Fendt 900 Vario
Can do more. Does it better.

The Fendt 900 Vario has been the leader on the tractor market for large-scale farms and contracting businesses since 1995. With a maximum output of 396 hp, the 900 Vario can simply do more and does it a lot better, thanks to intelligent technology. Benefit from the leading high-horsepower tractor and invest in the Fendt 900 Vario.
Professional farming enterprises clearly choose Fendt. With the Fendt 900 Vario, you experience bundled expertise in power transmission, electronics, efficiency and robustness. Thanks to its stable, lightweight construction, highest payload and unique technologies, this high-horsepower tractor can do more and does its work better.

Show greatness. Have greatness.
Can do more.
For high-horsepower tractors, performance and profitability as well as comfort and safety are what count the most. To take a leading position here, the Fendt 900 Vario has ground-breaking technical advantages.

- x5-cab with 3.5 m³ of air space and a panoramic windscreen
- Lightweight base tractor with 10.8 t vehicle weight
- High payload up to 7.2 t and a permissible overall weight up to 18 t
- Integral tyre pressure regulation system Fendt VarioGrip
- ABS anti-lock braking system
- Automatic radiator cleaning with reversible fan
- Self-levelling independent wheel suspension on front axle with locking function
- LED lighting concept for driving and work lights
- TMS with automatic maximum output control 2.0 for perfect engine and transmission management
- New Fendt VarioGuide automated steering
- Automatic section control with SectionControl Assistant
- VariableRateControl (VRC) permits working from application maps
- Auxiliary control valves with replaceable (FFC) cartridges and up to 170 l/min maximum flow

Fendt 900 Vario.
Constantly achieve more.

Fendt 927 Vario
202 kW
275 hp
Fendt 930 Vario
224 kW
305 hp
Fendt 933 Vario
247 kW
336 hp
Fendt 936 Vario
269 kW
366 hp
Fendt 939 Vario
291 kW
396 hp

Maximum engine is 10.0 R 560

Does it better.
With the integrated tyre pressure regulation system VarioGrip, you can optimally regulate the tyre pressure for operations in the field and on the road. The tyre pressure is set to the ideal value when driving. With the right tyre pressure in the field, farmers can work up to 8% more area with the cultivator and save an additional 8% diesel.* When driving on the road, the right tyre pressure not only ensures the required driving stability and lower tyre wear, but also saves up to 4% diesel.*

Source: South Westphalia University of Applied Sciences, Agriculture Soest (8.2014)
Integral tyre pressure regulation system Fendt VarioGrip

The benefits of optimum tyre pressure are clear: Lowering tyre pressure in the field increases the contact area between the tyre and ground, which improves traction and reduces wheel slip. Furthermore, it reduces soil compaction considerably and therefore keeps yield losses at a minimum. When driving on the road, a higher air pressure ensures more stable handling and lowers roll resistance, which reduces fuel consumption and tyre wear.

Integral tyre pressure regulation system Fendt VarioGrip

The perfect integral tyre pressure regulation system VarioGrip controls tyre pressures from 0.6 to 2.5 bar within minutes. The optimal tyre pressure saves fuel, protects the soil and increases traction.

Using the Varioterminal, the tyre pressure of the tractor can be controlled with just a push of a button. The assistance system informs drivers about too low or too high tyre pressure.

Does it more efficiently.

Fundamental innovations have found their way into the Fendt 900 Vario, ones that further improve the efficiency of the tractor series. The primary innovation is the combination of new engine technologies with the optimised continuously variable Vario transmission – here the best of the best come together. Lively handling through greater dynamics, higher torque and improved power availability. At the same time, intelligent solutions, such as the tractor management system TMS, ensure low consumption of both fuel and AdBlue.

Optimal ballasting

Whether you use your Fendt 900 Vario primarily for field work, haulage or special operations – you will profit from its low unladen weight of just 10.8 tonnes in any case. On the one hand, you have higher payload reserves of up to 7.2 tonnes and, on the other hand, you don’t need to transport unnecessary weight. A tailor-made ballast concept is ideal for heavy draft work.

Haul 37 tonnes more a day

The Fendt 900 Vario convinces with up to 16% higher transport capacity* through a top speed of up to 60 km/h at a fuel-saving 1,750 rpm. Those are advantages that make the difference at the end of the day: for example, a Fendt 900 Vario with a transport capacity of a total of 230 tonnes in ten hours moves 37 tonnes more thanks to the higher speed. And when the Fendt 900 Vario is driven at 50 km/h and an engine speed of 1,450 rpm, it saves even more fuel.

