

3 SERIES.



3050 - 3060
STAGE V



DEUTZ-FAHR 3 SERIES.

The most complete compact tractors available today.

The DEUTZ-FAHR 3 Series consists of both cab models and models with fold-down ROPS, powered by 4-cylinder engines with maximum power outputs of 51 or 59 HP and boasting standard equipment (and a choice of optional features) normally seen only on more powerful machines.

Engines powerful and clean, like the big ones.

With a total displacement of 2200 cm³, maximum torque on tap at 1600 rpm and a maximum rated engine speed of just 2600 rpm, the engine of the new 3 Series family delivers best-in-class performance.



ULTRA-COMPACT MULTI-PURPOSE MACHINES.

Class-beating performance in all situations.



All the comfort of a bigger tractor.

In spite of their compact size, these tractors offer outstanding levels of comfort, whether in case of the platform with two-pillar fold-down front ROPS or in case of the versions equipped with the advanced air-conditioned four-pillar cab designed specifically for this family of little giants.

All the customisable features and options you could want.

The 3 Series is equipped with a dual pump hydraulic system, a potent rear lift with draft control, electrohydraulically operated differential locks and many more features. While options include a front lift and PTO, a wide choice of ballast weight solutions and much, much more.

The 3 Series is a family of compact multi-role tractors conceived to deliver superlative performance in any situation. The engines meet the requirements of Stage V emissions regulations while maintaining the same overall dimensions (bonnet height included) of the previous generation.

The extraordinary versatility of these machines make them perfect for vineyards, fruit orchards and protected crop farming, but also for nurseries and for application with small front loaders and municipal operators responsible for road, park and grounds maintenance.

The low operating costs and extraordinary simplicity of use of the 3 Series also make these tractors the ideal solution for the more accomplished hobby farmer.

Boasting new 2200 cm³ 4-cylinder engines, a robust transmission, a dual pump hydraulic system and electrohydraulically operated 100% lockable differentials, the tractors of the 3 Series offer performance unrivalled by any other machine in this class.

THE ESSENCE OF COMPACT POW





ER.

DEUTZ-FAHR 3 Series:
incredible performance in a
small package.

Highlights

- 2200 cm³ 4-cylinder engines with common rail injection, turbocharger with wastegate valve
- Electronic engine management
- Minimised maintenance
- Compliance with Stage V regulations without additional fluids or regeneration cycles performed by injecting fuel into exhaust
- Low vibrations and extraordinary operating range



ENGINE.

Class-leading performance and low engine speeds.



Stage V compliant engines with Common Rail injection and power outputs up to 59 HP.



Best visibility thanks to the low bonnet profile.

The compact 2200 cm³ four-cylinder engine with electronically controlled common rail injection and turbocharger with wastegate equipping the 3 Series has a maximum rated speed of 2600 rpm and develops maximum torque at just 1600 rpm (as on the brand's higher power models), benefiting both reliability and fuel efficiency. Combined with the generous 40 litre fuel tank, this allows these tractors to keep on working uninterruptedly for hours. The outstanding performance of these new engines sets new standards for this power class, while maintenance and emissions are also minimised.

Compliance with Stage V emissions regulations is attained with a combined aftertreatment system consisting of an electronically controlled external, cooled exhaust recirculation circuit (EGR), a DOC catalytic converter and a passive DPF particulate filter. The result is a suite of maintenance-free solutions ensuring effective environmental protection but without requiring additional fluids or periodic regeneration cycles performed by injecting fuel into the exhaust.



TRANSMISSION AND PTO.

Unrivalled performance and extraordinary efficiency.

A fully synchronised (shuttle included) all-mechanical transmission engineered and built specifically for the new series 3 lets the driver select the ideal ratio for any task. Ergonomic controls situated under the steering wheel and a top speed of 30 km/h (reached at lower engine speeds) improve operator comfort even when travelling between sites by road.

The standard configuration offers a choice of 12 forward and reverse speeds, while an additional 4 ratios for ultra-low speed tasks are available as an option. This increases the total number of speeds available to 16+16 and lets the tractor work at speeds as low as just 260 metres per hour at maximum engine speed (with effectively maximum power on tap)!

The already outstanding traction offered by these machines is taken even further with four-wheel drive, selectable with a practical lever control, while the 100% lockable differential locks can be selected electrohydraulically by simply pressing a button to get you out of trouble even in the worst terrain conditions.

The rear PTO comes as standard with the 540 rpm speed mode, while an 540 ECO or 1000 rpm mode and a groundspeed mode can be added as an option. The speed mode required is selected simply and easily with a specific control in the driver zone. In addition to this, an optional 2000 rpm mid-mounted PTO and electronically selectable 1000 rpm front PTO further extend the already extraordinary versatility of this ultra-compact tractor.

