

FENDT



Fendt

e100 V Vario

Leaders drive Fendt.

Contents

06	Spotlights
10	Charging management
12	Drive
16	Hydraulics
18	Additional equipment
22	Cab
26	FendtONE
28	Service
30	Technical Specifications



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.

Think Possible

55 kW
Continuous power

347 Nm
Torque

~5 h
Operating time

100 kWh
Battery capacity



Work efficiently and enjoy your breaks



A day with the Fendt e100 V Vario

7:30 a.m.: Unplug from the AC socket

Morning: Perform agricultural or municipal activities

12:00 p.m. - 1:00 p.m. **Lunch break:** Connect to the DC socket (fast charging) - from 20% to 80% in 45 minutes

Afternoon: Return to performing agricultural or communal activities

4:00 p.m. **Coffee break:** Short break with the family, connect Fendt e100 V Vario to DC socket or

Until 5 p.m.: Perform municipal work, then drive to the AC socket for longer, gentle charging

Areas of application



Local



Enclosed buildings



Special crops



Viticulture



Airports



Special features of the e-tractors

1

The first tractor to run on vitamin D.

Invest once into the Fendt e100 V Vario and reap the benefits – low energy costs, low maintenance costs, cheaper vehicle tax are just a few of the long-term advantages. Discover the numerous features that make the Fendt e100 V Vario a pioneer.

2

Electric motor Power

The drive system of the Fendt e100 V Vario is based on a powerful electric motor. In Dynamic+ mode, this delivers up to 90 hp and is powered by a 100 kWh battery. Thanks to the high efficiency of the electric motor, you can utilise the full potential of the battery.

3

High-performance hydraulics

The powerful hydraulic concept with regulating pump utilises the power perfectly. Reactive power is avoided thanks to two hydraulic circuits, LS variable displacement pump and Power Beyond. In addition to perfect efficiency, it is also possible to use bio-hydraulic oil and the oil has long service life increasing oil change intervals.

4

Save more time and resources.

FendtONE takes a lot of the work off your hands so that you can concentrate on the essentials. Whether guidance, telemetry, machine control or agronomy - Fendt's digital products take the strain off you and make your work even more efficient. The Fendt e100 V Vario makes optimum use of the battery capacity and you benefit from even more comfort.

5

Efficiency even when at a stand still

When the tractor comes to a standstill, the start-stop mode switches off the motor to save energy and reduce the noise level. In contrast to a combustion engine, however, the air conditioning or heating can continue to run even though the motor is switched off.

6

Perfect tyres for maximum efficiency

The Trelleborg TM1 Eco Power standard tyres, specially developed for the Fendt e100 V Vario, have an extremely low rolling resistance. This way, the energy used is transferred to the ground in the most efficient way. Due to the recycled content, the tyre is also sustainable in production.



In tune with the future

For our sustainable future

The new Fendt E-tractors stand for sustainability and environmental protection. With electric drive, these are the first tractors in series production to operate emission-free. This avoids CO₂ emissions and thus contributes to climate protection. If you rely on renewable energies, Fendt E-tractors offer the option of using your self-produced energy for recharging, making them even more sustainable. With the first electric tractors, you are making an important contribution to environmental protection and helping to make the air in the countryside even cleaner.

For maximum performance

Fendt E-tractors are not only environmentally friendly and health-conscious, but also powerful compact tractors. Innovative technology guarantees the highest quality and reliability. Dynamic+ mode enables optimum performance even under difficult conditions. The start-stop function saves energy and avoids unnecessary hours of idling. The powerful hydraulics offer precise control and fast workflows. Fendt E-tractors are therefore the perfect partners for efficient and powerful work.

For long-term savings

With low maintenance costs and low energy costs, Fendt E-tractors save money in the long term. All implements can still be used. E-tractors are therefore an investment in the future and a guarantee of profitability.

For more occupational safety

New Fendt E-tractors not only take you safely into the future, but also get you safely through the working day. Thanks to the electric drive, there is no risk of burns and thus a higher level of safety. The elimination of the exhaust pipe provides even better all-round visibility, which in turn reduces the risk of accidents. So you can work safely and worry-free.



