

# SERIES 5 DF/DS/DV.



5090 - 5095 - 5100 - 5105 - 5115

5 DF/DS/DV  
Cab - Platform  
STAGE V



# SERIES 5 DF/DS/DV.

## Highlights:

- Offered as three width versions, with 3 or 4 cylinder engines and with a wide choice of configurations and options, the 5 DF/DS/DV Series is the most comprehensive range of high-tech specialised tractors currently available on the market.
- The robust, modular and efficient transmission, available with a progressively engaged electrohydraulic reverse shuttle and with up to 45 speeds in both directions allows for a maximum road speed of 40 km/h attained at engine economy speed.
- Compact hood for unobstructed forward visibility and outstanding agility.
- Platform with foldable ROPS or spacious cabs with an all-flat floor and plenty of room for the operator.
- The ergonomically organised controls and joystick controller available for the distributors make working more comfortable than ever
- Larger capacity tanks: up to 100 litres of fuel for working even longer without stopping
- More power, more torque and more efficiency than the previous generation
- Wet disc brakes as standard on all 4 wheels, and available with an independent wheel suspended front axle.
- Available with innovative Pneutrac tyres, for less soil compaction and even more traction

## 5 DF Platform

- Overall width from 1.441 to 1.628 mm
- Mechanical rear lift with a capacity of up to 3940 kg
- Comprehensive choice of tyre sizes, from 240/70 R16 (front) and 380/70 R20 (rear) to 340/65 R18 (front) and 440/65 R28 (rear)
- Platform suspended on Hydro-Silent Block



## 5 DF/DS/DV.

The specialist par excellence.

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## 5 DF

- Overall width from 1.441 to 1.671 mm
- Electronically controlled lift as standard with a lift capacity of up to 3940 kg and implement oscillation damping system
- Comprehensive choice of tyre sizes, from 280/70 R16 (front) and 360/70 R24 (rear) to 280/70 R20 (front) and 440/65 R28 (rear)

## 5 DS

- Overall width from 1269 to 1517 mm
- Electronically controlled lift as standard with a lift capacity of up to 2600 kg and implement oscillation damping system
- Comprehensive choice of tyres, including versions with special tread for municipal applications, in sizes from 240/70 R16 (front) and 360/70 R24 (rear) to 280/70 R18 (front) and 420/70 R28 (rear)

## 5 DV

- Overall width from 1166 to 1317 mm
- Transmission with 5 speed main gearbox and OverSpeed function, for a maximum road speed up to 40 km/h even with 20" rear tyres.
- Comprehensive choice of tyre sizes, from 240/70 R16 (front) and 380/70 R20 (rear) to 260/70 R16 (front) and 320/70 R24 (rear)



Offered with 1166 to 1671 mm width max., the new Series 5 DF/DS/DV is directed decisively towards maximum productivity and efficiency in the tightest of spaces. With new, more powerful and cost-effective 4- or 5-speed modular transmissions, 4 wheelbase lengths from 2044 to 2216 mm and powerful hydraulic systems with many variants, the new models offer greater scope for configuration, presenting themselves once again as the benchmark

in terms of safety, comfort and productivity. 5 DS and 5 DV models are offered as standard with the 4-post flat floor cab, while the larger siblings – the models of 5 DF Series – are available in both configurations: platform version with foldable safety frame or cab version.

# TOTAL CONFIGURABILI





# TY.

DEUTZ-FAHR has made this family of tractors extraordinarily configurable to let you build the perfect machine for the needs of your job.

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# ENGINE.

## Higher torque and higher power to maximise your output.

The beating heart of the new 5 DF/DS/DV series are the multiple award-winning FARMotion 35 and 45 engines, that are now not only Stage V compliant but also more powerful and fuel efficient than before. On top of this, scheduled service intervals have now been extended to 600 hours.

The new 5 DF/DS/DV series is powered by the latest evolution of the FARMotion 35 and FARMotion 45 engines, powerplants developed with the best technological solutions currently existing for diesel engines and conceived specifically to cater for the needs of agricultural applications. Offered as 3 and 4 cylinder versions, the engines of the new family are extremely compact in size, even offering the highest displacement in the market, contributing to the excellent forward visibility and generous maximum steering angle of these tractors.

Together, features such as the innovative geometry of the combustion chamber, fully electronically managed Common Rail injection (with injection pressures up to 2000 bar), the viscstatic fan and a PowerCore air filter form an impressive package of high-tech solutions allowing the new 5 DF/DS/DV series to minimise fuel consumption and maximise productivity. The innovative technology introduced to attain compliance with Stage V emissions standards has been wisely integrated in the vehicle by DEUTZ-FAHR. The new 5 DF/DS/DV Stage V models keep the same overall best in class dimensions of the predecessors, therefore the Stage V upgrade did not impact on visibility and manoeuvrability, that are crucial requisites of a specialised tractor.

### Highlights

- Improved efficiency and more torque and power for all models
- Viscostatic fan for reduced power loss
- Scheduled oil change intervals extended to 600 hours
- Automatic hydraulic valve adjustment for minimised maintenance
- Extended operating range due to lower fuel consumption and larger new fuel tanks (up to 100 litres)
- Easy starting even in very cold conditions



↑ Easily accessible AdBlue tank.



↑ Clean and organised underbonnet layout.



## Highlights

- 7 choices of transmission from 12+12 up to 45+45
- Mechanical shuttle (cab and platform) or PowerShuttle availability (cab only)
- Stop&Go, ComfortClutch and SenseClutch functions always available with PowerShuttle
- Up to 3 PTO speeds, AUTO PTO function as standard on cab models
- Ground Speed PTO available



⬆ Mechanical shuttle with ergonomic lever on steering column.



⬆ PowerShuttle with SenseClutch 5-levels adjustment.

