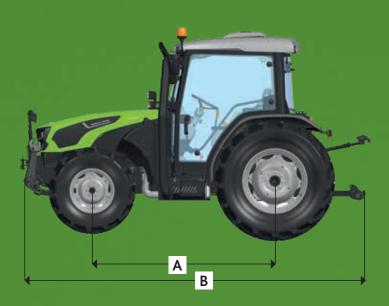
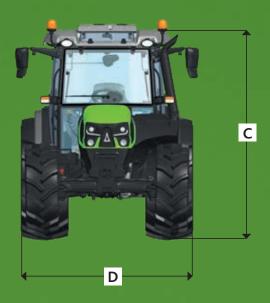




Mode	TECHNICAL DATA		SERIES 5D			
Model						
Stage   Sta	ENGINE					
Cycled conting from	Model		FARMotion 45			
VISCO Cooling to			•			
MySCO conling fam	<u> </u>	n°/cc				
hightino pressure   Type   bar   Common Rail e 2.000   Max. power (ECR 120)   kW/lip   66.4 / 90   74 / 101   50   50   50   50   50   50   50			-			
Max. power (ECE R120)   MVH 0   70 / 95   78 / 106		Type/ har	•			
Downer at rated speed (ESER 120)						
Max. torque						
Max. torque	Speed at maximum power	rpm	2000			
Speed at maximum torque	Max. engine speed (rated)	rpm	2200			
First third quoting exteror		Nm				
Fuel time (apacity (\$TD/OPT)		rpm				
Addition capacity	·		•			
Dickange interval   Hours   G00						
Model	1 2					
Model		110415				
Mechanical shuttle			SDF T3500			
Deweshuttle with 5 different settings	Transmission ratio		1.3830			
MECHANICAL SHUTTLE						
Searox   n°   Sears x 3 range			0			
N° of speed with Mechanical splitter and creeper n° 45+45 N° of speed with hMI 3-Powershift steps and creeper n° 45+45 Top speed a Winh ECO ppm 1805  POWERSHUTTE  Cearbox n° 5 gears x 3 range N° of speed with Mechanical splitter and creeper n° 30+15 N° of speed with Mechanical splitter and creeper n° 45+45 Stop&Co						
N° of speed with HML 3-Powershift steps and creeper n° 1805  FOWRRSHUTE  Cearbox						
Top speed 40 km/h ECO						
Provided Head   Provided He						
Gearbox   n°   Sgears x3 range   N° of speed with Mechanical splitter and creeper   n°   N° of speed with HML 3-Powershift steps and creeper   stop&co		тріп	1603			
N° of speed with Mechanical splitter and creeper N° of speed with HML 3-Powershift steps and creeper Stop&Go ComfortClutch Top speed Ab rm/h ECO rpm 1805  HYDRAULICS AND LINKAGE Pump flow (STD) Separates steering pump Spool valves controls Hydraulic auxiliary control valves (STD) Rear linkage lifting capacity (STD) Rear linkage lifting capacity (OPT) Rear PTO 540/540EC Rear PTO 540/540EC Rear PTO 540/540EC Rear PTO 540/540EC Rear linkage lifting capacity Oli change interval  Node Rear linkage lifting capacity Front linkage Rear PTO 540/540EC Re		n°	5 gears x 3 range			
Stop&Go	N° of speed with Mechanical splitter and creeper	n°				
ComfortClutch	N° of speed with HML 3-Powershift steps and creeper	n°				
Top speed 40 km/h ECO rpm 1805  HYDRAULICS AND LINKAGE  Pump flow (STD)			•			
HYDRAULICS AND LINKAGE  Pump flow (STD) Separates testering pump Spool valves controls Hydraulic auxiliary control valves (STD) rice pressures return Automatic lower link stabilisers (mechanical) Rear linkage lifting capacity (STD) Rear linkage lifting capacity (OPT) Rear linkage lifting capacity (OPT) Rear linkage lifting capacity Rear PTO S40/540E Rear PTO			•			
Pump flow (STD)		rpm	1805			
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 lifting capacity Kg 3600  Rear linkage lifting capacity Kg 2100  Oil change interval Hours 1200  PTO  Rear PTO 540/540E  Rear PTO 1000  AXLES AND BRAKES  Model  Electro-hydraulic differential lock 100%  Steering angle Degrees  Mechanical parking brake Hydraulic trailer brake with DualMode function ABS socket  ELECTRICAL SYSTEM  VI Alternator VI Ah 12/100  Alternator		I/min	54			
Spool valves controls Hydraulic auxiliary control valves (STD) n° 3 Free pressureless return Automatic lower link stabilisers (mechanical) Rear linkage lifting capacity (STD) Rear linkage lifting capacity (STD) Rear linkage lifting capacity (OPT) Rear linkage lifting capacity (OPT) Rear linkage lifting capacity Rear PTO S40/540 Rear linkage lifting capacity Rear PTO 540/540 Rear PTO 1000 AXLES AND BRAKES Model Electro-hydraulic differential lock 100% Steering angle Degrees SDF Rechanical parking brake Hydraulic trailer brake with DualMode function ABS socket  ELECTRICAL SYSTEM Voltage V 12 Standard battery V/Ah 12 / 100 Alternator		Q111111				
Hydraulic auxiliary control valves (STD) n° 3  Free pressureless return		Type	Mechanical			
Automatic lower link stabilisers (mechanical)  Rear linkage lifting capacity (STD)  Rear linkage lifting capacity (OPT)  Rear linkage lifting capacity (OPT)  Rear linkage lifting capacity (OPT)  Rear linkage lift category  Cat.  II  External operation on rear fenders  Front linkage  Front linkage	· ·					
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         SDF           Model         SDF           Electro-hydraulic differential lock 100%         ●         SDF           Steering angle         Degrees         55           Mechanical parking brake         ●         ●           Hydraulic trailer brake with DualMode function         ABS socket         ●           ELECTRICAL SYSTEM         V         12           Voltage         V         12           Standard battery         V /Ah         12 / 100           Alternator	Free pressureless return		•			
Rear linkage lifting capacity (OPT)						
Rear linkage lift category  External operation on rear fenders  Front linkage Front linkage   G						
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 540/540E  Rear PTO 540/540ECO/1000  Groundspeed PTO Front PTO 1000  AXLES AND BRAKES  Model  Electro-hydraulic differential lock 100%  Steering angle  Degrees  SDF  Electro-hydraulic trailer brake with DualMode function  ABS socket  Hydraulic trailer brake with DualMode function  ABS socket  ELECTRICAL SYSTEM  Voltage  V 12  Standard battery  V /Ah  Alternator						
Front linkage   Grown linkage lifting capacity   Kg   Z100   Oil change interval   Hours   1200   PTO   Rear PTO 540/540E   Grown linkage   Gr		Cat.				
