

5DF KEYLINE SERIES.



5070 – 5080 DF KEYLINE
STAGE V



DEUTZ-FAHR 5DF KEYLINE.

Ergonomical controls.

5DF Keyline feature a low-profile centre tunnel and comfortable

Safety and performance.

All 5DF Keyline models comes equipped with 4WD front axle with brakes. This allows a true 4-wheel braking that enhances the driving safety both in flat or hilly roads. As an option, a separate brake logic valve is also available.

Powerful FARMotion 35 engine.

State-of-art FARMotion engine with electronically controlled Common Rail injection, specifically designed for agricultural purposes. The strict requirements of Stage V standards are fulfilled with a simple after-treatment system that does not require the use of additional fluids (such as AdBlue). Thanks to careful installation of the exhaust after-treatment by DEUTZ-FAHR engineers, the overall dimensions of the tractor are the same of the predecessor models, keeping their well appreciated agility and visibility.



SIMPLE AND EFFICIENT.

Your key to efficiency from 65 to 75 Hp.

controls, while DEUTZ-FAHR's tried and tested colour-coded control scheme lets the driver identify controls immediately and intuitively with no guesswork.

Complete gearbox.

The models of 5DF Keyline Series can be equipped with a wide choice of mechanical transmissions, ranging from a 4-gear 8+8 up to a 5-gear 30+15 with splitter and creeper. All transmissions have a top speed of 40 km/h.

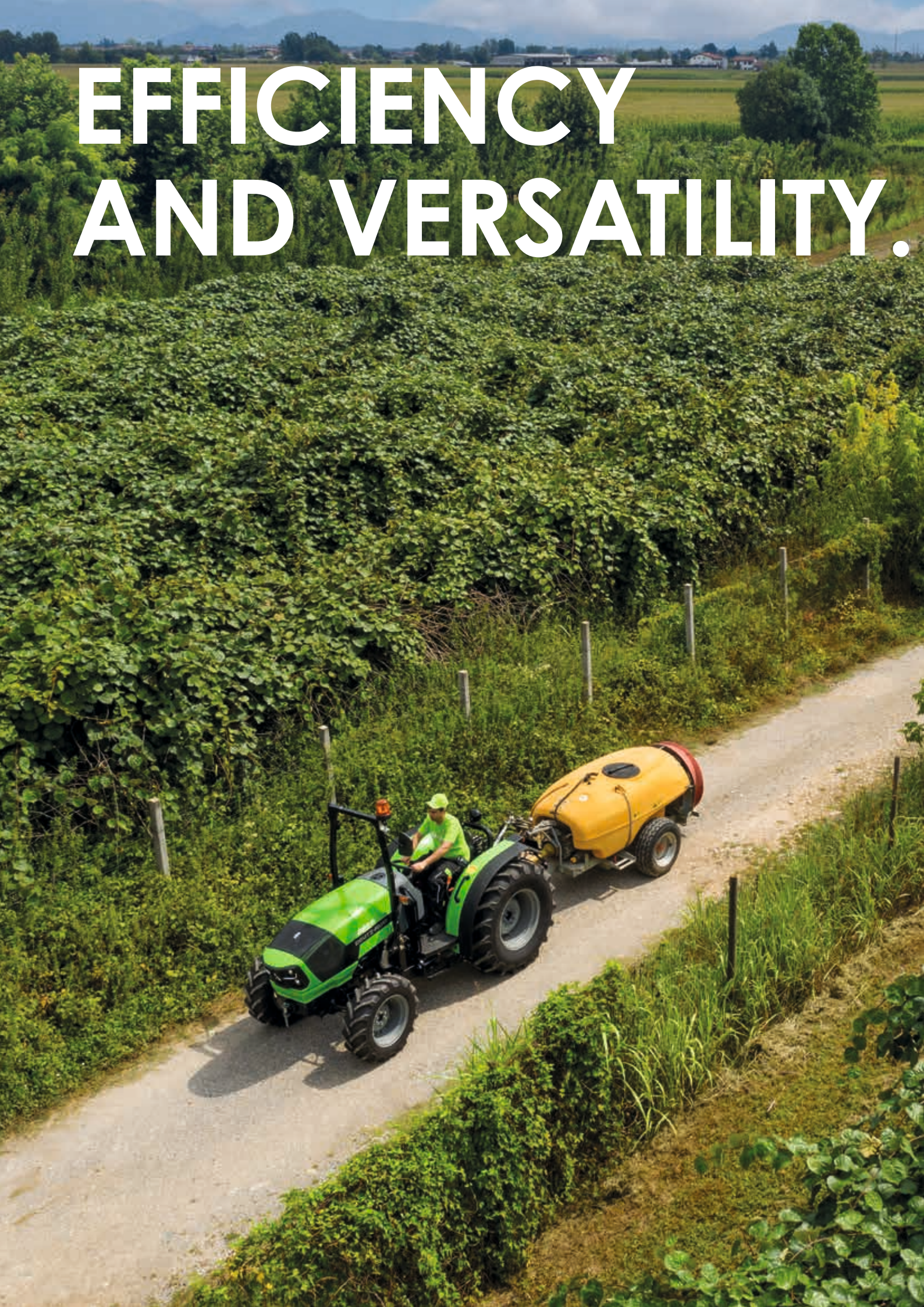
Powerful mechanical rear lift.