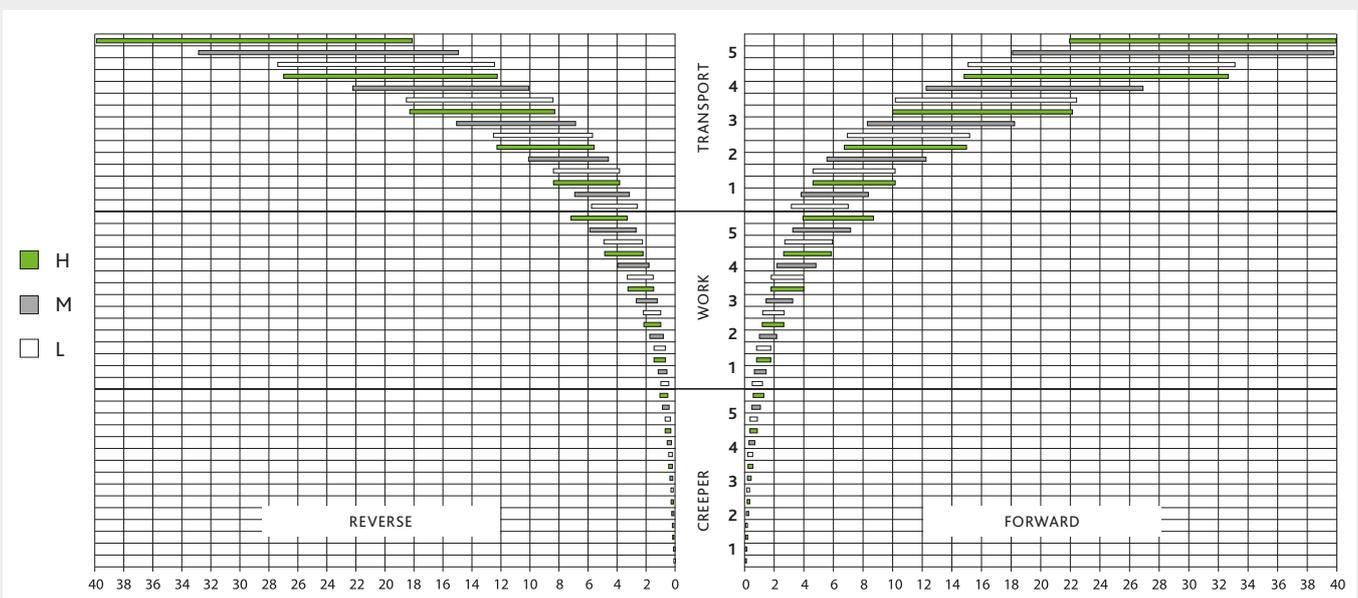


# TRANSMISSION AND PTO.

Transmissions and PTOs tailored for the needs of your job.

The transmissions equipping the new DEUTZ-FAHR 5 DF/DS/DV Series combine supreme efficiency with extraordinary reliability. With a 4-speed main gearbox, 3 ranges and a synchronised reverse shuttle (for a total of 12+12 speeds), even the base configuration allows for a top speed of 40 km/h. Alongside this is a variant with a 5-speed main gearbox and 3 ranges, for 15+15 speeds in total, which allows for a top speed of 40 Km/h attained at an economical engine speed of around 1800 rpm (with 28" rear tyres). Both configurations can also be equipped with an underdrive gear, engaged from a control integrated in the ergonomically placed reverse shuttle lever under the steering wheel, which doubles the number of forward ratios available, for a total of 24+12 or 30+15 speeds. For even greater versatility, the models with platform can be equipped even with a 2-stage powershift transmission (Hi-Lo) while the tractors with cabin can be equipped with Hi-Lo or with a 3-stage (HML) Powershift, to offer 45 speeds in total in both drive directions. In this configuration, the tractor can work at ground speeds as low as 203 m/h at maximum engine speed in the lowest ratio available, at the same time reaching 40 kph ECO – with reduced engine rpm.

Tractors with cabs, configured with 5-speed main gearboxes are also available with a hydraulic reverse shuttle with the SenseClutch function, which offers 5 user-selectable responsiveness settings. This latter variant also includes the Stop&Go function, which lets the operator stop and hold the tractor and set off using the brake pedals only, and the ComfortClutch function, for shifting gear by simply pressing a button on the gear lever without using the clutch pedal. The PTO also offers extensive possibilities for configuration. All tractors come as standard with 540 rpm and 540 ECO speed modes, selectable either with an external control or a practical control in the cab or platform. Different PTO output shafts are also available, with a choice of conventional fixed shafts or versatile splined removable output stub shafts, while practical controls replicated on the rear mudguards are available to allow control from outside the tractor. To extend the capabilities of the tractor, 1000 rpm or groundspeed modes are also available in addition to the standard 540/540E PTO speed modes. All versions with electro-hydraulic PTO activation come with the PTO AUTO function, which activates and deactivates the PTO automatically in relation to lift position. All models with cab are also available with a 1000 rpm front PTO.



↑ HML transmission with 3-Powershift steps allows 45 speeds both in forward and in reverse direction.

# HYDRAULICS AND LIFTS.

Incredibly configurable systems with all the power and precision you need.

The new 5 DF/DS/DV Series comes with a powerful new hydraulic system offering extraordinary scope for configuration. All the configurations possible include a separate hydraulic circuit for the steering system fed by an independent pump to ensure seamlessly smooth steering action even with the engine at idle speed and while simultaneously using the lift and/or distributors. A wide range of configurations is available for the pumps feeding the lifts and distributors (up to 68 l/min flow rate) and for the hydraulic distributors themselves.

These tractors are available with up to 6 rear distributors, with hydraulic flow regulator valve and free return. Models with cab can be equipped with up to 5 couplers at the centre of the machine, duplicating the rear couplers and also with free return line. The optional new distributor controller joystick – available on cab tractors - lets the operator control 4 different couplers simultaneously with a single hand. Ergonomically positioned for extreme ease of use and height-adjustable to cater for drivers of any stature, this controller joystick is invaluable when working with hydraulically operated implements.

