

SERIES

5

DF
DS
DV

PRO



5090 // 5095 // 5100 // 5105 // 5115

DF/DS/DV^{PRO}

STAGE V

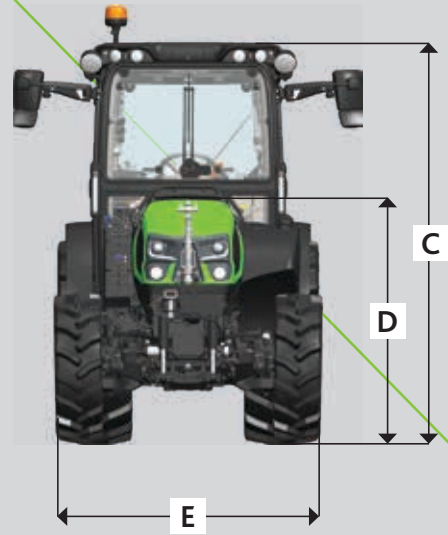
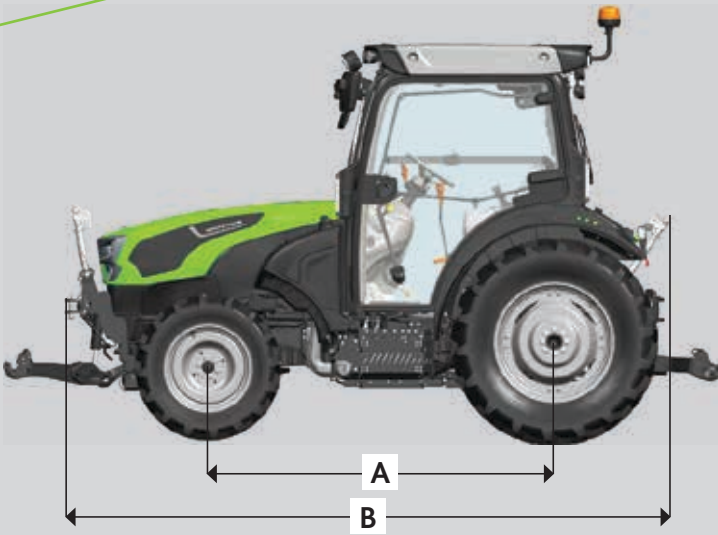


