

FENDT



Fendt
700 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.

30.5 kg/hp
Weight-power ratio

11.8 m
Track circle

6.2 t
Payload

220 l/min
max. hydraulic performance



The best Fendt 700 Vario of all time!



The Fendt 700 Vario Gen7.1 is more than just a tractor – it is the answer to the wishes and requirements of modern farmers worldwide. Developed with passion, built with precision and equipped with forward-looking technology, it combines power, efficiency and comfort at the highest level. On the power spectrum of 223 to 303 hp max including the Fendt DynamicPerformance (DP) concept for all models and AGCO Power's CORE75 engine generation of the Fendt 700 Vario Gen7.1 sets new standards in its class. The Fendt iD low speed concept and the revolutionary VarioDrive drivetrain make it the most efficient tractor* in its power segment. Whether in the field or on the road – the Fendt 700 Vario Gen7.1 is impressive with maximum manoeuvrability, high payload, state-of-the-art hydraulic solutions and the comfortable VisioPlus cab with FendtONE operating philosophy.

*At 09/2025 DLG tested tractors up to 305 hp. The new Fendt 724 Vario Gen7.1 is convincing with the lowest ever measured diesel consumption in the neutral DLG PowerMix test.

Areas of application



Arable



Transport



Grassland



Front loader work



Local Authority



Highlights of the Fendt 700 Vario Gen7.1

1

Fendt DynamicPerformance (DP)

With the Fendt DynamicPerformance concept, the Fendt 700 Vario Gen7.1 offers up to 20 hp more power for greater productivity and efficiency. Fendt DynamicPerformance automatically detects when secondary consumers such as fans, compressed air supply, air conditioning or the hydraulic pump need additional power. This compensates DP in a targeted manner and thus ensures higher productivity with consistent work performance. This enables you to enjoy intelligent added performance – as required and reliably.

2

Engine and fan

The 7.5-litre AGCO Power 6-cylinder engine with Fendt iD low speed concept delivers impressive performance with minimal fuel consumption. The Concentric Air System (CAS) with a forced-air fan ensures optimum cooling, quiet operation and more available performance.

3

Assistance systems for increased driving safety

Modern assistance systems ensure maximum driving safety on the road and in the field. Fendt Stability Control (FSC) provides more stability when cornering, while the trailer brake assistant (TBA) keeps the team slowed in critical thrust situations. The result: more safety, less driver stress.

4

VarioGrip tyre pressure regulation system

The tyre pressure can be conveniently adjusted via the terminal with the integrated VarioGrip tyre pressure regulation system. This protects the soil, increases the tractive power and saves up to 8% diesel. The system is suitable for a wide range of axle and tyre types.

5

VisioPlus cab with premium driver's seat

The VisioPlus cab is impressive with a generous 77° field of view, sophisticated storage space, powerful air conditioning, practical cool box for long working days and electrically adjustable premium driver's seat with seat heating, air conditioning, massage function and memory storage – comfort that makes the difference.

6

Intelligent VarioDrive

With VarioDrive, there is no need for manual switching on of the four-wheel drive – the front and rear axles are driven automatically and as required by separate hydraulic motors. This ensures optimal traction in any situation. The “pull-in-turn” effect ensures a particularly small turning circle – a real advantage when working with the front loader or in a confined space.

7

Low operating weight and high payload

Boasting an operating weight of 9.2 t and a payload of up to 6.2 t, the Fendt 700 Vario Gen7.1 offers plenty of scope – for example using heavy implements or trailers with a high support load. Depending on the application, the tractor can be specifically ballasted in the front mounting, rear or rear wheels – for optimised traction.

8

Efficiency that sets new standards

In the independent DLG PowerMix test, the new Fendt 724 Vario Gen7.1 with Fendt DynamicPerformance (DP) has impressively proven what it is capable of: with top performance, efficiency and fuel consumption, the Fendt 724 Vario Gen7.1 sets new standards in the hp class from 240 to 305 hp – both in field and on the road.





Versatile Complete package

Strong in agriculture – precise in special crops

With its economical 6-cylinder engine and VarioDrive driveline, the Fendt 700 Vario Gen7.1 is impressive with its efficiency and traction. Fendt DynamicPerformance (DP) delivers 20 hp more power when required, while the VarioGrip tyre pressure regulation system reduces ground pressure and increases area performance. The factory Category 4 cab protects during pesticide work and the FendtONE operating concept with up to three terminals ensures intuitive control.

Functions such as Fendt Guide, Fendt TI Auto and Fendt TI Turn Assistant, soil cultivation is precise, relaxed and time-saving. Flexible track widths, a powerful hydraulic system and 6.2 t payload round off the package for demanding applications.