For a healthier working environment

With low noise levels and no exhaust fumes, Fendt E-tractors are ideal for use in cities and low emission zones with poor air quality. They are also ideal for green space maintenance, winter service or material and machine transport. But that's not all: Fendt E-tractors are also ideal for use in agriculture, viticulture, fruit cultivation and other special crops. If it is important to you to protect your employees from noise and exhaust fumes, then Fendt E-tractors are the perfect choice.

For the highest comfort

In addition to environmental friendliness and performance, comfort is not neglected either. The new heating concept with auxiliary, seat and wind-screen heating ensures pleasant temperatures in winter. The automatic climate control guarantees perfect temperature control in summer. Fendt E-tractors are low-vibration and quiet, which enables comfortable working. With the proven FendtONE operating concept, operation is simple and intuitive. They are therefore the ideal tractors for a pleasant and relaxed working environment.

Rethinking energy

The E-tractor rethinks the concept of energy. The battery charge status can be viewed at any time and the tractor can be charged quickly and efficiently. This advanced load management system ensures that the tractor is always ready for use and at the same time protects the environment. This takes sustainable agriculture to a new level.

22 kW
Charging power

AC charging

Charging via alternating current with up to 22 kW charging power. The type 2 socket complies with the automotive standard so that existing or public charging infrastructure can be used.

80 kW
Charging power

DC fast charging

Quick charging via direct current with up to 80 kW charging power. The Fendt e100 V Vario can be charged from 20% to 80% in 45 minutes. The CCS socket complies with the automotive standard so that existing or public charging infrastructure can be used.



Charging infrastructure

From now on, charging will be done instead of refuelling! Use the cost-effective energy. AGCO Parts offers you a range of options to make loading as easy as possible. You can choose between a mobile 22 kW fast charging cable set with a wall bracket or a wall box. All in the Fendt design, of course. On request and with individual consultation, you also have the option of purchasing a fast-charging station (Hypercharger).

Auxiliary consumers

Various auxiliary consumers of the vehicle are supplied directly from the battery. This energy is supplied by the Power Distribution Unit (PDU), which efficiently transfers the energy to the air conditioning compressor, the DC/DC converter (as a replacement for the alternator) and the water heater. This solution offers a high level of efficiency, as no reactive power is generated and only the energy actually required by the auxiliary consumers is used up. Conventional belts for power transmission are no longer required.

Benefits

- High efficiency, because of no reactive power

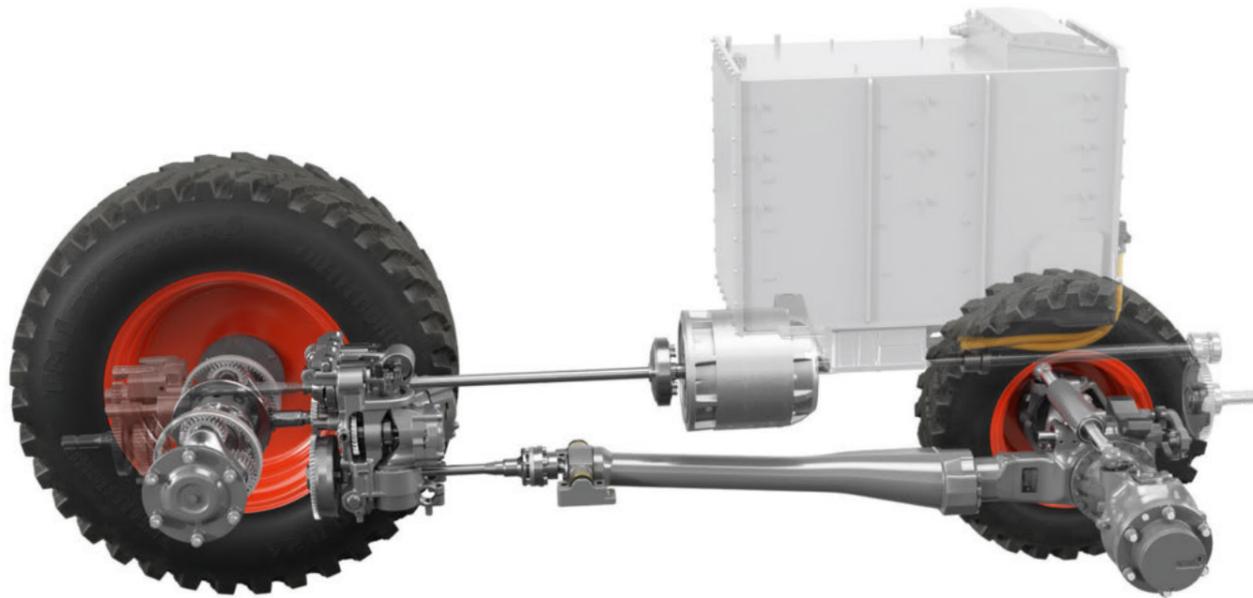
Only the actual energy from the auxiliary consumers is required.



