

FENDT



Fendt 800 Vario

Leaders drive Fendt.



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Fendt is a worldwide brand of AGCO.
All details regarding scope of delivery, appearance, performance, dimensions and weights, fuel consumption and running costs of vehicles reflect the latest information available at the time of print. These may change by the time of purchase. Your Fendt dealer will be happy to inform you about any changes. The vehicles shown do not feature country-specific equipment.

28.86 kg/hp

Weight-power ratio

7.6 t

Payload

360°

Lighting

385 l/min

max. hydraulic performance



When you have
the **best colleagues**
in the world



Newly thought out and newly developed – innovative strength and passion are in every single component of the fifth generation of Fendt 800 Vario. With its enormous operational strength combined with maximum efficiency, a performance range of 283 to 343 hp with the Fendt DynamicPerformance concept, its incredible payload of 7.6 tonnes and the new 360 degree lighting, it delivers the performance needed - 24/7. Add to this, unparalleled comfort of the new cab. This combination of excellent performance and first-class comfort makes the Fendt 800 Vario Gen5 much more than just a tractor, making it the best colleague in the world.



Areas of application



Arable



Transport



Grassland

Highlights of the Fendt 800 Vario

1 Pioneering 360° lighting concept
114,700 lumens on the Fendt 800 Vario shine light exactly where it is needed. The new UltraVision LED spotlights, installed all around in the cab roof and on the cab, make working at night as easy as during the day. The Ground-Vision LED spotlights installed in the fenders also illuminate the rear implement area perfectly, so that you can keep an eye on the implement when changing and detaching as well as when working in the field.

2 Incredibly high payload
The optimised frame structure offers high strength with a low dead weight. As a result, the Fendt 800 Vario carries an incredible payload of 7.6 t. This allows heavier attachments to be used without exceeding the permissible overall weight of 17.5 t (at 40/50 km/h version). Likewise, more payload can be utilised per transport trip, which saves additional trips and valuable time.

3 New engine: AGCO Power CORE80
With the newly developed 6-cylinder AGCO Power CORE80 engine with a cubic capacity of 8.0 litres and a maximum of 252 kW/343 hp, the Fendt 800 Vario delivers power without limits. Combined with a minimum operating weight of 9.9 t, the tractor achieves an impressively low power-to-weight ratio of only 28.86 kg/hp. Together with the generous diesel tank of 540 l (65 l AdBlue tank) with optional heated fuel pre-filter, the Fendt 800 Vario provides constant power.

4 Double pump hydraulics
The Fendt 800 Vario has no lack of reliable hydraulic performance: together, two hydraulic oil pumps deliver a maximum volume flow of 385 l/min – ideal for demanding implements. The demand-oriented conveying capacity of the double pumps (pressure and volume) ensures maximum efficiency, even when several consumers are used in parallel.

5 Intelligent VarioDrive
The Vario drivetrain stands for stepless, dynamic driving at any speed from 0.02 to 60 km/h, an independent, variable four-wheel drive up to 25 km/h and a smallest possible turning circle thanks to the pull-in turn effect. The result: maximum soil protection, higher efficiency and less wear on the machine.



6 First-class workstation
In order for the driver to concentrate on the essentials, particular emphasis was placed on an optimised working environment, driving comfort and user-friendliness during the development of the new cab. The premium massage seat, comfortable footrests for the footrest, the automatic dust extraction system for the cab air filter and the 12-litre cooling box are just some of the features that make long working days so much more pleasant.

7 Best overview, even backwards
Thanks to the optional reverse drive control of the Fendt 800 Vario, the entire driver's cab can be rotated by 180 degrees, supported pneumatically. Best of all, the operating logic adapts automatically – so the driver doesn't have to rethink; the system thinks for him. The pivoted driver's cab on the tractor is particularly useful for special tasks such as forestry operations or municipal work.

8 VarioGrip tyre pressure regulation system
With VarioGrip, the air pressure of the tyres can be conveniently adjusted for use via the terminal. An optimally adjusted tyre pressure reduces slippage and ground pressure, thus maintaining soil fertility and increasing the towing power by up to 10%*. Thanks to this sophisticated technology, the system is suitable for various types of axles and tyres.

*South Westphalia University of Applied Sciences; Agricultural Economics Soest



Performance, Impact and Security

For maximum performance in the field

The Fendt 800 Vario is ideal for heavy-duty work in the field. VarioDrive and the Fendt iD low-speed concept offer maximum efficiency in the drivetrain and engine. With the integrated VarioGrip tyre pressure regulation system and the twin tyres with dual wheel hub, traction is increased and ground pressure is reduced at the same time. The easy installation of the dual wheel hub enables quick changeover for the respective application. Two hydraulic pumps in combination with the additional hydraulic oil cooler provide reliable hydraulic performance, without pressure fluctuations at several consumers with different demands on pressure and quantity, even at high temperatures.