Front linkage lifting capacity  Oil change interval  PTO  Rear PTO 540/540E  Rear PTO 540/540E  Rear PTO 540/540ECO/1000  Groundspeed PTO Front PTO 1000  AXLES AND BRAKES  Model  Electro-hydraulic differential lock 100%  Steering angle  Mechanical parking brake  Hydraulic trailer brake with DualMode function  ABS socket  ELECTRICAL SYSTEM  Voltage  V 12  Standard battery  V / A 12 / 100  Alternator	·					
Oil change interval Hours 1200  PTO  Rear PTO 540/540E Rear PTO 540/540ECO/1000		Kg				
Rear PTO 540/540E Rear PTO 540/540ECO/1000 Groundspeed PTO Front PTO 1000  AXLES AND BRAKES  Model Electro-hydraulic differential lock 100% Steering angle Spr Electro-hydraulic prake Hydraulic trailer brake with DualMode function ABS socket ELECTRICAL SYSTEM  Voltage V 12 Standard battery V / Ah 12 / 100 Alternator						
Rear PTO 540/540ECO/1000  Groundspeed PTO  Front PTO 1000  AXLES AND BRAKES  Model  Electro-hydraulic differential lock 100%  Steering angle  Degrees  Mechanical parking brake  Hydraulic trailer brake with DualMode function  ABS socket  ELECTRICAL SYSTEM  Voltage  V 12  Standard battery  V / Ah  Alternator	РТО					
Groundspeed PTO Front PTO 1000  AXLES AND BRAKES  Model Electro-hydraulic differential lock 100% Steering angle Degrees Mechanical parking brake Hydraulic trailer brake with DualMode function ABS socket ELECTRICAL SYSTEM  Voltage V 12 Standard battery V / Ah 112 / 100 Alternator			•			
Front PTO 1000  AXLES AND BRAKES  Model  Electro-hydraulic differential lock 100%  Steering angle  Degrees  Mechanical parking brake  Hydraulic trailer brake with DualMode function  ABS socket  ELECTRICAL SYSTEM  Voltage  V 12  Standard battery  Alternator  V / A  14 / 120						
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  CHECTRICAL SYSTEM  Voltage V AND BRAKES  SUFFICIAL SYSTEM  V AND ALECTRICAL SYSTEM  V AND ALECTRICAL SYSTEM  Alternator V / AND ALECTRICAL SYSTEM	·					
Model SDF   Electro-hydraulic differential lock 100% ●   Steering angle Degrees   Mechanical parking brake ●   Hydraulic trailer brake with DualMode function ○   ABS socket ○   ELECTRICAL SYSTEM   Voltage V   Standard battery V /Ah   Alternator V / A   14 / 120			0			
Electro-hydraulic differential lock 100%  Steering angle Degrees  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			SDF			
Steering angle  Mechanical parking brake  Hydraulic trailer brake with DualMode function  ABS socket  CHECTRICAL SYSTEM  Voltage  V  V/Ah  Voltage  V /Ah  Alternator  V / A  12 / 100  Alternator						
Mechanical parking brake  Hydraulic trailer brake with DualMode function  ABS socket  □  ELECTRICAL SYSTEM  Voltage  V  12  Standard battery  V / Ah  Alternator  V / A  14 / 120	Steering angle	Degrees	55			
ABS socket  ELECTRICAL SYSTEM  Voltage  V 12 Standard battery  V/Ah 12/100  Alternator  V/A 14/120			-			
ELECTRICAL SYSTEM           Voltage         V         12           Standard battery         V / Ah         12 / 100           Alternator         V / A         14 / 120						
Voltage         V         12           Standard battery         V / Ah         12 / 100           Alternator         V / A         14 / 120			0			
Standard battery         V / Ah         12 / 100           Alternator         V / A         14 / 120		W	12			
Alternator V / A 14 / 120	-					
	•					
	Starter motor	V/kW	12 / 3.5			
External socket						

TECHNICAL DATA		SERIES 5D		
		5095 D	5105 D	
CAB		·		
4-pillar cab				
Adjustable and telescopic rear view mirrors		•		
Air conditioning		0		
High visibility roof		0		
High visibility roof FOPS		0		
Seat Max with mechanical suspension		•		
Seat with pneumatic suspension		0		
Pre-arrangement for radio with antenna and loud speakers		•		
4x Halogen work lights on cab roof		•		
4x LED work lights		0		
Up to 2x Beacon light LED		0		
FRONT LOADER				
Pre-arrangement Light Kit		0		
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				
		5095 D	5105 D			
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	520	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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