Efficient and safe in transport

Fendt iD low-speed concept, VarioDrive drivetrain and the VarioGrip tyre pressure regulation system mean the Fendt 700 Vario Gen7.1 works with fuel-saving, low-wear and with optimum traction. Up to 6.2 t payload and 4.0 t of support load ensure impressive traction and versatility. The safety features such as automatic steering axle, trailer brake assistant, automatic parking brake and daytime running lights ensure maximum road safety. The intuitive operation in the cab makes every ride comfortable and relaxed.

Maximum performance and soil protection in grassland

Thanks to Fendt DynamicPerformance (DP), up to 20 hp increase in power is available if required. The VarioDrive drivetrain ensures manoeuvrable, torsion-free driving and protects the sward. With the VarioGrip tyre pressure regulation system, the ground pressure is reduced, the area performance is increased by up to 8% and fuel is saved. The VisioPlus cab with laminated safety glass (LSG) offers the best comfort and protection. The 4-speed PTO allows maximum flexibility when working with implements and ensures versatile use. Further highlights such as the relieving front power lift control, the Tractor Implement Management (TIM) and the Fendt iD low-speed concept make the Fendt 700 Vario Gen7.1 a smart, versatile partner in grassland.

Manoeuvrable and precise in front loader use

The Fendt 700 Vario Gen7.1 is impressive in front loader use with the curved front windscreen of the VisioPlus cab, which allows a vertical viewing angle of 77°. Thanks to the powerful hydraulics with a conveying capacity of up to 220 l/min and the optional third control circuit, several front loader functions can be performed simultaneously and powerfully – ideal for fast, precise work with complex implements such as bale clamps or grippers. VarioDrive ensures optimum traction and extreme manoeuvrability, making the Fendt 700 Vario Gen7.1 perfect for tight manoeuvres and frequent changes of direction.



Modern equipment for municipal applications

The Fendt 700 Vario Gen7.1 offers the best visibility in any weather – thanks to LED spotlights and heated windows and mirrors. The suspended front axle, the air conditioning system and the ergonomic driver's seat with 3-point harness ensure a high level of driving comfort. Daytime running lights, automatic brake light control in case of deceleration and modern assistance systems are available for safety in road traffic. Further advantages are the reliable front power lift control, the suitability for bio-hydraulic oil, HVO compatibility and factory municipal tyres – making the Fendt 700 Vario Gen7.1 a versatile all-rounder for all-season use.



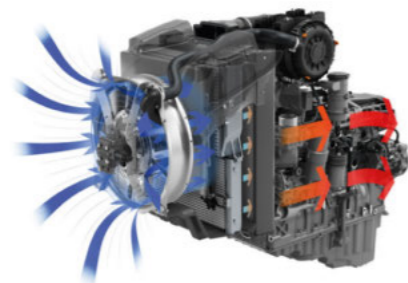
Efficient on the road



60 km/h
max. speed

Concentric Air System (CAS) with forced-air fan

The concentric, forced-air fan has an independent, hydrostatic drive. Its extremely narrow construction allows a large steering angle and thus contributes to the outstanding manoeuvrability of the Fendt 700 Vario Gen7.1. With up to 40% less drive power compared to a standard fan, it is also enormously efficient, saving fuel.



AGCO Power CORE75

With a displacement of 7.5 litres and a maximum output of up to 223 kW (303 hp), the AGCO Power CORE75 offers excellent torque, low fuel consumption and high reliability. With a superior torque of 1,450 Nm and maximum fuel efficiency thanks to the Fendt iD low speed concept at just 1,700 rpm, it sets standards in its performance class. Its robust design, compact design for more manoeuvrability and ground clearance, as well as HVO compatibility, excellent cold start properties and low maintenance costs make it particularly durable and future-proof.

Fendt DynamicPerformance (DP)

With the Fendt DynamicPerformance (DP) added performance concept, the Fendt 700 Vario Gen7.1 offers up to 20 hp more power for greater productivity and efficiency. Unlike classic boost concepts, Fendt DynamicPerformance provides performance 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. More performance used efficiently – targeted and reliable.



Safe and fuel-saving in transport

The Fendt 700 Vario Gen7.1 sets new standards in the area of driving dynamics. The powerful engine with 223 kW (303 hp) maximum output results in a power-to-weight ratio of 30.5 kg/hp. On request, the VarioDrive drivetrain accelerates to up to 60 km/h from the Fendt 724 Vario Gen7.1 model. When speed, traction and efficiency are important, the Fendt 700 Vario Gen7.1 brings you to your destination in a fuel-efficient and confident manner.