High Speed Guidance allows the guidance system to operate up to 40 km/h, which increases impact and area performance. Farms where the working width of the seed drill is not coordinated with cultivation machines benefit from Tramline Control. This eliminates the need to count the tramlines, which optimises both working comfort and efficiency. The new generation of cabs, including infotainment package, cooling box and premium driver's seat, guarantees first-class comfort for long working days.

For power in grassland

Thanks to the incredible payload of 7.6 t and the permissible total weight of 17.5 t (at 40/50 km/h version), the Fendt 800 Vario can carry large implements – for more power due to higher working widths, without problems with road approval. The GroundVision drawbar lighting provides an optimal view of the pick-up, so that the working width is always perfectly illuminated even in darkness and at dusk. It also makes it easier to attach and detach implements at night. For easy use of the steering system, which adapts to the way the driver works, there is a “coverage guidance” in FendtONE. This allows the guidance system to be used at the touch of a button – without the prior recording of field boundaries or existing tramlines.



For speed and safety in transport

60 km/h maximum speed, Fendt iD low speed concept, VarioGrip for optimum tyre pressure and efficient VarioDrive drivetrain – in combination with the powerful 6-cylinder AGCO Power CORE80 engine, the Fendt 800 Vario is probably the fastest and most economical vehicle in the harvesting chain. The overall higher braking force ensures safety on the road and control over the

team at high speeds thanks to the three available brakes: pneumatic service brake, VTG exhaust brake and the hydraulic auxiliary brake. In addition, the trailer brake assistant continuously monitors the thrust behaviour and automatically brakes the trailer with a pneumatic braking system. Seat, mirror, multimedia, light and telephone can be individually adjusted on the terminal to enable everything in view during the transport journey.



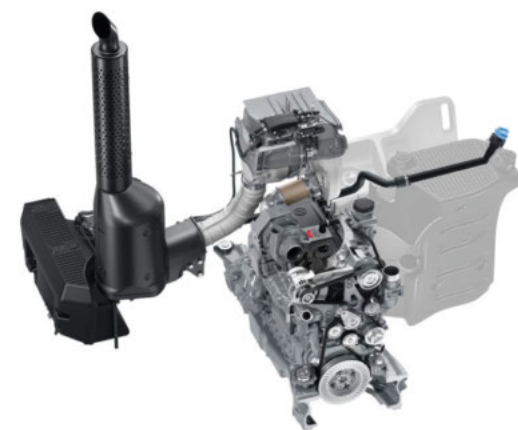
Impressive in terms of Performance and Efficiency



60 km/h
at 1,450 rpm

Added performance concept: Fendt DynamicPerformance

The increase in performance whenever it's needed – and that for all models: With the Fendt DynamicPerformance (DP) added performance concept, the Fendt 800 Vario has up to 23 hp added performance for increased productivity and efficiency while at the same time reducing fuel consumption. The top model Fendt 832 Vario delivers a maximum engine power of 343 hp. Unlike classic boost concepts, Fendt DP provides power automatically and without limitation when secondary consumers such as fans, compressed air supply, air conditioning or the hydraulic pump need additional power. Fendt DP delivers these in a targeted and situational manner, thus ensuring consistent work performance and productivity. Even at low speeds in soil cultivation, in transport or for PTO work when stationary with a slurry mixer, feed mixer or wood chipper. This enables efficient use of more performance – in a targeted and reliable manner.



Engine: AGCO Power CORE80

The fifth generation of the Fendt 800 Vario is the first tractor to be equipped with the new AGCO Power CORE80 engine. This new generation of diesel engines sets high standards in terms of performance, efficiency and sustainability and has been developed with the future in mind for the use of alternative fuels. The 6-cylinder engine with a cubic capacity of 8.0 l delivers outstanding power and torque reserves that meet even the most demanding tasks. Thanks to the Fendt iD low-speed concept, the motor also operates in the fuel-saving speed range from 700 to 1,700 rpm. Other key features of the AGCO Power CORE80:

- Meets the strict exhaust gas regulations of Stage V
- VTG turbocharger with engine braking function for additional safety and control
- Maintenance-free valve drive: reduces maintenance costs and ensures optimum engine operation over the entire service life



Concentric Air System (CAS) with forced-air fan

The proven Concentric Air System is now making its way into the Fendt 800 Vario series. The concentric, forced-air fan has an independent, hydrostatic drive and is designed for outdoor temperatures of up to 45 °C. Thanks to its extremely narrow and compact design, it allows a high steering angle and is therefore a decisive factor for its extraordinary manoeuvrability. Each component of the cooler package can control the cooling system individually as required, thus gaining additional efficiency. Compared to other cooling systems, the CAS requires up to 40% less drive power – which makes it particularly efficient and noticeably reduces fuel consumption. The optional reversible fan allows the radiator grille to be cleaned independently and can be controlled manually or automatically via the terminal.