Highlights

- Ergonomic steering column mounted transmission controls
- 12+12 speeds in standard configuration, with a top speed of 30 km/h at economy engine speed
- 16+16 speeds in optional configuration, for a minimum groundspeed of just 260 metres/hour at maximum engine rpm
- Electrohydraulically selected 100% lockable front and rear differential locks
- 540 ECO, 1000 rpm and groundspeed PTO speed modes available
- Optional 1000 front PTO and 2000 rpm mid-mounted PTO



↑ 3-speed PTO and groundspeed PTO to cater for any application.



↑ Mechanical transmission with synchronized reverse shuttle.



Highlights

- Hydraulic system with dual pump for steering and auxiliaries
- Optional front lift
- Up to 6 rear hydraulic couplers, 2 mid-mounted couplers and 2 front couplers
- Rear lift with draft and position control as standard

HYDRAULICS AND LIFTS.

Class-topping performance.



Up to 6 rear hydraulic couplers.



Rear lift with draft, position and mixed control.

The hydraulic system comes as standard with dual pumps and potent lifts, meaning that Series 3 tractors can tackle any task with confidence and work with implements normally used only with machines belonging to higher power classes. In the base configuration the hydraulic system features a 30 l/min pump feeding the lifts and distributors (available with up to 6 couplers), and a secondary 15 l/min pump dedicated solely to the hydraulic steering system, which ensures effortless steering and impeccable manoeuvrability even at low engine speeds and when handling heavy loads with the lift. The rear lift boasts an impressive maximum load capacity of 1.320 kg (at the link ends), and features position, draft, mixed position-draft control and float modes.

As a result of these features, combined with the legendary responsiveness and precision of DEUTZ-FAHR's proprietary SAC (Automatic Control Station), 3 Series tractors ensure effective, no-compromise performance well beyond what you'd expect from a tractor this compact, even in the most challenging soil preparation tasks such as ploughing and subsoil tillage. And with an optional 730 kg front lift equippable with an electronically engaged PTO, these little giants are also unbeatable in their power class in terms of choice of equipment.

Highlights

- The ergonomics and comfort of a bigger tractor
- Cab version with air-conditioning system as option
- Platforms suspended on silent-block mounts
- Extraordinary simplicity of use



DRIVER POSITION.

Superlative comfort.

Both the versions with comfortable 4-pillar high-visibility cab (developed specifically for the new 3 series) and the versions with fold-down ROPS offer unrivalled levels of comfort and user-friendliness. In both cases, the platform is isolated completely from the transmission with rubber vibration damper blocks to significantly reduce noise and vibration. Intelligently designed interiors and controls laid out in accordance with the latest ergonomic principles minimise operator stress. To offer an extraordinarily safe and comfortable working environment, seats with a broad range of spring stiffness settings and a steering wheel with adjustable telescopic steering column ensure that the ideal driving position can be found for operators of any stature and build.

The ergonomic controls organised in the Deutz-Fahr brand's tried and tested colour coded layout make the tractor incredibly simple and intuitive to use.

The sophisticated style and ergonomically excellent layout of the cab of the 3 Series sets a new benchmark for its class.