Outstanding efficiency in the field and record levels in transport

In the independent DLG PowerMix test, the new Fendt 724 Vario Gen7.1 with Fendt DynamicPerformance (DP) has impressively proven what it is capable of:

With a consumption of only 242 g/kWh (+24,2 g/kWh AdBlue), the Fendt 724 Vario Gen7.1 achieves the same peak value as the top model Fendt 728 Vario Gen7. Compared to the predecessor model of the 6th generation means a saving of 9% respectively 21 g/kWh – a clear

step forward in terms of profitability. The Fendt 724 Vario Gen7.1 is impressive with new best values never before measured*:

- 321 g/kWh at 40 km/h
- 326 g/kWh at 50 km/h
- 328 g/kWh at 60 km/h

These results mean the Fendt 724 Vario Gen7.1 is writing history: Never before have such peak values been measured in this horsepower class in the DLG PowerMix test and thus even overtakes the previous leader Fendt 728 Vario Gen7. Tractors in this class spend around half of their service in transportation – for example during harvesting or freight transport. Thanks to its outstanding overall efficiency, the Fendt 724 Vario Gen7.1 can significantly reduce operating costs.

With a diesel price of €1.60/l and €0.65/l AdBlue, there is a savings potential over 5,000 operating hours of up to €16,000.

*As at 09/2025 DLG tested tractors up to 305 hp

VarioDrive – Also in the medium performance segment

VarioDrive is not an unknown concept in the Fendt large tractor series. The Fendt 700 Vario Gen7, the Fendt 600 Vario and the fourth generation of the Fendt 500 Vario also contain this technical innovation for the medium performance segment. VarioDrive stands for many things, but above all for soil protection and efficiency. The pull-in turn effect reduces the turning circle by up to 10%, enabling easier and more precise manoeuvring. Fendt Torque Distribution provides permanent tractive power by intelligently distributing the torque to the axle with the best grip. What's more, you always drive in the right gear and have optimal power transmission at all times, which significantly reduces tyre wear and fuel consumption.

Customer benefits with VarioDrive

- Maximum comfort due to elimination of the driving range shifting
- Independent drive of front and rear axle
- Torsion-free 4WD through separate drive of the front axle
- No manual all-wheel drive switch necessary
- Optimal engine-transmission tuning in connection with the Fendt iD low speed concept
- Smallest possible turning radius due to pull-in turn effect, optimal for front loader work
- Change gear oil only every 2,000 operating hours

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 with activated TMS or cruise control function, or on the engine load without TMS/cruise control. Manual adjustment is still possible.

Benefits

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



Maintenance of the transmission

The concept of the Fendt 700 Vario Gen7.1 is designed for low operating costs. The tractor has separate transmission and hydraulic oil pans, which prevents the oils from mixing and prevents dirt from entering the transmission. A transmission oil change is only required every 2,000 operating hours or every 2 years, which significantly reduces maintenance costs. Furthermore, remote measuring points on the transmission enable quick and easy troubleshooting without having to remove the wheel, which also reduces costs.

Benefits

- No dirt ingress into the transmission due to contaminated hydraulic oil
- Low maintenance costs, fewer downtimes due to long maintenance intervals
- Simplified diagnostic option that reduces time and costs



See the benefits of VarioDrive at a glance.



Powerful hydraulic system

The hydraulic system of the Fendt 700 Vario Gen7.1 offers an impressive delivery capacity of either 165 l/min or even up to 220 l/min. Providing a removable oil quantity of 80 litres, you are well prepared. Flat-sealing flat-face couplings (FFC) at the front, rear and for Power Beyond ensure leak-free use and lower pressure losses.

Steering axle lock

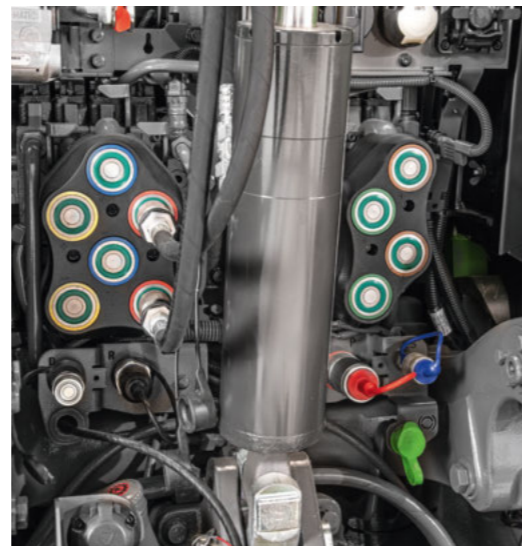
The automatic steering axle locks and unlocks the trailer steering axle automatically at defined speeds. When reversing, the steering axle is always locked. The activation, the adjustment of the speed range (0-3 km/h to 10-25 km/h) and the assignment of the hydraulic valve take place via the terminal. Manual oversteering of the automatic is possible. The steering axle lock makes it easier to manoeuvre in corners, increases safety at higher speeds and prevents the attached device from breaking sideways when reversing.