Self-cleaning engine and cab air filter

The automatic self-cleaning of the engine and cab air filter is done permanently and passively by the negative pressure of the engine fan. This is complemented by short, situational blasts of air that actively blow out the engine air filter. This keeps maintenance effort low, operational safety high and at the same time the driver and engine always have a clean and good air supply. The reversible fan also ensures a constant supply of fresh air to the engine. By changing the direction of rotation, the current direction of the air can change and thus free the bonnet of particles, such as dust or straw. Intensive actions no longer stand in the way.



VarioDrive – intelligence and performance combined

VarioDrive is already known from both the large-scale series and the medium performance segment of Fendt. The drivetrain stands for stepless, dynamic driving at any speed from 0.02 to 60 km/h, an independent, variable four-wheel drive up to 25 km/h and a smallest possible turning circle thanks to the pull-in turn effect. The result: maximum soil protection, higher efficiency and less wear on the machine.

The pull-in turn effect reduces the turning circle by up to 10% compared to the conventional four-wheel drive without a pull-in turn effect. This allows for easier and more precise manoeuvring. In addition, with VarioDrive, power transmission remains tension-free even when cornering, which ensures maximum protection of the soil and of the tractor. Fendt Torque Distribution provides permanent tractive power by intelligently distributing the torque to the axle with the best grip. This minimises slippage, the tractor has maximum traction and optimum power transmission.

Optimised power control

The automatic limiting load 2.0 regulates how far the engine speed may drop under load before the transmission shifts. It adjusts the limit load value and thus the engine throttle fully automatically. This control is dependent on the target speed (when the tractor management system (TMS) or cruise control is activated) or the engine load (without TMS or cruise control). Manual adjustment is still an option. With TMS, the tractor is operated at the lowest possible engine speed and an economical driving style is automatically achieved!

Benefits

- Tractor is permanently friction-locked - e.g., when changing speed while working or reversing on hilly terrain
- No manual four-wheel drive, driver is relieved of workload
- Easy turning on narrow headlands
- Maximum soil protection: on the headland due to small turning circle, maximum protection of the sward in grassland, in the field by minimising slippage
- Stress-free four-wheel drive protects the machine as much as possible
- Full tractive power on the front axle at all times, even when avoiding obstacles in the field or in turns
- Maximum tractive power on any surface and in any situation
- No more driving range switching I/II for field and road
- Tyres with longer service life

Benefits

- Tractor always works at its optimum and is therefore operated most economically
- Productivity is increased through lively reaction behaviour
- Optimised fuel consumption with TMS - engine speed is automatically adjusted as required, with maximum work results



Maintenance of the transmission

The Fendt 800 Vario has separate transmission and hydraulic oil supplies. The hydraulic oil change is pending every 2,000 operating hours, while the gear oil change is only required after 4,000 operating hours or every four years. The remote measuring points on the transmission accelerate troubleshooting without having to remove the wheel.

Benefits

- No dirt ingress into the transmission due to contaminated hydraulic oil
- Short maintenance and repair times, less downtimes and costs due to remote measuring points
- Reduction in overall oil consumption thanks to longer intervals between transmission oil changes and therefore lower maintenance costs



See the benefits of VarioDrive at a glance.

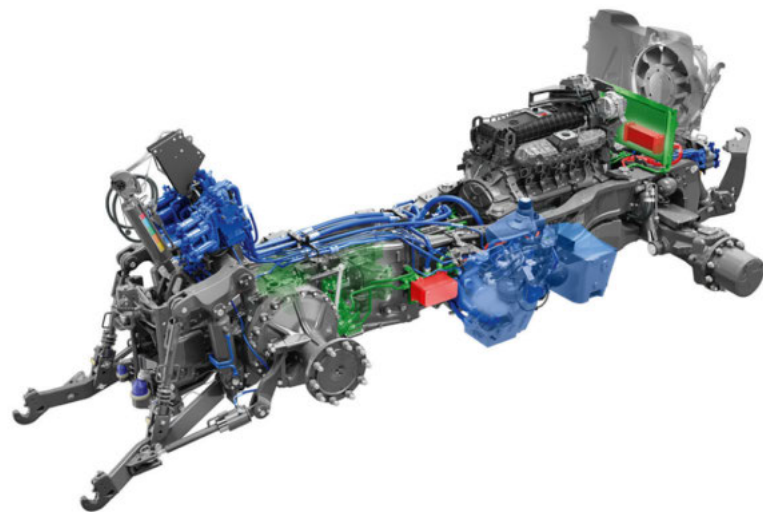


Reliable, powerful hydraulics

With its impressive hydraulic performance, the Fendt 800 Vario is powerful, flexible and reliable even for intensive applications. The options include two hydraulic oil pumps with a flow rate of 165 l/min or 220 l/min. The two hydraulic oil pumps can also be chosen to equip the tractor individually as required. Together, they provide a volume flow rate of up to 385 l/min – ideal for demanding implements. The demand-oriented conveying capacity (pressure and volume) ensures maximum efficiency, even when several consumers are used in parallel.