**DEUTZ
FAHR**

TECHNICAL DATA	SERIES 5 DF/DS/DV ^{PRO}					
	5090	5095	5100	5105	5115	
ENGINE						
Model	FARMotion 35		FARMotion 45	FARMotion 35	FARMotion 45	
Emission level	Stage V					
Aspiration	Turbo Intercooler					
Injection @ pressure	Type	Common Rail @ 2000 bar				
Cylinders/Displacement	n°/cc	3/2887	4/3849	3/2887	4/3849	
Max. power (ECE R120)	kW/HP	67/91	70/95	75/102	78/106	85/116
Power at rated speed (ECE R120)	kW/HP	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max. torque @ 1400 rpm	Nm	372	389	417	433	472
XL Fuel tank capacity (with front lift/PTO)	l	100 (80)				
Fuel tank for narrow mid-mounted implement installation on 5 DS ^{PRO} capacity (with front lift/PTO)	l	-	73 (53)	-	73 (53)	
AdBlue tank capacity	l	13				
TRANSMISSION - POWERSHUTTLE						
PowerShuttle with SenseClutch, Stop&Go, ComfortClutch	●					
Number of speed - 5 gears transmission	30+30 (with Hi-Lo 2-Powershift steps) or 45+45 (with HML 3-Powershift steps)					
Max. speed	km/h	40 ECO**				
PTO						
PTO speeds	540/540ECO or 540/540ECO/1000 or 540/540ECO/Ground Speed					
Rear Auto PTO function	●					
Front PTO 1000	○					
LIFT						
Electronic rear lift	●					
Vibration damping function	●					
Rear linkage lifting capacity - 5 DF ^{PRO} (STD/OPT)	kg	3130/3940				
Rear linkage lifting capacity - 5 DS ^{PRO}		2600				
Rear linkage lifting capacity - 5 DV ^{PRO}		2600				
Hydraulic right tie rod and stabilizers	○					
Front lift (2100 kg)	○					
HYDRAULICS						
Hydraulic flow	l/min	88				
Independent steering pump	l/min	42				
Rear spool valves with electronic control (STD/OPT)	n°	3/4				
Rear free return	●					
Mid-mounted spool valves with electronic control (OPT)	n°	2/4				
Mid-mounted duplicated ways (OPT)	n°	2/3/5/8				
Mid-mounted free returns (OPT)	1/2					
BRAKES						
Front axle with brakes	●					
Hydraulic trailer brake	○					
ABS Socket	○					
FRONT AXLE						
Electrohydraulic engagement for 4WD and Diff.Lock	●					
Auto 4WD	○					
Steering Double Displacement (SDD)	○					
INDEPENDENT FRONT SUSPENDED AXLE (OPT)						
Adaptive-Damping, Active Self-Levelling functions	●					
Anti-Dive, Anti-Roll functions	●					
Differential Traction Control (DTC)	●					
CAB						
4 pillar cab	●					
Flat floor	●					
InfoCentre*	●					
Electronic joystick with spool valves swappable controls	●					
Jolly buttons	●					
Adjustable steering column	●					
Suspended on Hydro Silent-Block	●					
Cat.4 filtration system	○					
Liftable rear top roof	●					
Rounded top windscreen	●					
Openable front windscreen	○					
Halogen working lights (STD)	n°	4				
LED working lights (OPT)	n°	4/6/8				
Smartphone holder and 2 USB plugs	●					
Radio	○					
Jump start	○					
External controls for PTO and lift	●					
SDF SMART FARMING SOLUTIONS						
CTM - Telematics module	●*					
iMonitor	○					
ISOBUS	○					
ROWguidance pre-arrangement	○					

*in EU-28

**on models 5 DF/DS/DV^{PRO} 40 kph



SERIES 5 DF^{PRO}		5090	5095	5100	5105	5115
DIMENSIONS AND WEIGHTS						
With front tyre	Size	300/70 R20				
With rear tyre	Size	420/70 R28				
Wheelbase (A)	mm	2044	2174	2044	2174	
Max. length (B)	mm	3850	3980	3850	3980	
Total height - CAB (C)	mm	2520				
Height at bonnet (D)	mm	1475				
Width (E)	mm	1624				
Weight	kg	3290-3880	3515-4105	3290-3880	3515-4105	
Total admissible load	kg	5200				

SERIES 5 DS^{PRO}		5090	5095	5100	5105	5115
DIMENSIONS AND WEIGHTS						
With front tyre	Size	280/70 R18				
With rear tyre	Size	380/70 R28				
Wheelbase (A)	mm	2086	2216	2086	2216	
Max. length (B)	mm	3860	3990	3860	3990	
Total height - CAB (C)	mm	2495				
Height at bonnet (D)	mm	1475				
Width (E)	mm	1380				
Weight	kg	3265-3865	3320-3920	3265-3865	3320-3920	
Total admissible load	kg	5000				

SERIES 5 DV^{PRO}		5090	5095	5100	5105	5115
DIMENSIONS AND WEIGHTS						
With front tyre	Size	180/95 R16				
With rear tyre	Size	280/85 R24				
Wheelbase (A)	mm	2086	2216	2086	2216	
Max. length (B)	mm	3860	3990	3860	3990	
Total height - CAB (C)	mm	2395				
Height at bonnet (D)	mm	1440				
Width (E)	mm	1166				
Weight	kg	3180-3690	3235-3745	3180-3690	3235-3745	
Total admissible load	kg	5000				

● = standard ○ = option – = not available

Technical data and figures are only provided for guidance. DEUTZ-FAHR is committed to continuously adapting its products to your requirements and therefore reserves the right to make updates without prior notice.