Working hydraulics

The working hydraulics of the Fendt 700 Vario Gen7.1 impress with their high flexibility and performance: Depending on the equipment variant, up to ten double-acting valves are available (for Power: 6, Power+: 7, Profi/Profi+: 10), supplemented by a Power Beyond connection. The valves can be combined freely at the front, central and rear. UDK, DCUP or FFC couplings are selectable, the latter also for front valves and Power Beyond. The flow rate can be adjusted separately for each valve – with up to 170 l/min on the 3rd and 4th units. Valve with 3/4" or 5/8" FFFC. Up to 80 litres of hydraulic oil can be removed. In addition, a selectable hydraulic valve can be controlled externally both in the rear and at the front. Time functions and teach-in are also possible for central valves when no front loader is mounted – ideal for individual requirements.

Advantages of hydraulic system

- High pump capacity of up to 220 l/min for work with high oil volume at low engine speed
- Low maintenance costs due to long oil change intervals
- Up to 2,000 hrs oil change interval (not bio-oil) under normal operating conditions with Profi/Profi+ thanks to electronic oil filter monitoring
- Very good steering response, even with parallel consumption
- High removable amount of oil for secure supply of large consumers
- Use of bio-hydraulic oils supported due to separate oil reservoir
- No oil mixing/dirt ingress
- Outstanding ease of use
- Fast full functionality, even in cold weather



Clever loading, working safely

The Fendt Cargo and Fendt Cargo Profi front loaders offer sophisticated technology for efficient and comfortable working. The Fendt Cargo is convincing with its robust design, easy attachment and detachment and up to 3 separate valves, so that three functions can be operated simultaneously (e.g., lifting, tilting and gripping with the bail clamps or gripper bucket). The Fendt Cargo Profi complements these strengths with intelligent functions such as an integrated weighing function, which weighs in any position even while driving, and a memo function for automatic return to saved positions. The work lights mounted on the arm provide better visibility in the dark. The possibility of limiting lifting height and tilt angle increases safety and efficiency, while the end position damping protects the material and increases comfort. Both front loader types are perfectly matched to Fendt tractors and can be operated seamlessly via the FendtONE operating system – for maximum productivity and user-friendliness in daily use.

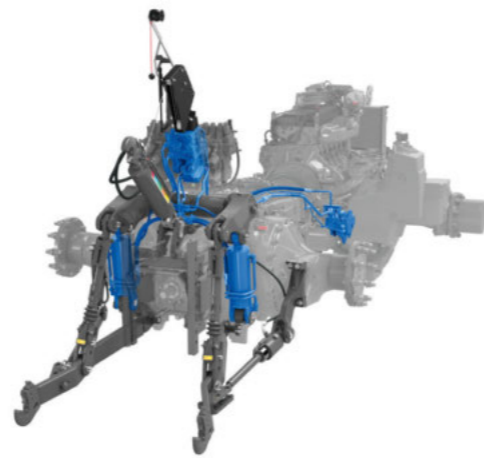
Strong, precise, easy to use

Rear power lift

The rear power lift is impressive with smart technology for precise and comfortable working: a lifting capacity of up to 11,050 daN, double-acting lifting cylinders and active vibration dampening ensure stability – even when driving on the road with implements. The electronic hoist regulator (EHR), external operation on both sides, tensile force measurement, load-compensated countersinks as well as mechanical or hydraulic side stabilisation with centre sizing enable maximum efficiency. This not only makes every task at the rear easier, but also noticeably safer and more productive.

Position control and relief control – rear.

Thanks to the position control and relief control, ground-guided implements remain in three-point attachment, e.g., cultivator, even on uneven or soft ground constantly at working height. The rear implement adapts precisely to the ground contour with continuously variable support pressure. This ensures optimum work results, higher traction through weight transfer and relieves the driver and machine, as no retuning is required.

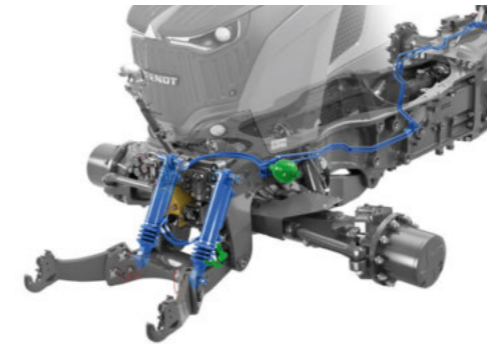


Benefits

- Optimal ground hugging and implement protection for heavy, ground-guided implements on soft ground
- Optimum work results due to less soil compaction
- Relief for the implement and higher traction thanks to weight transfer
- Relief for the driver because readjustment is no longer necessary

Aids for top links

Two sophisticated relief systems facilitate the handling of the upper link at the Fendt 700 Vario Gen7.1 when attaching and detaching implements. An optional lifting aid for the hydraulic upper link uses a gas pressure damper with a cable pull mechanism. This allows the angle of the upper link to be adjusted effortlessly and gently. An additional metal rod with a ball keeps the top link securely in parking position when no implement is attached. Another gas shock absorber, which captures part of the weight, supports the hole pattern when switching around the hole pattern – this saves time and energy in everyday work.