Additional hydraulic oil cooler

The additional hydraulic oil cooler ensures maximum performance even at high ambient temperatures with implements with the greatest requirements for the hydraulic system. The option consists of a cooler for the hydraulic oil integrated into the cooler package in the front and a 1.5 times plate heat exchanger, which is placed in the regular cooling circuit of the hydraulic oil.



Advantages of hydraulic system

- High pump output of up to 385 l/min for maximum efficiency, even when using multiple consumers in parallel
- Low maintenance costs due to long oil change intervals (up to 2,000 h, not applicable with bio-oil)
- Very good steering response, even with parallel consumption
- High removable oil quantity ensures ample supply for large consumers
- Use of bio-hydraulic oils supported due to separate oil reservoir
- No oil mixing/dirt ingress
- Outstanding ease of use thanks to FendtONE
- Faster functionality, even in cold weather thanks to preheating package



Working hydraulics

The rear is equipped with at least three valves, with the Fendt 800 Vario available for up to eight double-acting valves – two in the front, six in the rear. There are three versions to choose from: UDK, DCUP or FFC. UDK valves are seat-sealed on one side, without emergency manual override and offer 140 l/min flow rate in the rear and 120 l/min in the front. DCUP and FFC valves are seat-tight on both sides, with emergency treatment and offer 120 l/min in the front as well as 140 and 170 l/min in the rear. The maximum flow rate of up to 170 l/min is available for a maximum of two valves in the rear. Electronic load sensing serves as the basis for future features. DCUP couplings have relief levers. Operation is via the linear module, the crossgate lever or multifunction joystick.

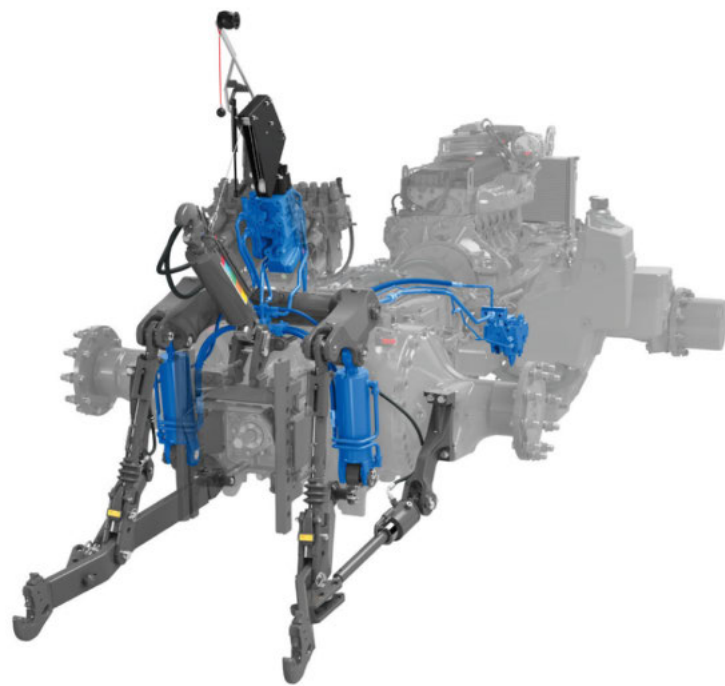
Power-Beyond and FFC

In order to relieve the hydraulics and further increase efficiency, the system can be extended with Power-Beyond, for a direct, intelligent and demand-oriented oil supply for the implement. With the easy-to-clean Power-Beyond variant with flat-face couplings (FFC), the hydraulic system is additionally protected against dirt ingress and you benefit from even lower power loss.

Lifting power and comfort combined

Rear power lift

The rear power lift offers an impressive maximum lifting force of 10,500 kg at the coupling point and electronic hoist regulator (EHR), which enable comfortable raising and lowering over the rocker pairs in the FendtONE armrest. The tractive power is measured via a force gauge, while the load-compensated lowering ensures a constant lowering speed. The active vibration sensing, controlled by pressure sensors on the lifting cylinders, ensures noticeably more driving comfort with implements when driving on the road.



Lower link in parking position

The tool-free height adjustment of the lower link is carried out by pushing up the lower link until it engages. This shortens the lifting struts and brings the lower link into the parking position. This creates 15 cm more clearance between the lower link and the PTO shaft. This ensures maximum manoeuvrability with maximum safety in the team. This well thought-out solution makes adjustment much easier, faster, and especially with critical implements, the lower link does not need to be removed with tools.

The system is also impressive in terms of operating comfort: The external operation on the rear fenders on both sides enables quick attachment and detachment and the lifting struts with integrated scale facilitate precise adjustment. Optionally, the external control can also be selected, which means that the rear power lift is automatically controlled by the implement – for even greater efficiency.

Hydraulic top link lift assist

The optional hydraulic top link lift assist makes it easier to raise and lower the top link in the rear. A portion of the weight is absorbed via a gas pressure damper and cable-actuated mechanism – for noticeably more comfort. This protects the back, saves strength and enables faster, more efficient work.

Position control and relief control – rear.