Available as two versions differing in geometry and maximum lift capacity (2700 kg for the Compact variant and 3050 kg for the Standard lift), the hydraulic rear lift features the well-known DEUTZ-FAHR Automatic Control Station offering precision and requiring even less effort to operate using the mechanical control levers.

With the 5DF Keyline Series, DEUTZ-FAHR offers the ideal specialist tractor for fruit growers and plantation owners looking for functionality, simplicity and low cost of ownership. The 5DF Keyline range includes two models from 65 to 75 Hp that stand out for their total safety and easy-to-use, thanks to the tried-and-tested four-wheel brake system and the rationally and ergonomically laid-out mechanical controls. The 5DF Keyline Series has been conceived to minimise low running costs, and offers excellent value for money with superior build quality, state-of-the-art design and complete

compliance with Stage V emissions regulations, with a combined DOC+DPF exhaust after-treatment system that does not require the use of AdBlue. Thanks in part to a turbo engine with intercooler, four- or five-speed transmission and a top speed of 40 km/h and a rear lifting capacity of up to 3,050 kg on standard models, 5DF Keyline tractors not only offer great equipment at a low price, but are also the optimum tractor for all job profiles – even outside the orchards and fruit plantations.

EFFICIENCY AND VERSATILITY.





DEUTZ-FAHR 5DF Keyline:
the ideal compact tractor to
increase your productivity.



ENGINE.

Developed to deliver high power at low speeds.



Highlights

- FARMotion 35 engine. Specifically designed for agricultural purposes
- 600 hours engine oil change interval
- Hydraulic valve lifters for minimal maintenance
- New pre-heating system for an improved starting behaviour
- Electronically controlled injection with engine speed memory
- Stage V compliant without AdBlue

The 5DF Keyline models feature powerful FARMotion 35 engines with high torque and turbo with intercooler. Electronic controlled Common Rail injection system - that can reach 2,000 bar – together with viscostatic fan form an impressive suite of technological solutions for optimising combustion efficiency to maximise performance while minimising fuel consumption. The new preheat system, on the other hand, ensures dependable, quick engine starts even in the coldest weather. Just like the higher power models in the DEUTZ-FAHR family, maximum engine speed is just 2200 rpm, while the 80 model boasts a torque reserve of 28%. Compliance with Stage V emissions regulations is attained with a combined after-treatment system with an external cooled EGR circuit, a DOC



Easy to maintain thanks to wide opening single piece bonnet.



Engine speed memory. Save and recall an engine speed only by pressing a button.