Front power lift for optimum manoeuvrability

The front power lift is available in two versions – as a comfort version with position control and as a comfort version with position control and load-relieving control – and offers a high lifting force of up to 5,300 daN. Due to the integration into the waisted half-frame, the front projection remain compact – ideal for tight turning manoeuvres. The foldable lower links are close to the vehicle, the side protection is integrated. An optional camera system makes it easier to attach the implement. Operation is convenient via the terminal and the power lift module. Vibration damping, cylinder protection and relieving control ensure tractor and implement protection and optimum steerability – especially for front mowers and front packers.

Comfort front power lift with position control and load relief control

The comfort front power lift with position control and relieving control ensures precise working conditions. The load or relief pressure can be actively and dynamically controlled between 3-100 bar directly via the terminal. The control system starts at 0.6 km/h – without any additional relief springs. The result: higher forage quality, lower contamination and improved tracking accuracy due to targeted loading of the front axle.

Benefits

- Attachment follows the ground contour precisely at a continuous height for work that's gentle on the implement and saves fuel
- No need to install or adjust relief springs
- Exceptionally easy to use with settings on the Varioterminal
- Best traction and directional stability the weight transferred from the implement to the front axle increases traction and prevents drift on the hillside
- **Mower/mulcher:** Protect the sward for optimised forage quality, because of lower contamination proportion. Does not pierce into the sward.
- **Device combination with front packer/front tank:** best traction, steering capability, track following, clean, controlled levelling and compaction across the entire working width
- **For winter work with a snow plough:** constant load pressure control for uniform clearing results
- Reduced equipment wear and soil protection

Increased safety and driving stability

Lockable front axle suspension

The front axle is impressive with maintenance-free, level-controlled suspension and 120 mm suspension travel – for constant passenger comfort and up to 7% more area performance thanks to optimal traction. The suspension is lockable, which enables precise work with front cultivator or front loader. Even when the suspension is locked, the pivoting travel is retained. The high front axle load of up to 6,900 kg (with front loader max. 9,980 kg up to 8 km/h) offers reserves for heavy-duty applications. Practical: The axle can be lowered or raised manually – ideal for changing implements without front power lift.



Comfortable manoeuvring

With integrated reset torque, the Fendt Reaction steering system ensures safe straight-forward and comfortable steering behaviour – similar to that of a car. The Fendt Active overlay steering (Power+/Profi+ versions) enables a full steering angle with only one steering wheel rotation – ideal for headland or front loader work. It is activated via a button on the multi-function armrest. It remains active up to 25 km/h, and will be gradually reduced from 8 km/h. This facilitates fast turning manoeuvres.



Fendt Stability Control (FSC)

The Fendt Stability Control (FSC) safety assistance system ensures maximum driving stability, steering precision and braking safety. From 20 km/h, FSC automatically locks the compensation of the front axle suspension between the left and right sides, thus reducing the lateral inclination. The speed-dependent system activates itself independently and stabilises the tractor while cornering and transport driving – for greater safety in any application situation.





Four-speed rear PTO

The four-speed rear PTO offers a wide range of applications at 540/540E and 1000/1000E speeds. Low engine speeds at PTO rated speeds ensure particularly economical consumption. The connection between the crankshaft and the PTO shaft is via only one gear set, which ensures a high level of efficiency. A major benefit: PTO-operated implements can be operated at constant speed and at the same time variable driving speed. In addition, the replacement of various PTO stubs is possible – this increases flexibility.



Front PTO

The 700 Vario Gen7.1 can also be equipped with a 1,000 rpm front PTO. The attachment and detachment of implements is facilitated by the bevelled and fastened profile of the PTOs.

Automatic PTO function

The automatic functions of the front and rear PTOs provide simplified operation and increased efficiency. Switching the PTO on and off, each can be assigned to a button on the speed control lever and is automatically performed at predefined positions of the front or rear power lift.