The relieving control system ensures that heavy, ground-guided implements are constantly guided at the desired working height, even in the event of unevenness and on soft surfaces. The rear implement actively follows the ground contour with the steplessly adjustable support pressure precisely, whereby optimum work results are achieved. Higher traction is achieved by transferring the device weight to the rear axle of the tractor. The driver therefore does not have to manually correct and can control other processes

Advantages of the double-acting function

- By pressing the rear hydraulics, the tractor can better pull soil tillage implements into hard soil – the work of the implements from the desired point, headland retains intended size.
- Quick tyre change by jacking up the tractor using the pressure function of the rear hydraulics

Front power lift

The front power lift (FKH) is available in two variants and offers a maximum lifting capacity of 5,300 kg at the coupling point. The electronic hoist regulator with position sensors ensures precise control, while the dedicated hydraulic supply in the front and integrated rockers in the armrest allow easy operation. An integrated vibration damping with nitrogen dampers increases driving comfort. Sophisticated details such as the external operation, a leakage oil container in the lower link frame and a 7-pin implement power socket in the front facilitate use. Optionally, up to two hydraulic valves, a depressurised return and an ISOBUS socket are available. Protective covers for hydraulic lines, cylinders with bellows guard and folding lower link close to the vehicle round off the overall concept.

Front power lift with position and load relief control

The front power lift with position and load relief control ensures the best work results. The contact or relief pressure can be actively and dynamically controlled directly via the terminal. The relief effect is easy to adjust thanks to the pressure relief valve. A position sensor detects ground unevenness, the control starts at 0.6 km/h – without any additional relief suspension.

Benefits

- Implements precisely follow the ground contour in consistent processing depth for implement-friendly and fuel-saving working
- No need to install or adjust relief springs
- Optimum operating comfort via adjustment in the FendtONE terminal
- Best traction, manoeuvrability and directional stability the weight transferred from the implement to the front axle increases traction
- Protect the sward, less contamination and thus optimised feed quality
- Constant contact pressure for uniform clearing performance with a snow plough
- Reduced implement wear and increased soil protection



Strong, flexible and secure

Superior manoeuvrability

The pull-in turn effect, which is activated through the VarioDrive, reduces the turning circle by up to 10% compared to the conventional four-wheel drive without a pull-in turn effect. The Fendt 800 Vario achieves a track circle of 11.35 m (with VF600/70R30 with 2,030 mm track at the front axle). This allows for easier and more precise manoeuvring, which is useful, among other things, on narrow headlands.



Dual-circuit brake system

The two-circuit brake system consists of a fully pneumatic system with a tri-stop cylinder on the rear axle (first circuit) and a directly pneumatically controlled cardan brake (second circuit). An electronically monitored air dryer ensures reliable function. If one brake circuit fails, the other can continue to brake the vehicle safely. In addition, a steering brake is available.



Hydraulic Auxiliary Brake

The hydraulic auxiliary brake is always installed in combination with the exhaust brake. The hydraulic circuits of the engine fan, the hydraulic pump and the hydraulic heating valve are used to generate a power loss, which develops into the braking effect. This enables wear-free braking when driving downhill or slowing from high driving speeds, for example with heavy skips or other multi-axle implements. This allows the tractor to fall back on an overall higher braking performance, improves control over the team and protects the service brake.

Safety assistance systems

Smart assistance systems such as Fendt Stability Control (FSC) and the trailer brake assistant (TBA) increase comfort and safety is guaranteed. FSC automatically reduces the lateral inclination at driving speeds above 20 km/h and actively suppresses oscillation when cornering.

The TBA stabilises the team with a pneumatically braked trailer in critical situations. The system continuously monitors the degree to which the trailer is pushed onto the tractor and automatically adjusts the brake pressure in critical situations without having to press the brake pedal.



More tractive power and soil protection thanks to VarioGrip

The fully integrated tyre pressure regulation system VarioGrip is available for flange and stub axles and allows convenient tyre pressure adjustment via the terminal, even for dual tyres. At 800 l/min at 12.5 bar, the water-cooled two-piston air compressor provides the necessary power for fast pressure changes – without any external equipment or operation. For the front and rear axles, two pressure values can be stored and called up while driving. An optimally adjusted tyre pressure reduces slippage and ground pressure, thus maintaining soil fertility and increasing the towing power by up to 10%*. The system also reduces fuel consumption by up to 8%*.