Efficient and powerful: The electric motor with Vario gearbox

Electric motor

Thanks to its high efficiency, the electric motor drives the Fendt Vario transmission extremely efficiently. The electric motor and Vario gearbox are perfectly synchronised via the familiar Tractor Management System (TMS). The PTO shafts are also driven directly by the electric motor, so no energy is lost.



Cooling concept

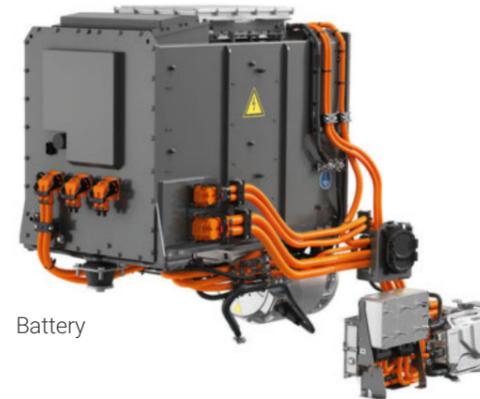
The Fendt e100 Vario has an efficient cooling system consisting of a transmission oil and water cooler. The air is drawn through the condenser to maximise cooling. Particularly noteworthy are the reversible fans, which significantly reduce maintenance costs. The efficient fan control, which allows each cooling circuit to regulate the fan speed individually, should also be highlighted. This saves energy.

Transmission

The proven Fendt Vario transmission stands for high efficiency and performance. It enables high tractive forces from 0.02 km/h to 40 km/h, a PTO speed independent of the travelling speed and constant traction.

Battery

The battery capacity of 100 kWh corresponds to a working time of about 4 to 7 hours for applications in the partial load range such as defoliating, deleafing or sweeping. Thanks to intelligent thermal management, the battery is operated at an optimum temperature all year round.



Battery

Regeneration

Recover energy during work. The Fendt e100 Vario's battery charges while driving thanks to energy recovery when decelerating or travelling downhill. If you press the recovery switch, the tractor can be decelerated more and recuperation is increased. This allows you to get even more out of the electric tractor and extends the operating time by utilising energy that would otherwise be lost.





ECO

up to 50 kW/68 hp >>
For maximum range when working
in the partial load range

Dynamic

up to 55 kW/75 hp >>
For maximum performance

Dynamic+

up to 66 kW/90 hp >>
for additional performance over a
limited period of time
(Peak power for peak performance)

Energy management, as you need it

A total of three operating modes ensure that you get the most out of your energy. Select between ECO, Dynamic and Dynamic+ via the terminal. This allows you to decide whether your focus is on maximum range, performance or additional power over a limited period of time.

Charging timers can be set in the charging management section of the terminal. This means that the Fendt e100 V Vario is ready for use at the desired time and the battery is brought up to operating temperature. Charging limits can also be set. This protects the battery.*

*Function will be retrofitted via software update. Not available at the start of production.

High efficiency and low energy losses

Thanks to its high efficiency, the electric motor drives the Fendt Vario transmission extremely efficiently. The electric motor can even recover energy through energy recovery. The electric motor and transmission are perfectly harmonised via the familiar TMS. The front PTO is also driven directly by the electric motor so that no energy is lost.