A tractor with countless possibilities

Well prepared for every application. The Fendt 700 Vario Gen7.1 offers a wide range of different trailer systems in the trailing slide and in the bottom hitch. Due to the parking position of the rear power lift, there is sufficient clearance even when bottom hitch is below. The variable ballast concept contains different front weights and wheel weights. This allows the Fendt 700 Vario Gen7.1 to be optimally adapted to the implement and the operating conditions. As easy as possible, as heavy as necessary - maximum efficiency and low consumption are achieved.



Without VarioGrip



With VarioGrip

Strong in every track

Three rear axle variants are available for maximum flexibility: flange axle and stub rear axles with 2,500 or 3,000 mm track width*. The 60" option is ideal for Row Crop markets*. Dual tyres up to 710/70 R42 and large tyres with a diameter of up to 2.05 m ensure maximum tractive power. Up to 11.5 t axle load, a powerful brake system with two tri-stop cylinders and the optional steering brake provide safety and control on any terrain.

*country specific

More tractive power, less consumption – with VarioGrip

The fully integrated VarioGrip tyre pressure regulation system is available for flange and stub axles and enables automatic tyre pressure adjustment – even for twin tyres. A water-cooled high-performance compressor with an air flow of 800 l/min ensures quick adjustment of the tyre pressure. For the front and rear axles, two pressure values can be stored and called up while driving. The system increases traction by up to 10%, reduces fuel consumption by up to 8%* and protects the ground and tyres, thereby minimising wear. Operation is conveniently done via the terminal.

*South Westphalia University of Applied Sciences; Agricultural Economics Soest

VisioPlus Cab

Long working days on the tractor require an environment that combines comfort, ergonomics and functionality – that's exactly what the Fendt 700 Vario Gen7.1 offers. The spacious cab comes with a continuous vertical field of vision of 77° and numerous details, such as the large cooling and thermal box, an additional window wiper on the right side, a powerful air-conditioning system and numerous storage compartments.



300°
Front wiper

Benefits

- Exclusive 300° window wiper on the front window and wiper on the right side window ensure best visibility in any weather
- Washing nozzle integrated in the wiper arm
- No shadowing, e.g., from exhaust or hood of cross-illuminated work lights
- Maximum safety thanks to optimal view in the front and rear work areas thanks to bonnet and rear cameras
- Cab designed for long periods of use
- Comfortable shading from the sun with roller blinds
- Air conditioning concept designed for very hot regions for excellent cooling

Bonnet and rear camera

With their high-resolution image quality, the bonnet and rear cameras ensure maximum safety and good view of the front and rear mounting areas and make it much easier to attach implements.



Pesticides with Category 4 cab for the best possible user protection

The Fendt 700 Vario Gen7.1 is equipped with an exchangeable filter system according to EN15695, which offers protection against dust, aerosols and vapours. The Fendt 700 Vario Gen7.1 meets all the requirements for the application of pesticides that require a Category 4 cab. The driver is reliably protected in pesticide applications and wearing personal protective equipment in the cab is not required.



Mirrors for the best overview

There are three mirror variants to choose from for the Fendt 700 Vario Gen7.1: from simple rear-view mirror with wide angle to comfort mirror with electrical adjustment, heating, telescopic function and clearance lights. The comfort mirrors are integrated into the vehicle electronics and can be conveniently controlled via the terminal. Thanks to clever functions such as simultaneous retracting of both mirrors and position lights, everything remains clearly visible – even with large implements.

Benefits

- No more blind spots
- Highest safety, as the driver can adjust mirrors comfortably and easily
- Best overview even with large attachments in tight spaces
- Vehicle dimension easily recognisable by other road users due to marker lights



The premium driver's seat

The super comfort seat in leather interior ensures maximum comfort. In addition to multi-level seat heating and air conditioning, it also offers a massage function. The backrest, side bolsters and lumbar support of the seat as well as the longitudinal adjustment can be adjusted electrically. Further comfort functions can be conveniently operated and set in the terminal. The individual driver settings are stored in the respective user profile thanks to the integrated memory function.

Best visibility even at night

The illumination of the Fendt 700 Vario Gen7.1 can be individually configured – from daytime running lights to powerful LED work lights with up to 4,000 lumens per spotlight. High-performance reflectors ensure glare-free illumination, while thermal management and vibration-resistant design ensure a long service life. Two light settings can be stored and can be easily accessed via the steering wheel adjustment lever or the terminal. Features such as the Coming-Home lights, the illuminated entry into the cab and the LED all-round lighting increase safety and comfort – even in the dark.

Maximum driving and working comfort thanks to cab suspension

As standard, pneumatic cab suspension with two cone bearings at the front and two suspension elements at the rear provide stability. Optionally, the comfort version offers a 3-way pneumatic suspension with central arm, self-levelling and integrated braking and pitch compensation. The cab suspension is optimally matched with the front axle suspension, the seat suspension and the power lift damping. The sophisticated suspension concept guarantees maximum driving comfort – even during long working days and demanding conditions.