5 DF platform tractors feature a precise rear lift with mechanical control, while all models with a cab, offer a standard the rear lift with an electronic control which integrates a vibration damping function, reducing the oscillation produced by mounted implements and therefore, significantly improving both safety and comfort when driving on roads. Regardless of the configuration, on 5 DF models, the rear lift has a maximum capacity of 3940 kg with supplementary cylinders, while maximum lift capacity is 2600 kg on 5 DS and 5 DV versions. All models with cab are available with external lift control buttons on the left hand rear mudguard, hydraulic stabilisers and a powerful front lift with 1500 kg capacity.



Up to 5 mid-mounted hydraulic ways.



Mechanical rear lift on platform version.



## Highlights

- Powerful rear lift with up to 3940 kg capacity
- Up to 68 l/min hydraulic pump for spool valves and rear lift
- Independent hydraulic system for steering circuit
- Rear spool valves with flow regulator
- Spool valves control with cross lever available as option
- Up to 5 mid-mounted ways and 1 free return



↑ Precise draft and position control thanks to electronic rear lift on cab versions.



↑ In-cab flow regulator.

# AXLES AND BRAKES.

Class-beating technology for increased productivity and safety.

As an alternative to the conventional swing front axle, the new 5 DF/DS/DV tractors with cab are also available with an exclusive adaptive hydro-pneumatic independent front suspension system, which ensures optimised damping action in relation to vehicle speed, steering angle and roll angle for unbeatable comfort and stability. The innovative active front suspension control software also includes Anti-dive and Anti-roll functions as standard, which significantly improve both the safety and productivity. Anti-dive counters sudden front suspension compression under braking to shorten stopping distances, while Anti-roll automatically adjusts damper stiffness when cornering, stiffening the suspension of the outer wheel to keep the vehicle correctly balanced, improving stability and grip and drastically reducing roll to maximise comfort and safety. The electronic control unit also manages the DTC, an innovative electronically controlled differential which maximises traction by automatically transferring torque to the wheel with the most grip. Also standard are true all-wheel braking, with wet disc brakes on all four wheels, and electro-hydraulically engaged differential locks and 4WD are standard, while – for cab models - automated management of the 4WD system is offered as an option. For even greater operator comfort, 5 DF/DS/DV cab tractors are available with the optional SDD (Steering Double Displacement) system, which significantly cuts the time and effort necessary for headland turn manoeuvres. Simply pressing the relative button halves the number of steering wheel turns needed to turn the tractor around.

## Highlights

- Independent front axle suspension available as option (cab models)
- 4-wet disc brakes
- 100% front differential lock
- SDD available (cab models)
- Auto 4WD available (cab models)



Auto 4WD function allows to engage and disengage automatically 4WD according to steering angle and speed.



Maximum agility ensured by generous steering angle.



↑ High steering angle thanks to independent front axle suspension.



↑ SDD function halves the number of steering wheel turning required for lock-to-lock steering.

# LUXUR

The innovative  
Hydro Silent-Block  
suspension – available for  
both cab or platform versions  
– maximise operator comfort.

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# IOUS COMFORT.



# DRIVING POSITION - Cab.

Unrivalled comfort for a range of best-in class machines.

The brand-new cabs equipping the 5 DF/DS/DV Series are concentrated packages of advanced technological solutions and ergonomics, offering previously unheard of levels of comfort for specialised tractors with mechanical transmissions. Available with a choice of three different mudguard sizes, all of the cab variants boast a modern 4-pillar structure to offer an unobstructed view of your working environment between the rows and a Hydro Silent-Block suspension as standard. All these cabs feature a completely flat floor, a steering wheel adjustable for reach and rake and a dashboard which adjusts together with the steering wheel. With every detail designed in accordance with the most advanced and innovative ergonomic principles, the cab offers the most comfortable working environment in this class, making your job less tiring and more pleasant than ever. The controls are organised in the new console in accordance with the DEUTZ-FAHR brand's tried-and-tested colour-coded layout.

The models of the new 5 DF/DS/DV Series are also available with an openable roof hatch to improve overhead visibility towards the rear when working with a pallet fork attachment mounted on the rear lift. A Category 4 pressurised filtration system certified for use as PPE is also available as an option, to offer effective protection for the driver when applying crop treatments. The tall windscreen ensures unrestricted visibility even when working with implements straddling the vine row such as pruning and pre-pruning attachments. Excellent lateral visibility, on the other hand, is ensured by the generous glazing of the uncluttered 4-pillar structure. The cabs of the new 5 DF/DS/DV Series can be configured with a choice of different features and options to customise the tractor to suit your specific needs, including driver seats with mechanically or air sprung suspension, halogen or LED work lights, a Bluetooth audio system and a smartphone holder with two USB ports.

## Highlights

- 4-post cab with flat floor
- Cab suspended on Hydro Silent-Block
- Cat.4 filtration available
- New side console with spool valves cross lever control
- Lifiable rear top roof
- In-cab PTO speed selector



↑ Rear spool valves controlled by single levers or mechanical cross lever.



↑ In-cab PTO speed selector.



↑ Cat. 4 filtration available.

# DRIVING POSITION - Platform.

More innovation, less vibration.

5 DF models are also available with a practical platform with 2-post foldable safety frame. This version dramatically increase the agility of the tractor when working under tree branches or in low-height spaces. Even as platform version, 5 DF platform models offer to the operators outstanding levels of comfort: the revised driver zone layout is in line with latest ergonomics standards while the platform is isolated from the transmission and suspended by 4 innovative Hydro Silent-Blocks. As an option, a pneumatic driver seat is even available in order to further decrease the vibrations to the driver. As standard equipment, a practical smartphone holder with 2 USB charging ports is available as well as the telescopic steering column which allows the driver configuring the height of steering wheel according to its preferences.