Perfect combination: TMS and load limit control 2.0

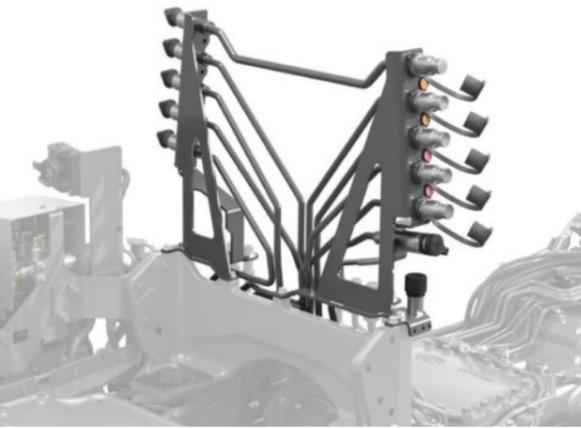
TMS automatically regulates the motor and transmission in the most economical way. It offers two driving modes that can be controlled via the multifunction joystick or the accelerator pedal. The driver simply sets the target speed, while TMS regulates the transmission setting and motor speed so that the tractor operates with optimised energy consumption. When the motor comes under load, the load limit control takes over control of the motor speed and transmission setting. The motor speed is automatically increased when the corresponding power is required during operation. As soon as the operating conditions allow, the tractor runs at reduced motor speed.

Benefits

- Relaxed way of driving
- Faster achievement of the set speed
- Better maintenance of the set speed
- More dynamic driving under load
- Higher average speed with optimum consumption



Powerful High-performance hydraulics



The hydraulic concept of the Fendt e100 V Vario offers a powerful control pump and a 2-circuit hydraulic system with up to six additional control valves. It has high lifting forces, a unique pendulum power lift and a large removable oil capacity of 25 litres. The system is efficient, avoids reactive power and enables long oil change intervals as well as the use of bio-hydraulic oil. It is operated using a multifunction joystick and electric valves that can be set via a terminal.

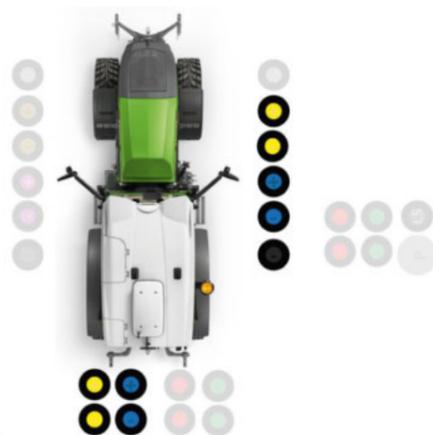
Hydraulic Connections

There are three different options for the type of hydraulic connections. The first option is the **hydraulic connection centre + rear ISO A**. This variant has ISO A plug-in couplings on all hydraulic connections. The connections in the centre are fitted with coupling plugs, while the connections at the rear are fitted with coupling sleeves.

The second option is the **hydraulic connection centre ISO A + rear UDK**. ISO A plug-in couplings are provided on the hydraulic connections in the centre and UDK. The couplings are located at the connections in the rear.

The third option is the **hydraulic connection centre + rear FFC**. This variant uses flat-sealing hydraulic couplings on all connections, which prevents leaks and oil loss.

119 l/min
Flow rate



Attachment points

The attachment points for the hydraulic valves are located at the rear and in the centre of the tractor, both on the left and right. A minimum of two and a maximum of six valves can be fitted and the flow rate can be set individually for all valves. The response sensitivity of the valves can also be adjusted.



Front power lift

The Cat. I front power lift offers a fully integrated solution with a short front end for optimum manoeuvrability. The folded lower links are positioned close to the vehicle and the top link has a solid bracket for easy handling. With a maximum lifting force of 2,380 daN and a continuous lifting force of 1,960 daN at the coupling point, it is very powerful. A separate control valve is available. Switching from working to transport position is done quickly by moving two bolts. The implement can be driven rigidly or with pendulum levelling and the lower links can be removed quickly.