*South Westphalia University of Applied Sciences; Agricultural Economics Soest

Flexible tyres and ballasting

In order for the Fendt 800 Vario to be optimally prepared for any work situation, the appropriate tyres are required. In addition to the tyre dimensions, with a diameter of up to 2.175 m on the rear tyres and 1.67 m on the front tyres, hybrid tyres are also available for the Fendt 800 Vario. This is designed for mixed agricultural use on fields and roads through combined use of lug and block treads. With the right tyres, you can benefit depending on the use of severe wear and fuel consumption or increased traction with simultaneous soil protection. In addition, there are flexible ballast options with front and rear wheel weights, which allows the lightweight base vehicle to be ballasted specifically for optimum tractive power transmission according to your own needs. The 2.2 t load weight for the linkage is new

Rear stub axle and dual wheel hub

- Maximum traction - more productivity with increased soil protection at the same time
- Simple adjustment of different track widths using spacers and moving the wheel hubs
- Simple use of the VarioGrip tyre pressure regulation system for even more soil protection
- Different track widths with the same rim
- Both variants can be driven with conventional rims
- More machine utilisation with the dual wheel hub, thanks to flexible use and higher work output, e.g., due to greater area coverage
- With the dual wheel hub, power is transferred to the dual wheels via the stub axle – the power is therefore introduced there, as it is intended for a rim (on the rim and not on the rim edge)

Triple and quadruple rear PTO

With the quadruple PTO at the rear (540/540E, 1000/1000E), the Fendt 800 Vario always operates at the optimum operating point and can deliver more power or fuel-savings when working as required. The connection between the crankshaft and the PTO stub is made via only one gear stage, which achieves a high efficiency. The flange pin used is automatically recognised by the tractor via the PTO stub detection.

The main application areas of the three-speed PTO (540/900/1000) are implements that are operated with a slightly reduced maximum PTO speed of 900 rpm and have very high, continuous torque requirements, such as wood chippers. A special transmission ratio ensures that the engine runs as close as possible to the rated engine speed of 1,700 rpm - for maximum power and torque values



**Automatic and stationary mode
Rear PTO**

The automatic mode of the rear PTO enables simplified operation. Switching the rear PTO on and off can be assigned to a button on the control lever and occurs automatically at predefined positions of the power lift. The switch-off point of the PTO is controlled via the position of the rear power lift. In normal operation, the PTO is automatically switched off after 7 seconds for safety reasons, or as soon as the driver leaves the seat. In stationary mode, on the other hand, the rear PTO remains active, even if the driver is not on the seat.

Fully integrated front PTO

The fully integrated front PTO offers a PTO speed of 1,000 rpm at 1,647 rpm engine speed. This makes the Fendt 800 Vario flexible and allows various front implements to be used, such as mowers, mulchers or snow blower. The optional cooling ensures optimum oil operating temperature for continuous applications.

New cab concept with an absolute highlight

First-class comfort – that's what Fendt stands for and where the Fendt 800 Vario shines. Farmers and contractors spend a lot of working time in the machines. This makes a comfortable workstation all the more important. Generous interior design, 12 l cooling box, heated front window, made of laminated safety glass, the FendtONE operating concept, premium massage seat and 360 degree lighting around the tractor – the new cab design of the Fendt 800 Vario leaves virtually nothing to be desired and creates a pleasant working environment that is particularly a treat on long working days.

Comfort features

- Large cooling box with 12 litre capacity
- Three ergonomically mounted foot pedals for comfortable footrest
- 3-pin device socket in the rear for connecting work spotlights or cameras of implements for easy operation via the FendtONE terminal
- Tech Rails (integrated fastening rails) in the C-pillar for attaching additional spotlights, brackets for pipes for transporting seeds or fertilisers, sensors and much more
- Cab is designed for long periods of use
- Powerful air conditioning with automatic function for excellent cooling – designed for very hot regions
- Fendt Infotainment with Apple CarPlay from June 2026 – can be retrofitted for all machines produced from November 2025



Bonnet and rear camera

The digital bonnet and rear cameras provide a perfect view of the front implement area and the entire rear area of the Fendt 800 Vario with high-resolution image quality. The camera is stylishly integrated into the Dieselross emblem, while the rear camera is discreetly placed next to the tractor's vehicle number plate. More overview of all relevant areas facilitates the attachment and detachment of implements and ensures greater safety.

Premium driver's seat

The premium driver's seat – a seat from which you don't want to get up again, because comfort does not end with the upholstery, it starts with well thought-out technology. The air-sprung comfort seat with genuine leather cover and multi-stage seat heating and seat ventilation is impressive with comprehensive adjustment options: electrical adjustment of the backrest, side panels and lumbar support, massage and memory function, as well as automatic weight detection and stepless height adjustment.

In addition to the premium driver's seat, there are three other comfort seats to choose from.



Mirrors for the best overview

The rear-view mirrors are available in three variants. The simple rear-view mirror has mechanically adjustable mirror holders, an electrically adjustable and heated main mirror as well as a mechanically adjustable and heated wide-angle mirror – each without a outline lamp. The comfort mirror also offers an outline lamp as well as electrical adjustment and heating of all mirrors, while the electrically telescopic comfort mirror also makes the mirror holder electrically adjustable. All variants are integrated into the vehicle electronics and can be operated via the terminal.



Benefits

- No blind spots and the best overview even with large implements in tight spaces
- Maximum safety and comfort, as the driver can adjust the mirrors comfortably and easily in the cab
- Position lights so other road users can easily see the vehicle dimensions

Reverse drive control

Thanks to the optional reverse drive control of the Fendt 800 Vario, the entire driver's cab can be rotated by 180 degrees, supported pneumatically. Best of all, the operating logic adapts automatically – so the driver doesn't have to rethink; the system thinks for him. The pivoted driver's cab on the tractor is particularly useful for special tasks such as forestry operations or municipal work. Nevertheless, there is no need to avoid comfort in the cab: both available cooling boxes and the comfort passenger seat are also possible with the reverse drive control.