To fulfil every need, the new 5 DF models are offered with two different platform heights. The high platform is designed in order to accommodate big rear tyres up to 28", while the low platform is designed keeping in mind the need to have a low tractor as possible for working in olive trees cultivations or citrus orchards. The low platform, in combination with the smallest tyre size, allow the tractors of 5 DF Series to have a mudguard height of just 1.18 m. As per Deutz-Fahr tradition, even on the 5 DF platform models, controls are arranged following the colour coding scheme, for an easy and fast identification.

## Highlights

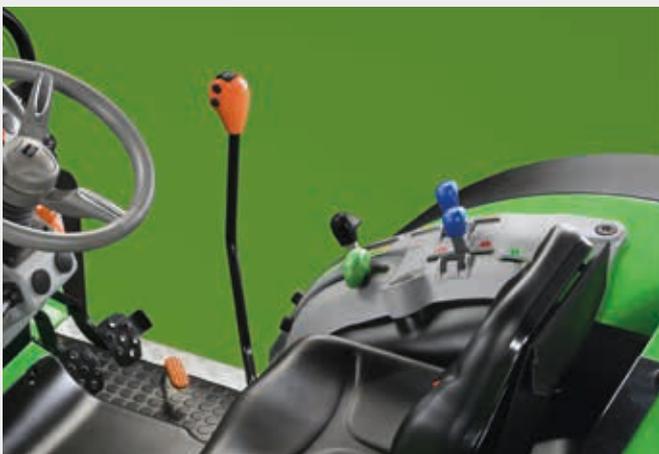
- Platform suspended on 4 Hydro Silent-Blocks
- Foldable 2-post safety frame
- Platform available in two different mudguard heights
- Pneumatic seat available as option
- Smartphone holder and 2 USB plugs



↑ Ergonomic shuttle lever under steering wheel.



↑ 2-post foldable safety frame.

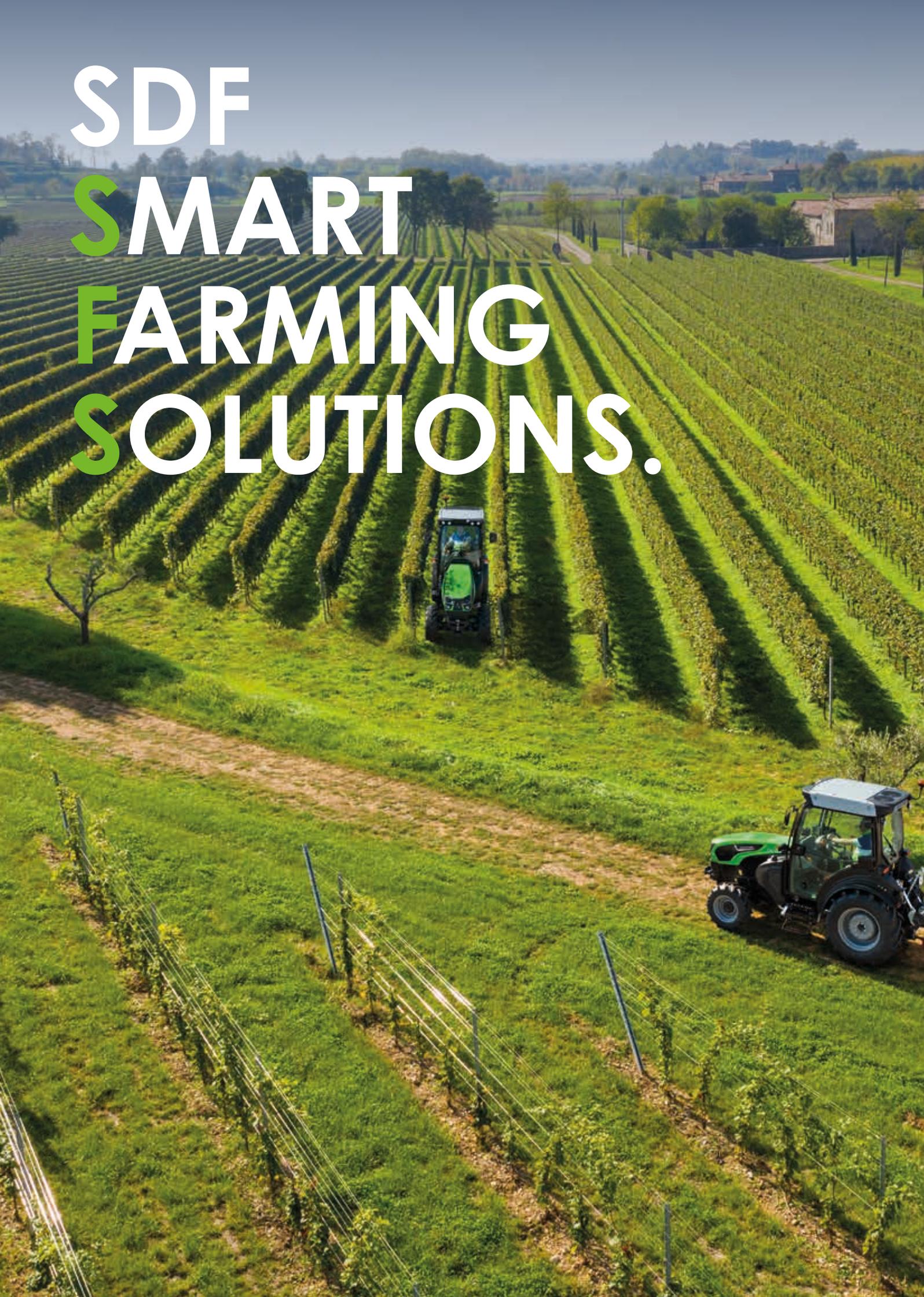


↑ Ergonomic side console with colour coded controls.



↑ Height-adjustable steering wheel.

# SDF SMART FARMING SOLUTIONS.





The new tractors of the 5 DF/DS/DV Series can be equipped with various products and services to simplify work and increase productivity.