Benefits

- Easy to attach weights and implements
- Robust and very compact design for top manoeuvrability
- Lower links are quick to remove and fold in
- Working hydraulics are not restricted by the front power lift (has its own valve disc!)

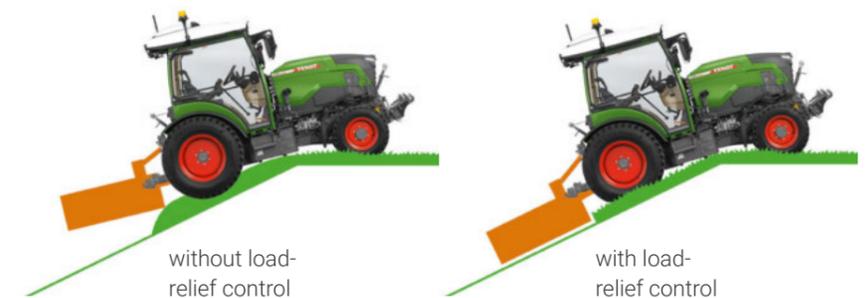
Rear power lift

Without load-relief control, a mower can damage the sward and the ground, resulting in an uneven mowing height and poor finish. This adversely affects the quality of the work and can potentially damage the grass sward.

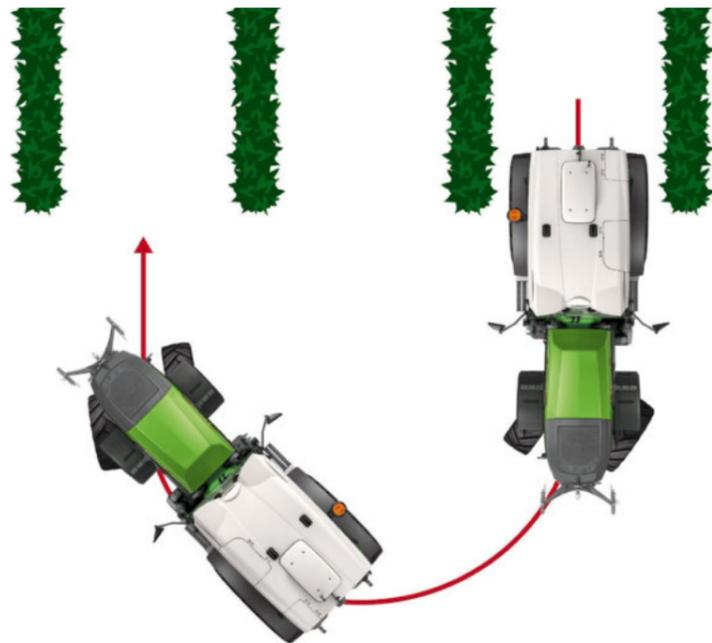
By contrast, with a load-relief control system, a uniform and controlled mowing height is achieved, which significantly improves the quality of work and provides a good finish. The even ground pressure protects the sward, keeping the sward intact. There is also no need for suspension springs, which makes the mower easier to handle and increases efficiency.

Advantages of rear power lift with load-relieving control

- Perfect alignment to slope incline
- Parallel guidance of the implement on the slope
- Precise alignment of the implement
- Improved quality of work
- Lower link variants for all requirements
- Greater traction and climbing ability thanks to
- Weight transfer
- Relief for the driver because readjustment is no longer necessary



Innovative solutions for maximum traction and stability



Incredible manoeuvrability

The block design with integrated wasp waist enables an impressive steering angle of 58° with a caster angle of 3°. This design not only ensures optimum visibility, but also a large steering angle. In combination with the FendtActive steering system, the number of steering wheel turns is halved, enabling fast turning at the headland.

Benefits

- Compact and sturdy design
- Slender design for maximum manoeuvrability
- Greater steering angle

Assist systems

The assistance system on Fendt E-tractors includes a deceleration and brake light assistant, which increases safety and efficiency when driving. The brake light assistant activates the brake light indicator as soon as the vehicle decelerates, even without the brakes being applied. This enables faster early detection for following traffic.