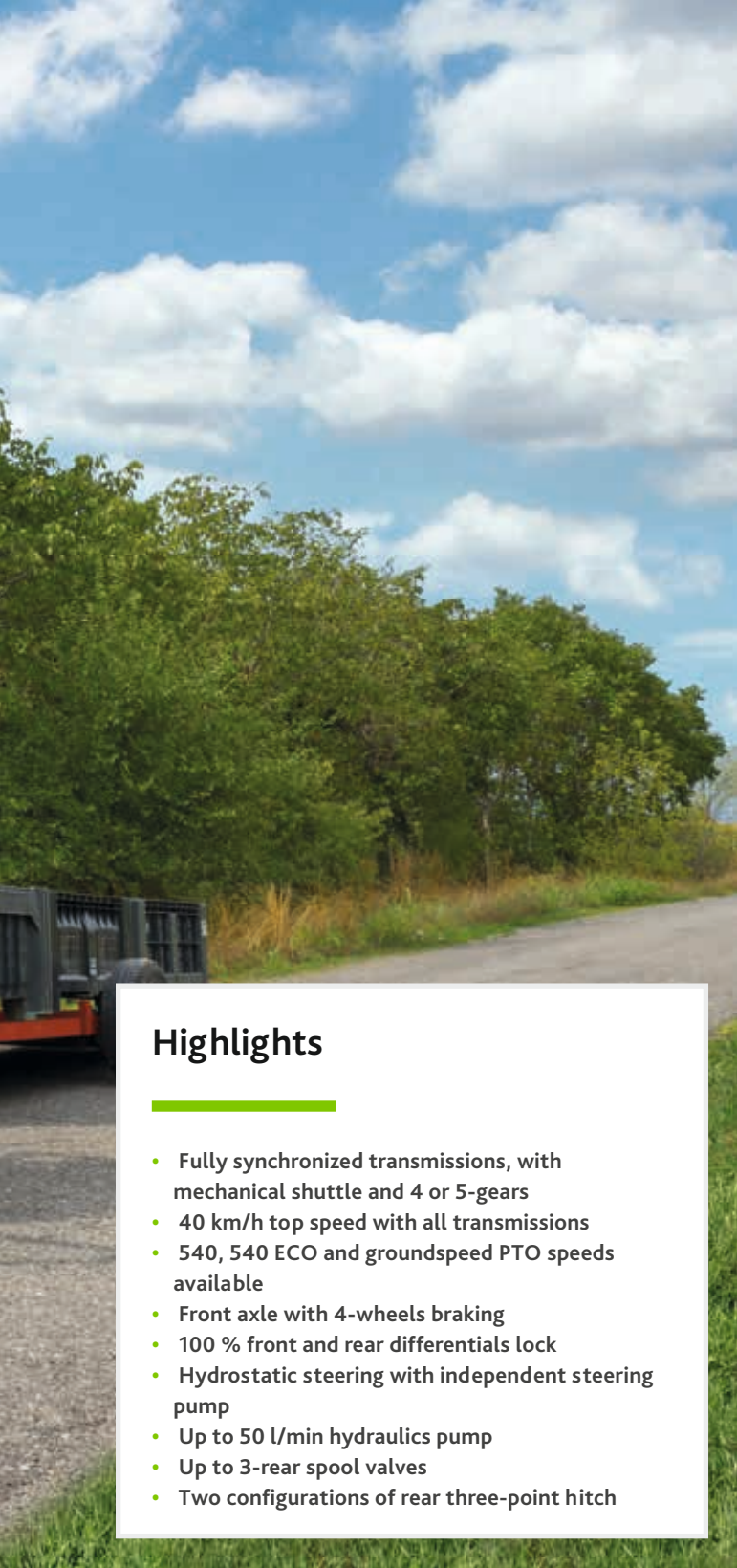
catalytic converter and a passive DPF filter, which requires neither AdBlue nor the use of additional fuel.

The entire layout of the exhaust after-treatment system has been optimised by DEUTZ-FAHR's engineers to keep the bonnet profile as low as possible. In addition to that, the remarkably compact FARMotion 35 engine contributes to the excellent manoeuvrability of the tractors of the 5DF Keyline series by allowing for generous steering angles. The models are fitted as standard with engine speed memory function. This function allows saving and recalling an engine speed by simply pressing a button and is very useful when working with PTO-driven implements.