HIGHLIGHTS

The Series 5 DF/DS/DV^{PRO} is DEUTZ-FAHR's answer to the demands of professional fruit and vine growers seeking high-performance, user-friendly tractors. "PRO" denotes a range of innovative, technological features that enhance productivity and driver comfort, positioning these tractors a step above the competition. The hydraulic system is class-leading, delivering a flow rate of 88 l/min and featuring a total of eight electro-hydraulic distributors, with options for mid-mounted positioning to support front and mid-mounted implements. Factory-prepared for autoguidance systems, with ISOBUS connectivity and the iMonitor, these tractors are equipped for the future of professional viticulture. The Series 5 DF/DS/DV^{PRO} offers models with widths from 1.12 to 1.70 m, two wheelbase options, three cab variants, and a variety of tyre configurations, providing an ideal solution for the diverse needs of today's European fruit and wine farmers.

FARMOTION 35 AND 45 ENGINES

The 3- and 4-cylinder FARMotion 35 and 45 engines are specifically developed for agricultural applications, offering high performance with power outputs up to 116 HP. The FARMotion 45 boasts the largest displacement in its class, while the intelligent design of both engines enables tractors with extremely compact exterior dimensions. Thanks to the sloped and tapered cowl and the short wheelbase made possible by the FARMotion 35, these tractors offer outstanding manoeuvrability and visibility - key features for specialised tractors. Both FARMotion 35 and 45 engines are compatible with HVO renewable fuel, significantly enhancing the environmental sustainability of these tractors.

TRANSMISSION

The transmission of the 5 DF/DS/DV^{PRO} is state-of-the-art in the specialised tractor market. Even in the standard version, the 5 DF/DS/DV^{PRO} models feature a gearbox with 5 gears and Hi-Lo, which often represents the top option among competitors. The base gearbox can be enhanced with HML (3-Powershift steps), providing a total of 45+45 speeds. Powershift always operates in both forward and reverse directions, boosting productivity even when working with a rear forklift. Regardless of configuration, the 5 DF/DS/DV^{PRO} models come equipped with PowerShuttle, along with SenseClutch, ComfortClutch, and Stop&Go functions.

AXLES

As an alternative to the conventional swing front axle, these tractors are also available with a front axle with independent articulated quadrilateral suspension and active damping control, which optimises comfort, safety and draft capacity. True all-wheel braking, with brakes on all four wheels, is standard, while the SDD and Auto 4WD functions are available as options to make headland turns quicker and less tiring.

CAB


The cab of the 5 DF/DS/DV^{PRO} tractors provides exceptional operator comfort, featuring an all-flat floor without a centre tunnel and Hydro Silent-Block suspension. The ergonomic console layout and adjustable steering column allow for optimal control placement for operators of any stature. Standard features include two Jolly buttons and a programmable thumbwheel, enabling the operator to position frequently used controls conveniently. The Category 4 compliant filtration and pressurised ventilation system offer effective operator protection. Additionally, all 5 DF/DS/DV^{PRO} tractors can be equipped with full LED lighting for excellent visibility, even at night. ISOBUS connectivity, the iMonitor, and pre-arrangement for a ROWguidance system complete the advanced technological package of these models.

HYDRAULICS

The hydraulic system of the 5 DF/DS/DV^{PRO} models eliminates the need for an external PTO-driven hydraulic unit, delivering high flow at ECO engine rpm to power hydraulic motors directly. Each spool valve has adjustable flow, enabling precise control of hydraulic cylinders for adjusting implement height and width. Up to eight electronically controlled spool valves are available - four at the rear and four mid-mounted. This setup supports implement combinations for simultaneous operations boosting productivity while minimising soil compaction. The rear lift always features electronic control with an active damping system, and a powerful front lift is available as an option.



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