All-wheel drive management

The intelligent all-wheel drive management offers the best traction and soil protection. It enables convenient shifting via push buttons on the control panel, including automatic 4WD and 100% permanent 4WD.

	Function	Benefit
	4WD always engaged	Full powertrain function
4WD	Auto 4WD	- Takes the strain off the driver
	4WD engaged and disengaged	- Protects the soil
	- from 22° steering angle - from 20 km/h	- Full manoeuvrability - Less tyre wear

Differential locks

The intelligent differential lock management offers improved ground protection and optimum traction. It enables convenient operation via push buttons on the control panel, including automatic differential lock and 100% differential locks. The system ensures increased traction and very good tractive force transmission as well as increased safety on steep slopes thanks to the 100% lock.

	Function	Benefit
Differential lock	100 % multi-disc differential lock	Full power transmission, even in extreme situations
	Auto diff lock	- Takes the strain off the driver
	Diff lock engaged and disengaged	- Easier turning manoeuvres without tension
	- From 12° steering angle - For brake actuation - Disengaged over 20 km/h	- Increased traction



7%
more area coverage

Front-axle suspension with anti-roll support

The front axle suspension with roll support on Fendt E-tractors offers up to 7% more area coverage and a high level of comfort. With 80 mm suspension travel and permanent traction, it increases area performance. The anti-roll bar provides stability and reduces rolling movements. Thanks to levelling control, ride comfort remains constant regardless of the load. The front axle suspension cannot be locked.

Benefits

- High stability and work safety: reduced rolling movements and greater steering and braking safety
- Increased area performance: Up to 7% more power thanks to permanent traction and avoidance of 'power hopping'
- Comfort: Unrivalled working and driving comfort, 27% reduction in acceleration forces for quiet working
- Efficient suspension: Level-controlled suspension with roll support for a constant working height and lateral tilt, especially when using a defoliator or deleafer

Rear PTO

An exclusive Fendt advantage is the rear PTO with external actuation and speed increase, which avoids unnecessary visits to the cab. The automatic PTO in conjunction with the rear power lift enables the operation of implements at constant speed and variable travel speed. The start-up control reduces wear and lowers machine costs.

Auto rear PTO

The automatic function of the rear PTO enables automatic switching on and off at definable lift heights of the rear power lift. The switch-on and switch-off position can be set via the dashboard or terminal.

Stall protection

The stall protection prevents the motor from stalling via the PTO shaft by automatically opening the PTO clutch if the speed drops suddenly.

Front axle suspension - practical use

1. Driving comfort in the line

A high level of driving comfort is achieved through the intelligent combination of three systems: level-controlled front axle suspension, silent cab suspension and vibration damping at the rear. These systems ensure a high level of stability by reducing rolling movements by 32%.

2. Suspension for use with a defoliator or deleafer

The level-controlled suspension with roll support reliably and sensitively absorbs bumps in the road. It reduces the swivelling range of a implement by 17%, which leads to a better working result thanks to a constant working height and lateral inclination. It also enables quiet working, as there is no need for constant levelling.



Front power take-off

The front PTO with a speed of 1000 rpm is characterised by a wet clutch, which reduces wear and noise. This means that full power can be called up at the front PTO. In addition, it has a seasonal switch that ensures optimised efficiency.

Benefits

- Direct connection between motor shaft and PTO stub (only one gear stage) for high efficiency
- Electro-hydraulic speed preselection
- External control from mudguard
- Automatic start-up control
- Bevelled PTO profile enables particularly easy attachment to the stub shaft

Spacious comfort cab

The Fendt e100 V Vario offers excellent all-round visibility and is a small space miracle. A compact tractor that perfectly combines comfort and the advantages of a compact design. A wide range of configuration options and the Cat. 4 protection class leave nothing to be desired.

Door and driver's seat

The Fendt e100 V Vario offers a flat cab floor without a transmission tunnel, which allows free entry and access. There are no levers in the leg area and the door has a large opening angle. The comfort driver's seat is air-sprung with a spring travel of 80 mm, height-adjustable by 60 mm and has a backrest extension and mechanical lumbar support. The heated seat has a width of 400 mm and a folding storage compartment at the entrance. These features ensure a high level of suspension comfort and a perfect working position in conjunction with the adjustable steering column.