TRANSMISSION AND PTO.

Equipped for every task.

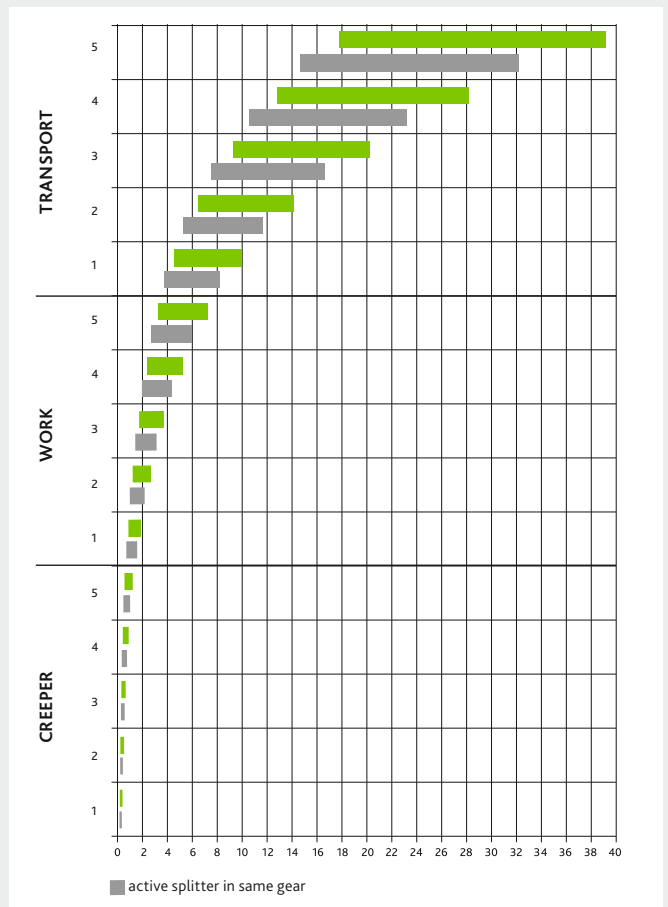


Highlights

- Fully synchronized transmissions, with mechanical shuttle and 4 or 5-gears
- 40 km/h top speed with all transmissions
- 540, 540 ECO and groundspeed PTO speeds available
- Front axle with 4-wheels braking
- 100 % front and rear differentials lock
- Hydrostatic steering with independent steering pump
- Up to 50 l/min hydraulics pump
- Up to 3-rear spool valves
- Two configurations of rear three-point hitch



True 4-wheel braking thanks to front brakes.



Complete choice of working speeds from 0.23 to 40 km/h with 30+15 transmission with creeper and splitter.

There is a choice of four synchronised gearboxes for efficient power transmission, ranging from the simple four-speed gearbox (8+8) or five-speed gearbox (10+10) to the five-speed gearbox with three transmission groups, including creeper gear (15+15) and splitter (30+15). All four configurations are highly efficient solutions with fully-synchronised shifting, geared for a top speed of 40 km/h. Tractors equipped with the supercreeper gear are capable of working at ground speeds of just 230 metres per hour at maximum engine speed in the lowest gear. You can choose the PTO equipment, opting for 540 rpm or a 540/540 ECO rpm.

The PTO is mechanically controlled using a dry clutch allowing for smooth, progressive engagement and disengagement. 5DF Keyline models can also be equipped with a ground speed PTO, that is mandatory when using the tractor with driven axle trailers. The 5DF Keyline therefore has the ideal equipment for all tasks and is able to make a significant contribution to the growth of your business. All 5DF Keyline models are equipped with 100% differential lock, independent steering pump and a four-wheel brake system with wet disc brakes and a separate brake logic valve. This guarantees the highest braking effect and maximum safety.

HYDRAULICS AND LIFT.

Designed for great results.