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# AGRICULTURE 4.0: FULLY CONNECTED.

State of the art technology for total connectivity.

Optimise operations. Increase efficiency. Linking machines, to the office and to any other external sources simplifies various work processes. SDF Smart Farming Solutions offer practical solutions

for managing key data and staying connected at all times. The user is completely free to make his own choices and decisions at any time, while all data remain the sole property of the user.



📌 Connect the 5 DF/DS/DV cab models with your dealer for fast and comfortable support.



📌 SDF Fleet Management gives access to machine relevant data at all time.

## SDF Fleet Management

With the new SDF Fleet Management application, SDF offers customisable solutions for the real-time management of key data concerning the operation of the machine. Our clients benefit significantly from being in total control of their machines and from the ability to manage a host of vital data, such as tracking data relative to activities. The SDF Fleet Management suite of applications is the centralised control interface for analysing telemetry data from DEUTZ-FAHR machines. Tractor data is transmitted in real time over a mobile internet connection to the application, which allows users to analyse, monitor and even optimise the use of their machinery.

The “map” view shows the location and status of machines or an entire fleet, and can also display historical data. On request, you can set up virtual fences to receive warnings if a machine leaves the area. Error messages may be forwarded to the technical support team of the dealership, and used to predict failure and reduce unnecessary machine down time.

The extraordinary configurability of the new DEUTZ-FAHR 5 DF/DS/DV Series lets customers create the perfect machine for their specific needs, maximising performance while offering unprecedented levels of comfort in a tractor of this category.

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**MAXIMISE  
PERFORMANCE.**



TECHNICAL DATA	SERIES 5 DF - PLATFORM					
	90	95	100	105	115	
<b>ENGINE</b>						
Type		FARMotion 35	FARMotion 45	FARMotion 35	FARMotion 45	FARMotion 45
Emission level		Stage V				
Aspiration		Turbo Intercooler				
Injection @ pressure	Type	Common Rail@2.000 bar				
Cylinder / 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 engine speed (ECE R120)	kW/hp	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max torque @1.400 rpm	Nm	372	389	417	433	472
Fuel tank capacity	l	82	82	82	82	82
AdBlue tank capacity	l	13	13	13	13	13
<b>TRANSMISSION - MECHANICAL SHUTTLE</b>						
Number of speeds - 4 gears transmission		12+12 or 24+12 (with mechanical splitter)				
Max. speed - 4 gears transmission	km/h	40				
Number of speeds - 5 gears transmission		15+15 or 30+15 (with mechanical splitter) or 30+30 (with HI-LO 2-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40 ECO*				
<b>PTO</b>						
PTO speeds		540/540E OR 540/540E/1000				
Groundspeed PTO		○	○	○	○	○
Front PTO and front lift pre-arrangement		○	○	○	○	○
<b>LIFT</b>						
Mechanical rear lift		●	●	●	●	●
Rear lift capacity (STD/OPT)	kg	3130/3940	3130/3940	3130/3940	3130/3940	3130/3940
Front lift and front PTO pre-arrangement		○	○	○	○	○
<b>HYDRAULICS</b>						
Open centre hydraulic system (STD/OPT)	l/min	48/56	48/56	48/56	48/56	48/56
Open centre hydraulic system with double pump (OPT)	l/min	68	68	68	68	68
Rear spool valves (STD/OPT)	n°	2/3	2/3	2/3	2/3	2/3
Flow regulator		○	○	○	○	○
Rear free return		●	●	●	●	●
<b>BRAKES</b>						
4 wheel braking		●	●	●	●	●
Hydraulic trailer brake		○	○	○	○	○
<b>FRONT AXLE</b>						
Electrohydraulic engagement for 4WD and Diff.Lock		●	●	●	●	●
Independent steering pump		●	●	●	●	●
<b>DRIVING POSITION</b>						
Welded platform with tunnel		●	●	●	●	●
2-post foldable safety frame		○	○	○	○	○
Suspended on Hydro silent-block		●	●	●	●	●
Driver seat with mechanical suspension		●	●	●	●	●
Driver seat with pneumatic suspension		○	○	○	○	○
Height adjustment of steering column		●	●	●	●	●
Smartphone holder with 2 USB chargers		●	●	●	●	●