Cab with Cat. 4 filter protection system

The cab of the Fendt e100 V Vario can be optionally equipped with a Cat. 4 filter protection system. In the basic setting, the cab fulfils all protection category 2 standards. If required, the filter system can be converted to protection category 4 in accordance with EU standard EN15695 to provide protection against dust, liquid pesticides and their vapours. Switching is simply done via a button in the terminal. Once the work has been completed, the filter system can be reset to Cat. 2. This means that the Fendt e100 V Vario fulfils all requirements for crop protection applications ex works and enables simple changeover via the terminal.



Infotainment

Whether it's the radio or your favourite song on a continuous loop - with the infotainment package you can decide what you want to listen to. With a DAB+ radio, Bluetooth, USB and AUX-IN, many options are available here. A total of two loudspeakers ensure perfect sound in the cab.

And if you don't want to listen to music but want to call someone, you can use the hands-free system.



Lighting

The lighting of the Fendt e100 V Vario includes modern LED headlights that ensure optimum visibility. When switching to high beam, the brightness of the low beam area remains unchanged, while high beam illumination extends the light cone. The daytime running lights improve visibility, and up to seven LED work lights at the front and rear ensure excellent illumination in all working conditions.

Benefits

- Best illumination for high safety and optimum working even at night
- Lets you work longer and make better use of the tractor
- Longer service life and energy savings with LED headlights

Windscreen wiper

The Fendt e100 V Vario is equipped with parallel windscreen wipers that have an integrated spray nozzle in the wiper arm. They offer intermittent and continuous operation (levels 1 and 2) and a large wiper field. A rear window wiper with window washer is optionally available. These features ensure high wiping performance and driving safety, even in heavy precipitation.



No one has to freeze here

The Fendt e100 V Vario has a variety of heating elements that make cooler days more pleasant. In addition to the standard seat heating, you can also choose a heated floor mat. Cold feet are now a thing of the past. In addition, the optional heated front window and rear window save your hands from scraping ice.

8

Air vents



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

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.

offboard

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 and equipment bundles

		e107 V Vario
Electric drive		
Rated power in accordance with ECE R85	kW/hp	50/68
Continuous power in accordance with ECE R85	kW/hp	55/75
Peak power in accordance with ECE R85	kW/hp	66/90
Rated speed	rpm	2100
Max. torque at 1400 rpm	Nm	347
Battery capacity	kWh	100
AC charging plug		Typ2
DC charging plug		CCS
Max. AC charging capacity	kW	22
Max. DC charging capacity (fast charging)	kW	80
Transmission and PTO		
Transmission type		ML70
Speed range forward	km/h	0.02-40
Speed range reverse	km/h	0.02-25
Rear PTO		540/540E/1000
Rear PTO option (including ground speed PTO)		540/750/Weg
Front PTO option		1000
Power lift and hydraulics		
Variable flow pump	l/min	48+71
Max. valves (front/centre/rear)	number	0/6/4
Max. available hydraulic oil volume	litres	25
Max. lift capacity of rear power lift	daN	2775
Max. lift capacity of front power lift	daN	2395
Tyres		
Front tyres (standard)		280/70R16
Standard tyres rear		380/70R24
1st option for front tyres		7.5L-15
1st option for rear tyres		280/85R24
2nd option for front tyres		280/70R16
2nd option for rear tyres		360/70R24
3rd option for front tyres		320/65R16
3rd option for rear tyres		440/65R24
Dimensions		
Front track width (standard tyres)	mm	852
Rear track width (standard tyres)	mm	887
Overall width with standard tyres	mm	1278
Overall length	mm	3562
Total height of driver's cab with standard tyres without Fendt Guide	mm	2500
Total height of driver's cab with standard tyres with Fendt Guide	mm	2530
Max. ground clearance	mm	273
Wheelbase	mm	2290
Weights		
Operating weight (incl. common accessories - +/- 5%)	kg	3500
Max. permissible overall weight	kg	4800.0

