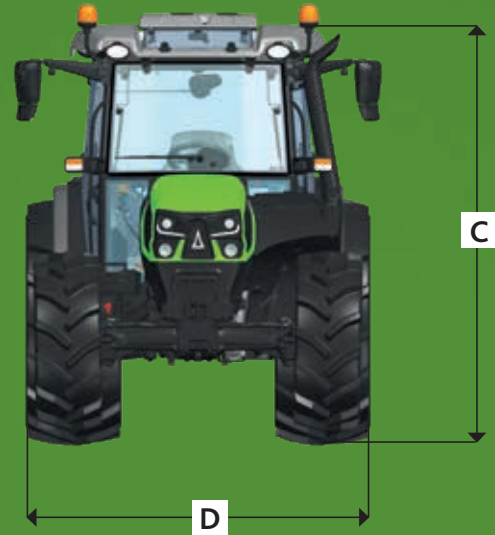
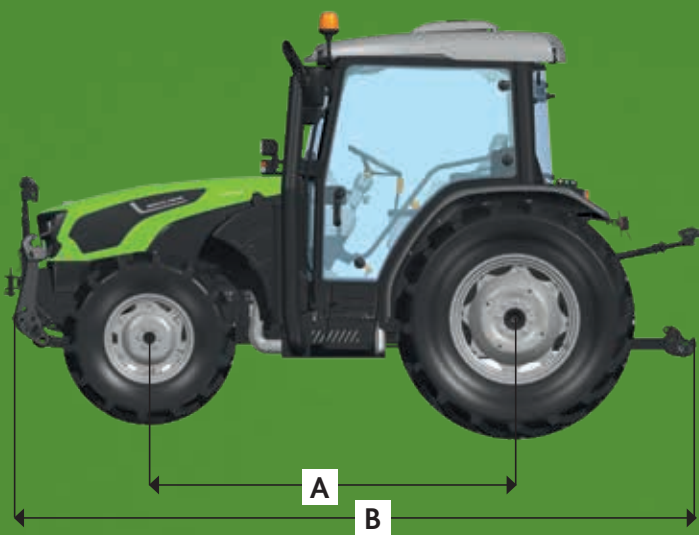
5095 D – 5105 D
STAGE V



TECHNICAL DATA	SERIES 5D		
		5095 D	5105 D
ENGINE			
Model		FARMotion 45	
Emission level		Stage V	
Cylinders/Displacement	n°/cc	4 / 3849	
Turbocharger with charge air cooling		●	
VISCO cooling fan		●	
Injection @ pressure	Type/ bar	Common Rail @ 2.000	
Max. power (ECE R120)	kW/Hp	70 / 95	78 / 106
Power at rated speed (ECE R120)	kW/Hp	66.4 / 90	74 / 101
Speed at maximum power	rpm	2000	
Max. engine speed (rated)	rpm	2200	
Max. torque	Nm	389	433
Speed at maximum torque	rpm	1400	
Air filter with dust ejector		●	
Fuel tank capacity (STD/OPT)	l	85 / 110	
AdBlue capacity	l	13	
Oil change interval	Hours	600	
TRANSMISSION			
Model		SDF T3500	
Transmission ratio		1.3830	
Mechanical shuttle		●	
PowerShuttle with 5 different settings		○	
MECHANICAL SHUTTLE			
Gearbox	n°	5 gears x 3 range	
N° of speed with Mechanical splitter and creeper	n°	30+15	
N° of speed with HML 3-Powershift steps and creeper	n°	45+45	
Top speed 40 km/h ECO	rpm	1805	
POWERSHUTTLE			
Gearbox	n°	5 gears x 3 range	
N° of speed with Mechanical splitter and creeper	n°	30+15	
N° of speed with HML 3-Powershift steps and creeper	n°	45+45	
Stop&Go		●	
ComfortClutch		●	
Top speed 40 km/h ECO	rpm	1805	
HYDRAULICS AND LINKAGE			
Pump flow (STD)	l/min	54	
Separate steering pump		●	
Spool valves controls	Type	Mechanical	
Hydraulic auxiliary control valves (STD)	n°	3	
Free pressureless return		●	
Automatic lower link stabilisers (mechanical)		○	
Rear linkage lifting capacity (STD)	Kg	3000	
Rear linkage lifting capacity (OPT)	Kg	3600	
Rear linkage lift category	Cat.	II	
External operation on rear fenders		○	
Front linkage		○	
Front linkage lifting capacity	Kg	2100	
Oil change interval	Hours	1200	
PTO			
Rear PTO 540/540E		●	
Rear PTO 540/540ECO/1000		○	
Groundspeed PTO		○	
Front PTO 1000		○	
AXLES AND BRAKES			
Model		SDF	
Electro-hydraulic differential lock 100%		●	
Steering angle	Degrees	55	
Mechanical parking brake		●	
Hydraulic trailer brake with DualMode function		○	
ABS socket		○	
ELECTRICAL SYSTEM			
Voltage	V	12	
Standard battery	V / Ah	12 / 100	
Alternator	V / A	14 / 120	
Starter motor	V / kW	12 / 3.5	
External socket		●	