Infotainment

The infotainment system in the Fendt 700 Vario Gen7.1 offers state-of-the-art technology for entertainment and communication. It includes a hands-free system with optimally distributed microphones, excellent radio reception worldwide and the connection of external audio sources via Bluetooth, USB or AUX. Operation is intuitive via the terminal or the rotary dial on the armrest. Two sound systems are available – up to the 4.1 system with subwoofer for rich sound and the best listening experience in the cab.



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 and equipment variants

		720 Vario	722 Vario	724 Vario	726 Vario	728 Vario
Engine						
Rated power	kW/hp	149/203	164/223	179/243	193/262	206 / 283
Maximum power	kW/hp	149/203	164/223	179/243	193/262	206 / 283
Maximum power with DP ECE R 120	kW/hp	164/223	179/243	193/262	206/282	223/303
Cubic capacity	cm³	7527	7527	7527	7527	7527
Rated speed	rpm	1700	1700	1700	1700	1700
Max. torque	Nm	1150	1220	1318	1384	1450
Fuel level	litres	450.0	450.0	450.0	450.0	450.0
Optional fuel tank capacity	litres	484.0	484.0	484.0	484.0	484.0
AdBlue tank	litres	48.0	48.0	48.0	48.0	48.0
Exhaust gas after-treatment		DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR
Transmission and PTO						
Transmission type		TA 190	TA 190	TA 190	TA 190	TA 190
Speed range forward	km/h	0,02 - 50	0,02-50	0,02-60	0,02 - 60	0,02 - 60
Speed range reverse	km/h	0,02 - 33	0,02 - 33	0,02 - 33	0,02 - 33	0,02 - 33
Rear PTO		540/540	540/540	540/540	540/540	540/540
Front PTO option		E/1000/1000 E	E/1000/1000 E	E/1000/1000 E	E/1000/1000 E	E/1000/1000 E
Front PTO option		1000	1000	1000	1000	1000
Power lift and hydraulics						
Variable flow pump	l/min	165	165	165	165	165
Variable flow pump option 1	l/min	220	220	220	220	220
Max. valves (front/centre/rear) Power	number	1/3/4	1/3/4	1/3/4	1/3/4	1/3/4
Max. valves (front/centre/rear) Profi / Profi+	number	2/3/5	2/3/5	2/3/5	2/3/5	2/3/5
Max. available hydraulic oil volume	litres	80	80	80	80	80
Max. lift capacity of rear power lift	daN	11050	11050	11050	11050	11050
Max. lift capacity of front power lift	daN	5300	5300	5300	5300	5300
Electrical features						
Battery power	Ah/V	180/12	180/12	180/12	180/12	180/12
Alternator	V/A	14/240	14/240	14/240	14/240	14/240
Tyres						
Front tyres (standard)		540/65R30	540/65R30	540/65R30	540/65R34	540/65R34
Standard tyres rear		650/65R42	650/65R42	650/65R42	650/85R38	650/85R38
1st option for front tyres		600/65R28	600/65R28	600/65R28	600/70R30	600/70R30
1st option for rear tyres		710/70R38	710/70R38	710/70R38	710/70R42	710/70R42
Dimensions						
Overall width with standard tyres	mm	2570	2570	2570	2650	2650
Overall length	mm	5516	5516	5516	5516	5516
Total height of driver's cab with standard tyres without Fendt Guide	mm	3142	3142	3142	3280	3280
Total height of driver's cab with standard tyres with Fendt Guide	mm	3192	3192	3192	3332	3332
Max. ground clearance	mm	570	570	570	570	570
Wheelbase	mm	2900	2900	2900	2900	2900
Weights						
Operating weight (incl. common accessories - +/- 5%)	kg	8800 - 9250	8800 - 9250	8800 - 9250	9200 - 9650	9200 - 9650
Max. permissible overall weight up to 40 km/h country-specific exception approval required	kg	15000.0	15000.0	15000.0	15000.0	15000.0
Max. permissible overall weight up to 50 km/h country-specific exception approval required	kg	15000.0	15000.0	15000.0	15000.0	15000.0
Max. permissible overall weight up to 60km/h	kg			14000.0	14000.0	14000.0