	Profi	Profi+
Electric drive		
Start/Stop function	■	■
Thermal management	■	■
Reversible fan	■	■
AC charging via Type2 socket	■	■
DC Fast-charging via CCS socket	■	■
Transmission		
Vario TMS - Tractor Management System	■	■
Shuttle function, stop-and-go function	■	■
Cruise control	■	■
Acoustic signal when reversing	□	□
Guidance system		
Guidance system basic package		■
Standard Trimble / NovAtel		□
RTK Trimble / NovAtel		□
TI Headland (TI Auto & TI Turn Assistant)		□
Contour Assistant		□
Implement Slope Compensation		□
Agronomy		
Agronomy basic package		□
Telemetry		
Telemetry basic package	■	■
Smart Connect		□
Machine control		
Machine control basic package	□	□
Section Control		□
Variable Rate Control		□
Fendt Implement Management (TIM)		□
Fendt Implement Management (TIM-Steering)		□
Vario operation		
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	■	■
3L joystick	□	□
Individual Operation Manager – flexible key assignment	■	■
Digital Dashboard	■	■
12" terminal with touchscreen and key control	■	■
Fendt Active steering		■
Electronic immobiliser	■	■
Cab		
Comfort cab	■	■
Category 4 cab air filter system	□	□
Comfort seat, air-suspended incl. heated seat	■	■
Height and tilt-adjustable steering column	■	■
Integrated automatic climate control	■	■
One-piece windscreen and door on right	■	■
Front windscreen laminated safety glass, heated	□	□
Rear window heated	□	□
Rear window wash/wipe	□	□
Telescoping rear view mirror	□	□
Auxiliary device holder	□	□
Terminal bracket	□	□
4 camera connections	□	□
Fendt Reaction steering system	■	■
Self-cancelling indicators	■	■
Brake level device	□	□

	Profi	Profi+
Lighting		
Low beam and high beam LED	■	■
Auxiliary lights front	□	□
A-pillar LED work lights	□	□
Roof rear LED work lights	□	□
Roof rear middle LED work lights	□	□
Roof front LED work lights	□	□
LED rear lights	■	■
A-pillar top LED indicators and position lights	■	■
LED rotating beacons	□	□
Chassis		
Front axle suspension self-levelling, anti-roll control, lockable	■	■
Compressed air system 2-circuit system	□	□
4WD / differential locks		
Automatic all-wheel drive and differential locking with steering angle sensors	■	■
Rear/front differential with 100% disc locking	■	■
Power lift		
Sa front power lift, with external control (separate valve)	□	□
Electrohydraulic power lift sa (EHR), with external controls	■	■
Swinging power lift	■	■
Hydr. lateral and tilt adjustment with enhanced actuation	□	□
Rear power lift relief control	□	□
Steep lift	□	□
PTO		
Front: 1000 rpm	□	□
Rear PTO 540/WZW/750 rpm	□	□
Rear PTO 540/540E/1000 rpm	■	■
Hydraulics		
EHS valve actuation crossgate lever, multi-function joystick	■	■
EHS valve actuation linear module	■	■
Load sensing system with axial piston pump (48+71 l/min)	■	■
1st EHS valve middle and rear	■	■
3rd EHS valve middle and rear	□	■
4th EHS valve middle and rear	□	□
1st hydraulic valve centre left/rear	□	□
2nd hydraulic valve centre left	□	□
Hydraulic power beyond connection	□	□
Return middle right	■	■
Return rear	■	■
Flat-face hydraulic couplings (FFC)	□	□
CUP coupling rear	□	□
Bio hydraulic oil	□	□
Additional equipment		
Manual hitch	■	■
Automatic trailer hitch without remote control, rear	□	□
Front weights, various sizes	□	□
Wheel weights, rear wheels	□	□
Implement mounting plate	□	□

Version 03/03/2025

FENDT



Leaders drive Fendt.



 **AGCO**
Your Agriculture Company

www.fendt.com

AGCO GmbH – Fendt Marketing
87616 Marktobendorf, Germany

EN/2501