● = standard ○ = option – = not available

TECHNICAL DATA	SERIES 5D	
	5095 D	5105 D
CAB		
4-pillar cab		●
Adjustable and telescopic rear view mirrors		●
Air conditioning		○
High visibility roof		○
High visibility roof FOPS		○
Seat Max with mechanical suspension		●
Seat with pneumatic suspension		○
Pre-arrangement for radio with antenna and loud speakers		●
4x Halogen work lights on cab roof		●
4x LED work lights		○
Up to 2x Beacon light LED		○
FRONT LOADER		
Pre-arrangement Light Kit		○
Possible front loader models	Solid 35-18 Solid 38-20 FZ 36-20.01	
Overloading height	mm	3250 3550 3340
Breakout force 900 mm before the pivot point	daN	2310 2360 2620



TECHNICAL DATA	SERIES 5D	
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DIMENSIONS AND WEIGHTS		
Front tyres (min.)		320/70 R24
Rear tyres (min.)		340/85 R36
Front tyres (max.)		380/70 R20
Rear tyres (max.)		540/65 R30
Wheelbase (A)	mm	2271
Length (B)	mm	4065
Height (max.) (C)	mm	2571
Width (min. - max.) (D)	mm	1800 - 2180
Ground clearance	mm	406
Front axle width (flange to flange)	mm	1500
Rear axle width (flange to flange)	mm	1540
Unladen weight, front	Kg	1430
Unladen weight, rear	Kg	2145
Total unladen weight	Kg	3575
Maximum permissible axle load, front	Kg	2300
Maximum permissible axle load, rear	Kg	3300
Maximum permissible weight	Kg	5200

Highlights

ENGINE

The new 5D stage V are fitted with the powerful and reliable FARMotion 45 engine. Despite having one of the most generous displacements in its category, the overall dimensions of the FARMotion 45 are extremely compact, guaranteeing excellent visibility from the driving position and excellent manoeuvrability. 5095D and 5105D deliver maximum power of 95 and 106 Hp respectively at 2000 rpm, while maximum torque at 1400 rpm is 389 and 433 Nm.

AXLES AND BRAKES

The front and rear axles of the new DEUTZ-FAHR 5D Stage V have been specially designed and manufactured by DEUTZ-FAHR. To ensure true all-wheel braking, the front axle incorporates oil bath multi-disc brakes as standard. The integral differential locks on both axles are electro-hydraulically controlled as standard. As an option, the innovative PneuTrac tyres are available.

TRANSMISSION

The different combinations available are all characterised by high efficiency and a 5-speed gearbox with 3 ranges, designed to travel at 40 km/h at an economical partial engine speed. The simpler configuration feature 30+15 speeds, the most complete has 45+45 speeds. On the LS versions, the shuttle is mechanical and synchronised, while on the GS versions there is a Powershuttle with SenseClutch; there are also the Stop&Go function and ComfortClutch.

HYDRAULICS


The open-centre hydraulic system has a 54 l/min pump dedicated to the linkage and spool valves; The 3 standard rear spool valves have different operating modes. The powerful rear lift has a maximum lift capacity of 3600 kg. It is controlled mechanically, or electronically, implemented in this case with the functions of active damping of vibrations induced when transporting mounted implements. A powerful front lift with a maximum capacity of 2100 kg is also available as an option.

CAB

The modern 4-pillar design and the particularly large glazed area of the cab ensure excellent visibility both during the day and in the dark, also thanks to the possibility of installing up to 4 front and 2 rear working lights, also available in LED. The canopy is available in a 'narrow' profile to keep the tractor's dimensions compact for working in orchards and vineyards, or in a high-visibility version, or even with FOPS protection, which is essential in forestry use.



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DEUTZ-FAHR is a brand of  SDF