	Power	Profi	Profi+	Power+
Engine				
Low-speed concept Fendt iD	■	■	■	■
Reversible fan	□	□	□	□
Preheater unit (engine, transmission, hydraulic oil)	□	□	□	□
Transmission				
VarioDrive with variable torque distribution between the front and rear axle	■	■	■	■
Guidance system				
Guidance system basic package			■	■
TI Headland (TI Auto & TI Turn Assistant)			□	
Contour Assistant			□	□
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			□	□
Digital Dashboard	■	■	■	■
12" terminal with touchscreen and key control	■	■	■	■
Second 12" terminal in roof			□	□
Fendt Active steering			■	■
Electronic immobiliser	■	■	■	■
Cab				
Pneumatic cab suspension, 3-point with integral self-levelling		□	□	
Super Comfort Seat, air sprung	□	□	□	□
SuperComfort Seat Titanium Leather/DL Electric			□	□
SuperComfort Seat Titanium / DL	□	□	□	□
SuperComfort Seat EvolutionUp DuMo / DL	□	□	□	□
Comfort instructor seat	■	■	■	■
Height and tilt-adjustable steering column	■	■	■	■
Cooler and thermal box	□	□	□	□
Roller shade rear				□
Segment wipers front	■	■	■	■
Segment windscreen wiper / 2 wiper fields - 180/300 degrees (continuous windscreen)	□	□	□	□
Comfort mirror + clearance light	□	□	□	□
Retractable comfort mirror + clearance light	□	□	□	□
Ext. rearview mirror, mechanically adjustable	■	■	■	■
Roof mounted rear camera			□	□
Hood mounted front camera			□	□
Universal mobile phone holder	□	□	□	□
Infotainment bundle + 4.1 sound system			□	□
4 camera connections	□	□	□	□
4 USB ports				□
Electric battery disconnect switch	□	□	□	□
Low beam and high beam	■	■	■	■
Low beam and high beam LED	□	□	□	□
Lighting				
Auxiliary lights front	□	□	□	□
Work lights A-pillar	□	□	□	□
Work lights A-pillar, rear mudguard	□	□	□	□
Roof rear work lights / 2 pairs	■	■	■	■
Working lights roof front LED / 2 pair	□	□	□	□
Roof front working lights / 2 pair	□	□	□	□

	Power	Profi	Profi+	Power+
Working lights in the bonnet			□	□
Working lights bonnet top LED			□	□
Chrome package			□	□
Chassis				
Fendt Stability Control			□	□
Front axle suspension self-levelling, lockable	■	■	■	■
Pneumatic high-speed dual-circuit braking system 1 pedal	■	■	■	■
Pneumatic high-speed dual-circuit braking system 2 pedal			□	□
Electro-pneumatic handbrake	■	■	■	■
Electro-pneumatic handbrake (handbrake assist)	□	□	□	□
Automatic trailer steering axle lock			□	□
VarioGrip tyre pressure regulation system	□	□	□	□
4WD / differential locks				
Smart 4-wheel drive	■	■	■	■
Power lift				
Single-action Comfort front power lift with position adjustment and external controls	□	□	□	□
Comfort front power lift da, with position control and relief control, external controls	□	□	□	□
Electrohydraulic power lift sa (EHR), with external controls	■	■	■	■
EHR power lift double acting with external actuation, relief control			□	□
Hydraulic lower link lateral stabiliser			□	□
PTO				
Front: 1000 rpm	□	□	□	□
Rear: Flanged PTO 540/540E/1000/1000E rpm	■	■	■	■
Hydraulics				
External control for hydraulic control unit at rear	□	□	□	□
Load sensing system with axial piston pump (165 l/min)	■	■	■	■
Load sensing system with axial piston pump (220 l/min)			□	□
Hydraulic power beyond connection	□	□	□	□
Hydraulic connection Power-Beyond FFC	□	□	□	□
Return Front	□	□	□	□
Flat-face hydraulic couplings (FFC)	□	□	□	□
Double connect-under-pressure lever couplings rear	□	□	□	□
Additional equipment				
Automatic trailer hitch with remote control, rear	■	■	■	■
Ball coupling, height adjustable	□	□	□	□
Hitch	□	□	□	□
Drawbar	□	□	□	□
Piton-fix	□	□	□	□
Comfort ballast for front-end weight (not available with front power lift)	□	□	□	□
Front weights, various sizes	□	□	□	□
Wheel weights, rear wheels	□	□	□	□
Forced steering (one or two-sided)	□	□	□	□
Additional toolbox	□	□	□	□
Front loader				
Fendt Cargo 6,100	□	□	□	□
Fendt Cargo Profi 6,100			□	□
Fendt Cargo 6,100 - 3rd valve			□	□
Fendt Cargo Profi 6,100 - 3rd valve			□	□
Working lights front loader LED			□	□
FL -Multiple coupler/tool 3rd circuit + 3rd valve for FL	□	□	□	□
FL -Multiple coupler/trailer 3rd valve for FL	□	□	□	□



As of 16.07.2025, the current technical specifications can be found here: fendt.com/700-vario-gen7-data

FENDT



Leaders drive Fendt.



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