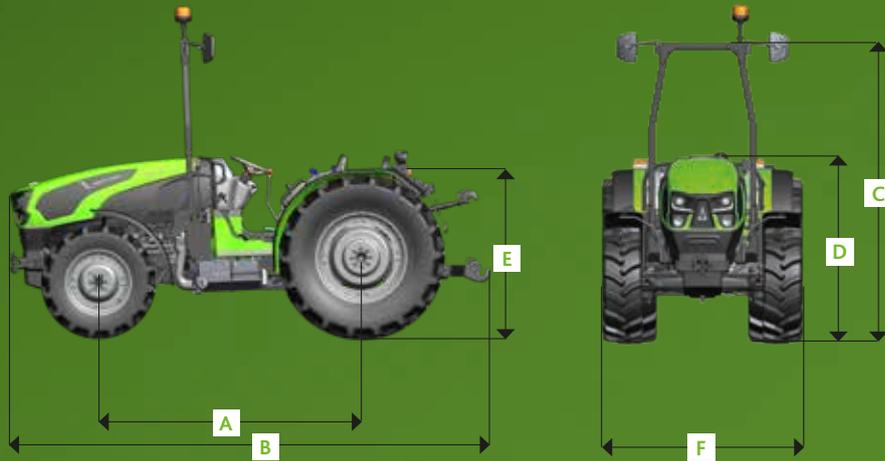
TECHNICAL DATA	SERIES 5 DF					
	90	95	100	105	115	
<b>ENGINE</b>						
Type		FARMotion 35	FARMotion 45	FARMotion 35	FARMotion 45	FARMotion 45
Emission level		Stage V				
Aspiration		Turbo Intercooler				
Injection @ pressure	Type	Common Rail@2.000 bar				
Cylinder / Displacement	n°/cc	3/2887	4/3849	3/2887	4/3849	
Max. power (ECE R120)	kW/hp	67/91	70/95	75/102	78/106	85/116
Power at rated engine speed (ECE R120)	kW/hp	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max torque @1.400 rpm	Nm	372	389	417	433	472
Fuel tank capacity (with front lift/PTO)	l	81 (61)	81 (61)	81 (61)	81 (61)	81 (61)
XL Fuel tank capacity (with front lift/PTO)	l	100 (80)	100 (80)	100 (80)	100 (80)	100 (80)
AdBlue tank capacity	l	13	13	13	13	13
<b>TRANSMISSION - MECHANICAL SHUTTLE</b>						
Number of speeds - 4 gears transmission		12+12 or 24+12 (with mechanical splitter) or 24+24 (with HI-LO 2-Powershift steps)				
Max. speed - 4 gears transmission	km/h	40				
Number of speeds - 5 gears transmission		15+15 or 30+15 (with mechanical splitter) or 30+30 (with HI-LO 2-Powershift steps) or 45+45 (with HML 3-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40 ECO*				
<b>TRANSMISSION - POWERSHUTTLE</b>						
Number of speeds - 5 gears transmission		15+15 or 30+30 (with HI-LO 2-Powershift steps) or 45+45 (with HML 3-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40 ECO*				
<b>PTO</b>						
PTO speeds		540/540E or 540/540E/1000				
Groundspeed PTO		○	○	○	○	○
Front PTO 1000		○	○	○	○	○
<b>LIFT</b>						
Electronic rear lift		●	●	●	●	●
Rear lift capacity (STD/OPT)	kg	3130/3940	3130/3940	3130/3940	3130/3940	3130/3940
Hydraulic right tie rod and stabilisers		○	○	○	○	○
Front lift (1.500 kg)		○	○	○	○	○
<b>HYDRAULICS</b>						
Open centre hydraulic system (STD)	l/min	56	56	56	56	56
Open centre hydraulic system with double pump (OPT)	l/min	68	68	68	68	68
Rear spool valves (STD/OPT)	n°	2/3	2/3	2/3	2/3	2/3
Flow regulator		○	○	○	○	○
Rear free return		●	●	●	●	●
Mid-mounted hydraulic ways - duplicated from rear (OPT)	n° of ways	2/4/5	2/4/5	2/4/5	2/4/5	2/4/5
Mid-mounted free return		○	○	○	○	○
<b>BRAKES</b>						
4 wheel braking		●	●	●	●	●
Hydraulic trailer brake		○	○	○	○	○
<b>FRONT AXLE</b>						
Electrohydraulic engagement for 4WD and Diff. Lock		●	●	●	●	●
Auto 4WD		○	○	○	○	○
Independent steering pump		●	●	●	●	●
Steering Double Displacement (SDD)		○	○	○	○	○
<b>INDEPENDENT FRONT SUSPENDED AXLE (OPT)</b>						
Adaptive-Damping, Active Self-Levelling functions		●	●	●	●	●
Anti-Dive, Anti-Roll functions		●	●	●	●	●
Differential Traction Control (DTC)		●	●	●	●	●
<b>CAB</b>						
Flat floor		●	●	●	●	●
Adjustable steering column		○	○	○	○	○
Suspended on Hydro Silent-Block		●	●	●	●	●
Cat.4 filtration system		○	○	○	○	○
Liftable rear top roof		○	○	○	○	○
Up to 6x LED working lights		○	○	○	○	○
Bluetooth Radio		○	○	○	○	○
CTM		○	○	○	○	○

TECHNICAL DATA	SERIES 5 DS					
		90	95	100	105	115
<b>ENGINE</b>						
Type		FARMotion 35	FARMotion 45	FARMotion 35	FARMotion 45	FARMotion 45
Emission level		Stage V				
Aspiration		Turbo Intercooler				
Injection @ pressure	Type	Common Rail@2.000 bar				
Cylinder / 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 engine speed (ECE R120)	kW/hp	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max torque @1.400 rpm	Nm	372	389	417	433	472
Fuel tank capacity (with front lift/PTO)	l	75 (55)	75 (55)	75 (55)	75 (55)	75 (55)
XL Fuel tank capacity (with front lift/PTO)	l	100 (80)	100 (80)	100 (80)	100 (80)	100 (80)
AdBlue tank capacity	l	13	13	13	13	13
<b>TRANSMISSION - MECHANICAL SHUTTLE</b>						
Number of speeds - 4 gears transmission		12+12 or 24+12 (with mechanical splitter) or 24+24 (with HI-LO 2-Powershift steps)				
Max. speed - 4 gears transmission	km/h	40				
Number of speeds - 5 gears transmission		15+15 or 30+15 (with mechanical splitter) or 30+30 (with HI-LO 2-Powershift steps) or 45+45 (with HML 3-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40 ECO				
<b>TRANSMISSION - POWERSHUTTLE</b>						
Number of speeds - 5 gears transmission		15+15 or 30+30 (with HI-LO 2-Powershift steps) or 45+45 (with HML 3-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40 ECO*				
<b>PTO</b>						
PTO speeds		540/540E or 540/540E/1000				
Groundspeed PTO		○	○	○	○	○
Front PTO 1000		○	○	○	○	○
<b>LIFT</b>						
Electronic rear lift		●	●	●	●	●
Rear lift capacity (STD/OPT)	kg	2600	2600	2600	2600	2600
Hydraulic right tie rod and stabilisers		○	○	○	○	○
Front lift (1.500 kg)		○	○	○	○	○
<b>HYDRAULICS</b>						
Open centre hydraulic system (STD)	l/min	56	56	56	56	56
Open centre hydraulic system with double pump (OPT)	l/min	68	68	68	68	68
Rear spool valves (STD/OPT)	n°	2/3	2/3	2/3	2/3	2/3
Flow regulator		○	○	○	○	○
Rear free return		●	●	●	●	●
Mid-mounted hydraulic ways - duplicated from rear (OPT)	n° of ways	2/4/5	2/4/5	2/4/5	2/4/5	2/4/5
Mid-mounted free return		○	○	○	○	○
<b>BRAKES</b>						
4 wheel braking		●	●	●	●	●
Hydraulic trailer brake		○	○	○	○	○
<b>FRONT AXLE</b>						
Electrohydraulic engagement for 4WD and Diff. Lock		●	●	●	●	●
Auto 4WD		○	○	○	○	○
Independent steering pump		●	●	●	●	●
Steering Double Displacement (SDD)		○	○	○	○	○
<b>INDEPENDENT FRONT SUSPENDED AXLE (OPT)</b>						
Adaptive-Damping, Active Self-Levelling functions		●	●	●	●	●
Anti-Dive, Anti-Roll functions		●	●	●	●	●
Differential Traction Control (DTC)		●	●	●	●	●
<b>CAB</b>						
Flat floor		●	●	●	●	●
Adjustable steering column		○	○	○	○	○
Suspended on Hydro Silent-Block		●	●	●	●	●
Cat.4 filtration system		○	○	○	○	○
Liftable rear top roof		○	○	○	○	○
Up to 6x LED working lights		○	○	○	○	○
Bluetooth Radio		○	○	○	○	○
CTM		○	○	○	○	○