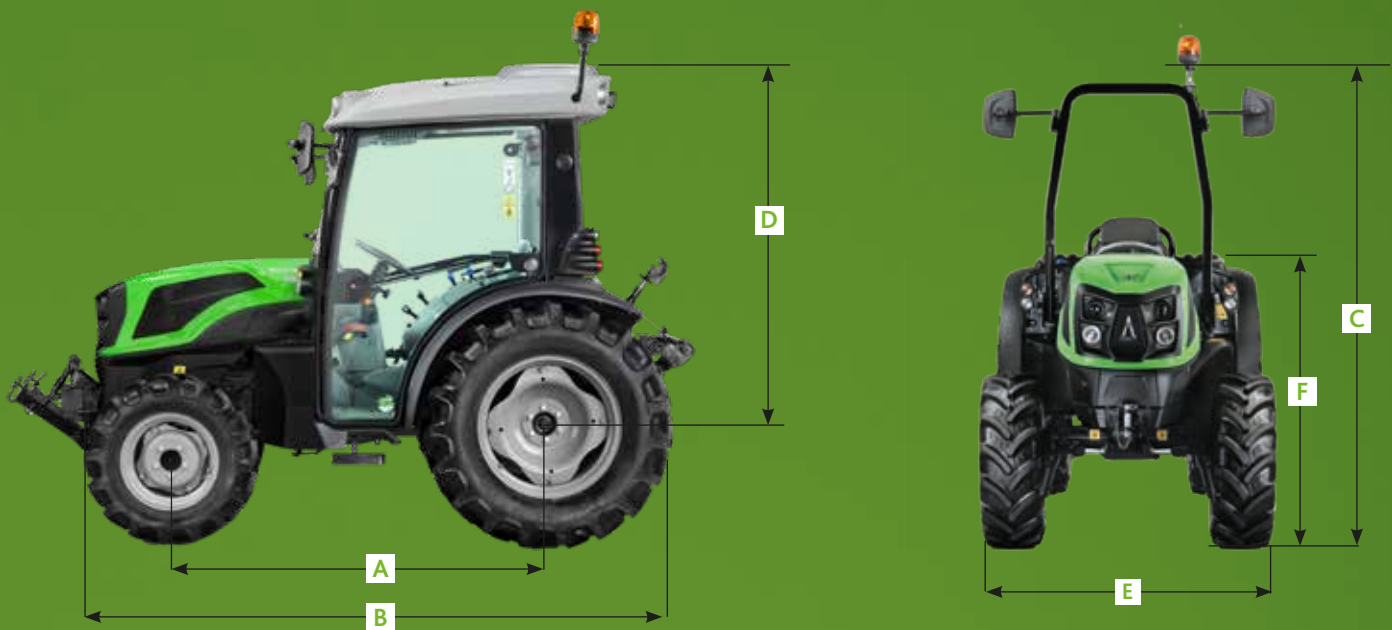
And for even greater comfort when working in hot climates, a high power air conditioning system is also available. Other options include active carbon air filters which, when used in conjunction with the positive pressure cab ventilation system, offer effective protection to the driver .



↑ ROPS version with platform suspended on Silent-Block mounts.

Technical data		50 NARROW	50	60
ENGINE				
Manufacturer			Perkins	
Emissions compliance			Stage V	
Induction			Turbo	
Injection			Common Rail	
Cylinders/Displacement	No./cc		4/2216	
Max. power @ 2600 rpm	kW/Hp	38/51	38/51	43,5/59
Max. torque @ 1600 rpm	Nm	145	145	170
Fuel tank	l	40	40	40
TRANSMISSION				
Mechanical shuttle		●	●	●
Max. speed		30 km/h at economy engine speed		
No. of speeds		12+12 or 16+16 with creeper		
PTO				
Mechanically engaged		●	●	●
PTO speeds		540/540E/1,000	540/540E/1,000	540/540E/1,000
Groundspeed PTO		○	○	○
Front PTO 1000		○	○	○
Electrohydraulically engaged front PTO		●	●	●
Mid mounted PTO 2000		○	○	○
LIFT				
Mechanical rear lift		●	●	●
Rear lifting capacity	kg	1320	1320	1320
Rear lift link category	Cat.	I or II	I or II	I or II
Front lift (730 kg lifting capacity)		○	○	○
HYDRAULICS				
Pump capacity	l/min	30	30	30
Rear hydraulic couplers	No. of ways	4/6	4/6	4/6
Front hydraulic couplers	No. of ways	2	2	2
Mid mounted hydraulic couplers	No. of ways	2	2	2
FRONT AXLE				
Electrohydraulically engaged Diff.Lock		●	●	●
Mechanically selected 4WD		●	●	●
Independent steering pump		●	●	●

Technical data	50 NARROW	50	60
ROPS			
Platform mounted on Silent-Blocks	●	●	●
2-post fold-down ROPS	●	●	●
Digital dashboard	●	●	●
CAB			
4-post cab	-	●	●
Air conditioning	-	○	○
Activated carbon air filter	-	○	○
Digital dashboard	-	●	●
Openable front window	-	●	●
2 front + 2 rear working lights	-	●	●
Radio pre-arrangement with two loudspeakers	-	●	●




Technical data		50 NARROW	50	60
DIMENSIONS				
With front tyre	Size	200/70 R16		260/70 R16
With rear tyre	Size	320/70 R20		320/70 R24
Wheelbase (A)	mm		1800	
Max. length (B)	mm		3519	
Total height - CAB (C)	mm	-		2258
Total height - ROPS (C)	mm	2253		2303
Height at cowl (F)	mm	1296		1336
Centre of rear axle - cab (D)	mm	-		1733
Width (E)	mm	1375		1456
Weight - ROPS	kg		1600	
Weight - CAB	kg	-		1850

● = standard ○ = optional - = not available

The technical data and images contained herein are indicative only. DEUTZ-FAHR is committed to continuously improving its products to meet your requirements, and reserves the right to modify its products at any time without prior notice.

For more information, contact your dealer
or visit deutz-fahr.com.

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