Pioneering 360° lighting

The new lighting concept clearly exceeds previous standards: Choose between 8 or 12 work lights in the cab roof in two LED variants – Vision and UltraVision. The UltraVision version with an impressive 4,400 lumens per spotlight and individual 5-step dimming sets new standards.

The targeted arrangement ensures even illumination of the front, rear and sides – seamlessly across close, middle and long-distance fields. The crossing alignment of the front headlights ensures optimum visibility directly in front of the tractor. Particularly effective: four headlight settings can be stored in four profiles, so that the lighting can be adjusted with just one click, depending on the situation or even mirrored.

Overview of central components:

- Two LED work lights up in the bonnet with integrated daytime running lights
- Maximum twelve work lights in the roof for optimum all-round vision, dimmable with UltraVision
- Up to six powerful work lights on the A-pillar and fenders, dimmable with UltraVision
- Tech Rail integrates in the C-pillar of the cab: two spotlights each with adjustable beam angle, dimmable in five steps
- GroundVision: Targeted illumination in the rear implement area
- Integrated all-round lighting: fully integrated in roof design, no need for folding in and out



360°

All-round visibility at night

Benefits

- Maximise working time and machine utilisation thanks to optimum illumination even in the dark - less dependent on the time of day
- Work quality is not affected even in the dark
- High luminosity with LED spotlights with highest energy efficiency
- Adjust the lighting with one click, depending on the situation (without interrupting work) thanks to memorisable settings in four profiles
- Safe and glare-free entry and exit thanks to automatic switching on and off of the light on the entry



One thing is simple: FendtONE

■ **Consistent operating philosophy**

FendtONE's first holistic operating approach on the market enables seamless use without having to switch between different media.

■ **Freely programmable control panel**

The buttons can be freely assigned and customised via the Individual Operation Manager (IOM).

■ **Terminal network**

The first operating concept on the market with a terminal network and central computing unit ex works enables real-time synchronisation of content on the dashboard and terminal.

■ **Unique colour concept**

The logical and dynamic colour concept with different function groups and functions provides an optimum overview.



onboard

offboard

FendtONE onboard – the driver's workplace in the cab

With FendtONE onboard, operating the machines is easier than ever before. Various technical functions combined with the high level of comfort of the cab make your day-to-day work in the field easier – for example with different guidance types or the machine control options. Get an overview of the FendtONE driver's workplace spotlights now.

Machine control

The FendtONE machine control system optimally integrates the tractor and implement, which facilitates precise control of part-width sections and pinpoint cultivation of partial areas. This maximises operator comfort, saves operating inputs and reduces the driver's workload thanks to an intuitive operating system.



Guidance system

Track guidance with FendtONE ensures precise machine operation and sustainable soil protection by automatically keeping the machine on the desired track. This reduces the driver's workload, lowers operating costs and saves time, especially on long working days.



When technology and comfort become one.

FendtONE offboard – digital recording, analysis and management of data

Your business generates valuable data for the documentation and optimisation of machines, personnel and operating resources. The seamless recording and visualisation of data is essential for this. FendtONE offboard* simplifies planning and documentation by wirelessly transferring standardised data to the portal. A simple and intuitive introduction to digital documentation and machine operation.

*Please note that FendtONE offboard is not currently available in all countries.

Agronomy

FendtONE enables seamless agronomy through the automatic documentation of field data collected during field work. This data is transferred to a farm management system, which ensures complete documentation and future-proofing while saving time in the office.



Telemetry

Telemetry with FendtONE enables real-time monitoring and analysis of machine data, ensuring optimal fleet management and breakdown prevention. This data not only helps you, but also your service partner with diagnostics and maintenance, allowing better logistics and service decisions to be made.



When farm planning and management become one.



So that your farm keeps running!

You must be able to rely on your agricultural machinery. However, something unforeseen can always happen. To keep your farm running, your Fendt Service Partner is available for you, especially during the harvesting season. This means you don't lose any valuable time in the field or during transport.

+44 330 123 9909



Fendt Care service packages – The best for your agricultural machinery

Benefit from the optimum operational readiness of your Fendt agricultural machine with full cost control even beyond the statutory warranty period. Fendt Care membership offers you customised contracts for maintenance and repair cover. You choose exactly the service package and term that suits you. If you wish, you can secure all repair risks and shorten repair times by allowing your dealer remote access to the machine data via Fendt Connect. Fendt offers you the longest coverage in the tractor market and the most comprehensive agricultural machinery insurance in the industry. The advantages of Fendt Care are obvious: your risk is minimised, the costs are calculable and you have full planning security.



Find your perfect Fendt Care tariff!