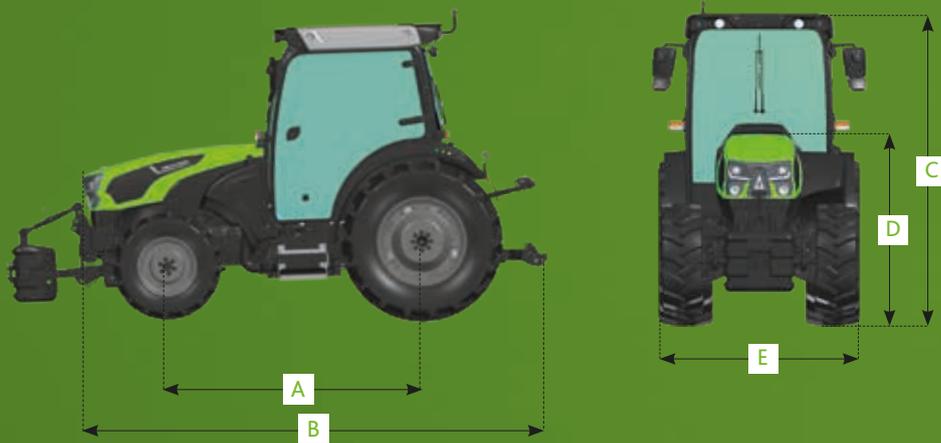
TECHNICAL DATA	SERIES 5 DV					
		90	95	100	105	115
<b>ENGINE</b>						
Type		FARMotion 35	FARMotion 45	FARMotion 35	FARMotion 45	FARMotion 45
Emission level		Stage V				
Aspiration		Turbo Intercooler				
Injection @ pressure	Type	Common Rail@2.000 bar				
Cylinder / Displacement	n°/cc	3/2887	4/3849	3/2887	4/3849	
Max. power (ECE R120)	kW/hp	67/91	70/95	75/102	78/106	85/116
Power at rated engine speed (ECE R120)	kW/hp	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max torque @1.400 rpm	Nm	372	389	417	433	472
Fuel tank capacity (with front lift/PTO)	l	75 (55)	75 (55)	75 (55)	75 (55)	75 (55)
XL Fuel tank capacity (with front lift/PTO)	l	100 (80)	100 (80)	100 (80)	100 (80)	100 (80)
AdBlue tank capacity	l	13	13	13	13	13
<b>TRANSMISSION - MECHANICAL SHUTTLE</b>						
Number of speeds - 5 gears transmission		15+15 or 30+15 (with mechanical splitter) or 30+30 (with HI-LO 2-Powershift steps) or 45+45 (with HML 3-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40				
<b>TRANSMISSION - POWERSHUTTLE</b>						
Number of speeds - 5 gears transmission		15+15 or 30+30 (with HI-LO 2-Powershift steps) or 45+45 (with HML 3-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40				
<b>PTO</b>						
PTO speeds		540/540E or 540/540E/1000				
Groundspeed PTO		○	○	○	○	○
Front PTO 1000		○	○	○	○	○
<b>LIFT</b>						
Electronic rear lift		●	●	●	●	●
Rear lift capacity (STD/OPT)	kg	2600	2600	2600	2600	2600
Hydraulic right tie rod and stabilisers		○	○	○	○	○
Front lift (1.500 kg)		○	○	○	○	○
<b>HYDRAULICS</b>						
Open centre hydraulic system (STD)	l/min	56	56	56	56	56
Open centre hydraulic system with double pump (OPT)	l/min	68	68	68	68	68
Rear spool valves (STD/OPT)	n°	2/3	2/3	2/3	2/3	2/3
Flow regulator		○	○	○	○	○
Rear free return		●	●	●	●	●
Mid-mounted hydraulic ways - duplicated from rear (OPT)	n° of ways	2/4/5	2/4/5	2/4/5	2/4/5	2/4/5
Mid-mounted free return		○	○	○	○	○
<b>BRAKES</b>						
4 wheel braking		●	●	●	●	●
Hydraulic trailer brake		○	○	○	○	○
<b>FRONT AXLE</b>						
Electrohydraulic engagement for 4WD and Diff. Lock		●	●	●	●	●
Auto 4WD		○	○	○	○	○
Independent steering pump		●	●	●	●	●
Steering Double Displacement (SDD)		○	○	○	○	○
<b>INDEPENDENT FRONT SUSPENDED AXLE (OPT)</b>						
Adaptive-Damping, Active Self-Levelling functions		●	●	●	●	●
Anti-Dive, Anti-Roll functions		●	●	●	●	●
Differential Traction Control (DTC)		●	●	●	●	●
<b>CAB</b>						
Flat floor		●	●	●	●	●
Adjustable steering column		○	○	○	○	○
Suspended on Hydro Silent-Block		●	●	●	●	●
Cat.4 filtration system		○	○	○	○	○
Liftable rear top roof		○	○	○	○	○
Up to 6x LED working lights		○	○	○	○	○
Bluetooth Radio		○	○	○	○	○
CTM		○	○	○	○	○