Only with a high-performance rear power lift and hydraulic system can a tractor be a truly efficient and universal piece of equipment. For many years, DEUTZ-FAHR has been well known for its rear lifts, which stand out for their precision, simple operation and maximum efficiency. The 5DF Keyline models have two different rear configurations of three-point hitch: the standard version with a lifting capacity of 3,050 kg and the compact version with a lifting capacity of up to 2,700 kg. With the compact version, the new 5DF Keyline reaches a minimum width of only 1325 mm in the rear, with

320/85R24. The mechanical lifting control ensures precision when attachments are in use. The hydraulic pump supplies two or three mechanical control valves with a flow rate of 42 l/min or 50 l/min. For steering, there is a separate pump to guarantee light steering, even when using the working hydraulics or at low engine revs.

For safe transport operations and road transfer an hydraulic DUAL-MODE trailer brake is also available as option.



↑ Up to 3 rear mechanical spool valves.



↑ Precise mechanical rear lift with easy control.





DRIVER POSITION.

Conceived to be easy to use and comfortable.



Highlights

- Low profile centre tunnel
- 2-post foldable ROPS
- Colour-coded controls
- Analogue-digital dashboard

You should not make any compromises when it comes to working conditions and driver well-being. With that in mind, with all 5DF Keyline models you can simply get in, drive off and feel good. The driver's seat with a broad range of spring stiffness settings and seating position, thanks to low central tunnel, are extremely comfortable. All operating and driving details are clearly displayed on the analogue-digital InfoCentre. As a result, the driver always has an eye on everything.

The gear change levers and other controls are within easy reach, colour-coded and intuitively arranged according to their frequency of use. This guarantees easy operation even after many hours of work. The 2-post ROPS can be folded down in order to minimise tractor height and increase its agility in orchards, especially when working under tree branches.

Technical data		5070 DF Keyline	5080 DF Keyline
ENGINE			
Type		FARMotion 35	
Emission level		Stage V	
Aspiration		Turbo Intercooler	
Injection@pressure		Common Rail @ 2.000 bar	
Cylinders/Displacement	n°/cc	3/2.887	
Max. power @ 2.000 rpm	kW/Hp	48.9/66	55.8/76
Rated power @ 2.200 rpm	kW/Hp	48/65	55.2/75
Max. torque @ 1600 rpm	Nm	297	341
Fuel tank	l	65	
TRANSMISSION			
Mechanical shuttle		●	●
Max. speed		40 km/h	
4-GEARS TRANSMISSION			
N° of speed		8+8	
5-GEARS TRANSMISSION			
N° OF SPEED		10+10 or 15+15 with creeper or 30+15 with creeper and mechanical splitter	
PTO			
Mechanical engagement		●	●
PTO speeds		540/540E	
Groundspeed PTO		○	○
LIFT			
Mechanical rear lift		●	●
Rear lifting capacity - Standard	kg	3050	
Rear lifting capacity - Compact	kg	2700	
Rear lift link category	Cat.	I or II	I or II
HYDRAULICS			
Pump flow	l/min	42 or 50	42 or 50
Rear spool valves	n°	2/3	2/3
BRAKES			
4 wheel braking		●	●
Mechanical parking brake		●	●
Hydraulic DUAL-MODE trailer brake		○	○
FRONT AXLE			
Mechanical engagement for Diff.Lock		●	●
Mechanical engagement for 4WD		●	●
Independent steering pump		●	●
ROPS			
2-post foldable ROPS		●	●
Analogue-digital dashboard		●	●
Rear working lamp		●	●
Side gear levers		●	●


● = standard ○ = option – = not available



Technical data		5070 DF Keyline	5080 DF Keyline
DIMENSIONS			
With front tyre	Size	280/70 R16	
With rear tyre	Size	360/70 R24	
Wheelbase (A)	mm	1996	
Max. length (B)	mm	3442	
Total height - ROPS (C)	mm	2189	
Height at bonnet (F)	mm	1387	
Width (E)	mm	1640	
Weight - ROPS	kg	2535	

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.

To discover more please contact your dealer
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