Spare parts – Genuine original parts, without compromise

To ensure that your Fendt remains 100% a Fendt, your Fendt Sales partner only installs genuine parts. These have a proven standard of quality and are safety-tested.

This pays off in many ways:

- 12-month warranty on Fendt original parts and their installation
- Operational reliability at the highest level – Top value retention
- Quickly on the spot in an emergency.

During the harvesting season, your Fendt Sales partner is available seven days a week and around the clock. In the event of a machine breakdown, the technician will be at your site within a short time and will repair your machine as quickly as possible.

Please note that the availability of Fendt Service Packages varies from country to country.

AGCO Finance – Your partner for the growth of your business

When deciding whether to rent, finance or lease, we provide you with complete support based on decades of experience. And Fendt Service is also there for you in your day-to-day work: to keep costs calculable, we offer you customised maintenance and service offers that go far beyond the statutory warranty.



Demonstration service – Test it yourself

Would you like to see for yourself how our agricultural machinery performs in the field? This is possible with the Demo service. After a short briefing from your dealer, you can test how the new tractor or harvester performs in everyday use on your own farm. After all, you know best what the new machine needs to be able to do.



Arrange a demonstration immediately!

Technical specifications

		826 Vario	829 Vario	832 Vario
Engine				
Rated power	kW/hp	191/260	213/290	235/320
Rated power with DP ECE R 120	kW/hp	208/283	230/313	252/343
Maximum power	kW/hp	191/260	213/290	235/320
Maximum power with DP ECE R 120	kW/hp	208/283	230/313	252/343
Cubic capacity	cm³	8000	8000	8000
Rated speed	rpm	1700	1700	1700
Max. torque	Nm	1450	1550	1680
Torque rise	%	24.0	20.0	18.5
Fuel level	litres	540.0	540.0	540.0
AdBlue tank	litres	65.0	65.0	65.0
Transmission and PTO				
Transmission type		TA250	TA250	TA250
Speed range forward	km/h	0,02 - 60 km/h	0,02 - 60 km/h	0,02 - 60 km/h
Speed range reverse	km/h	0,02 - 33 km/h	0,02 - 33 km/h	0,02 - 33 km/h
Top speed	km/h	60	60	60
Rear PTO		540/540E/ 1000/1000E	540/540E/ 1000/1000E	540/540E/ 1000/1000E
Rear PTO option		540/900/1000	540/900/1000	540/900/1000
Front PTO option		1000	1000	1000
Engine speed at: 40 km/h / 50 km/h / 60 km/h	rpm	950/1200/1450	950/1200/1450	950/1200/1450
Power lift and hydraulics				
Variable flow pump	l/min	165	165	165
Variable flow pump option 1	l/min	220	220	220
Variable flow pump option 2	l/min	165+220	165+220	165+220
Max. valves (front/centre/rear) Power+	number	1/0/5	1/0/5	1/0/5
Max. valves (front/centre/rear) Profi / Profi+	number	2/0/6	2/0/6	2/0/6
Max. available hydraulic oil volume	litres	85,5	85,5	85,5
Delivery volume control valves (1st front)	l/min	120	120	120
Delivery volume control valves (2st front)	l/min	120	120	120
Max. Rear power lift lifting capacity (at the coupling point)	kg	10500	10500	10500
Continuous rear power lift capacity according to OECD (610 mm behind the coupling point)	kg	8807	8807	8807
Max. Lifting capacity front power lift (at the coupling point)	kg	5300	5300	5300

		826 Vario	829 Vario	832 Vario
Electrical features				
Battery power	Ah/V	180/12	180/12	180/12
Alternator	V/A	14/250	14/250	14/250
Tyres				
Front tyres (standard)		600/70R30	600/70R30	600/65R34
Standard tyres rear		710/70R42	710/70R42	710/75R42
Dimensions				
Maximum diameter front tyre	mm	1670	1670	1670
Overall length	mm	5650	5650	5650
Max. ground clearance	mm	650	650	650
Wheelbase	mm	3020	3020	3020
Small track circle diameter (with specified tyres and track width at the front)	m	11,35 (VF600/70R30, 2030 mm)	11,35 (VF600/70R30, 2030 mm)	11,35 (VF600/70R30, 2030 mm)
Weights				
Max. permissible overall weight up to 40km/h (2-circuit brake)	kg	17500.0	17500.0	17500.0
Max. permissible overall weight up to 50km/h (2-circuit brake)	kg	17500.0	17500.0	17500.0
Max. permissible overall weight up to 60km/h	kg	16000.0	16000.0	16000.0
Max. Drawbar load ball head coupling (in slide rail)	kg	3000	3000	3000
Max. Drawbar load ball head coupling (in the lowest two positions in the sliding rail)	kg	3000	3000	3000



As of 14.07.2025, the current technical specifications can be found here: fendt.com/800-vario-data

The Fendt 800 Vario is available in the Power+, Profi and Profi+ equipment lines.

FENDT



Leaders drive Fendt.



 **AGCO**
Your Agriculture Company

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