● = standard ○ = option – = not available

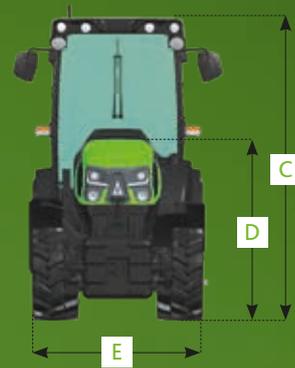
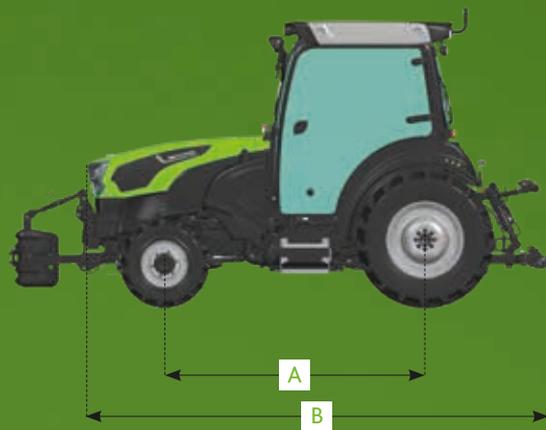
Technical data and figures are only provided for guidance. DEUTZ-FAHR is committed to continuously adapting its products to your requirements and therefore reserves the right to make updates without prior notice.



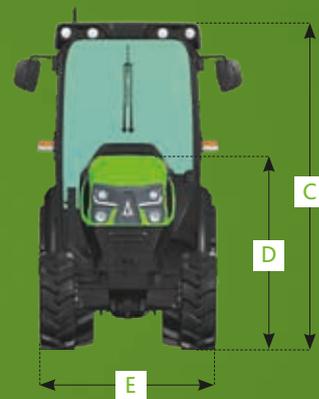
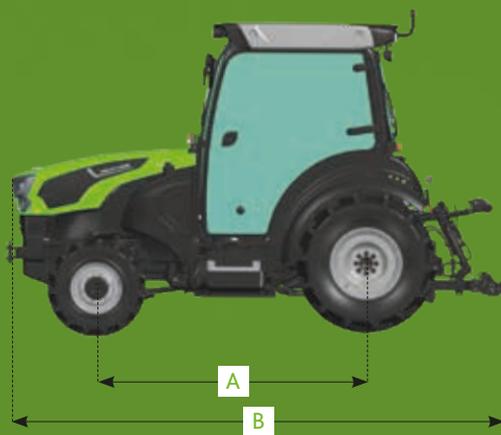
SERIES 5 DF - PLAT		90	95	100	105	115
<b>DIMENSIONS</b>						
With front tyre	Size	240/70 R16				
With rear tyre	Size	380/70 R20				
Wheelbase (A)	mm	2044	2174	2044	2174	2174
Max. length (B)	mm	3825	3955	3825	3955	3955
Total height - ROPS (C)	mm	2225	2355	2225	2355	2355
Height at bonnet (D)	mm	1351	1351	1351	1351	1351
Height at mudguards (E)	mm	1180	1180	1180	1180	1180
Width (F)	mm	1540	1540	1540	1540	1540
Weight	kg	2590	2650	2590	2650	2650
Total admissible load	kg	5000	5000	5000	5000	5000



SERIES 5 DF		90	95	100	105	115
<b>DIMENSIONS</b>						
With front tyre	Size	300/70 R20				
With rear tyre	Size	420/70 R28				
Wheelbase (A)	mm	2044	2174	2044	2174	2174
Max. length (B)	mm	3670	3800	3670	3800	3800
Total height - CAB (C)	mm	2520	2520	2520	2520	2520
Height at bonnet (D)	mm	1475	1475	1475	1475	1475
Width (E)	mm	1624	1624	1624	1624	1624
Weight - CAB	kg	3290-3880	3515-4105	3290-3880	3515-4105	3515-4105
Total admissible load	kg	5200	5200	5200	5200	5200



SERIES 5 DS		90	95	100	105	115
<b>DIMENSIONS</b>						
With front tyre	Size	280/70 R18				
With rear tyre	Size	380/70 R28				
Wheelbase (A)	mm	2086	2216	2086	2216	2216
Max. length (B)	mm	3670	3800	3670	3800	3800
Total height - CAB (C)	mm	2495	2495	2495	2495	2495
Height at bonnet (D)	mm	1475	1475	1475	1475	1475
Width (E)	mm	1380	1380	1380	1380	1380
Weight - CAB	kg	3265-3865	3320-3920	3265-3865	3320-3920	3320-3920
Total admissible load	kg	5000	5000	5000	5000	5000



SERIES 5 DV		90	95	100	105	115
<b>DIMENSIONS</b>						
With front tyre	Size	180/95 R16				
With rear tyre	Size	280/85 R24				
Wheelbase (A)	mm	2086	2216	2086	2216	2216
Max. length (B)	mm	3670	3800	3670	3800	3800
Total height - CAB (C)	mm	2395	2395	2395	2395	2395
Height at bonnet (D)	mm	1440	1440	1440	1440	1440
Width (E)	mm	1166	1166	1166	1166	1166
Weight - CAB	kg	3180-3690	3235-3745	3180-3690	3235-3745	3235-3745
Total admissible load	kg	5000	5000	5000	5000	5000



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