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* In-house measurement
ENGINE AND EXHAUST TECHNOLOGY

Constantly achieve more.

More dynamics thanks to twin turbocharger
With up to 396 hp maximum output, the Fendt 900 Vario delivers massive power and dynamic acceleration. The six-cylinder Deutz engine, featuring a common rail high-pressure injection system and a 7.8 litre cubic capacity, provides tremendous pulling power. A high injection pressure of 2,000 bar ensures fine atomisation and therefore the best combustion in the engine.

Can do more with twin intercooler
The air that has been pre-compressed in the low pressure turbocharger is cooled down by an additional charge-air intercooler, before it is further compressed in the high-pressure turbocharger. Thus the engine can take in a larger air mass with the same volume, which also means more oxygen. This results in more efficient fuel combustion and improved performance.

Fuel efficiency thanks to low rated speed
The engine performance allows the rated speed to be reduced to 2,100 rpm. This not only further improves fuel efficiency, but also provides for a pleasantly low noise level.

Optimal solution for emissions Stage 4 / Tier 4 Final
The intelligent solution for compliance with the new Stage 4 / Tier 4 Final emissions standard is decisive for the economy of the drive train. That is why Fendt has equipped the engine with an exhaust after-treatment that enables the lowest fuel and AdBlue consumption. This exhaust after-treatment features a combination of SCR technology, a maintenance-free, self-regenerating passive diesel particulate filter and AGRex exhaust gas recirculation.

The combination of external exhaust gas recirculation (AGRex), passive diesel particulate filter (CSF) and SCR technology delivers a particularly sophisticated solution for extremely low operating costs.

A reversible fan is capable of automatically reversing the air flow so the cooler elements are effectively blown clean. This feature is also available as a headland management sequence. What's special: Depending on the cooling requirements, the position of the fan blades is adjusted to increase the cooling efficiency. This saves fuel.

Engine characteristics – Fendt 939 Vario

Through the well-rounded torque curve, more power is already available in the lower speed range. Furthermore, the constant power range provides a broader engine speed band over which the maximum power can be called up. In this range, the rated power is equivalent to the maximum power.
THE MOST MODERN TRANSMISSION TECHNOLOGY

Steplessly efficient.

Continuously variable Vario transmission ML 260
For years now, continuously variable transmissions have proven their leading efficiency and performance and have become the first choice. Operators are always in the position to work at the optimal speed, which means considerable savings potential. You save valuable working time in different operations through higher area coverage and also profit from low fuel consumption.

Perfect settings and driving strategies
Thanks to intelligent pre-settings, it is easy to perform work. For example, engine speed and cruise control speeds can be pre-programmed in the Varioterminal and easily activated during operation using the multi-function joystick – especially practical for PTO work, for example. The different driving strategies are also adapted to operations and individual preferences. Drivers can control the speed with either the joystick with four acceleration rates or the foot pedal.

Automatically at the optimum
Important automated functions are included with the stepless drive, ones that further optimise the coordination of the engine and transmission and reduce the operator’s workload. The most important function for this is the fully automatic maximum output control 2.0. It regulates the transmission ratio dependent on the preset speed and the power demand, so that the engine speed is lowered into the range of optimal fuel consumption. There are different optimum values that can be set as the load limit for different operations, for example transport, heavy-duty draft work or for work with PTO-driven implements. The tractor sets the ideal load limit automatically. Operators therefore do not need to actively adjust the maximum output control to each operation. And the interplay between the engine and transmission is just right for every operation. Alternately, operators can also set the maximum output control manually.

The Fendt Vario transmission is a hydrostatic-mechanical power split drive. With increasing speed, the share of the mechanical power transmitted through the planetary set increases. The hydrostats can be swung 45 degrees and have a high operating pressure of max. 550 bar – this ensures exceptional efficiency.

The transmission on the top models over 330 hp have been designed for the highest loads. It has a set of four planetary gears, which optimises power transfer and results in high robustness.
Unique safety with laminated safety glass
The Fendt 900 Vario is available with a windscreen made of laminated safety glass. Fendt has introduced this ground-breaking innovation in agricultural equipment to increase the safety of both drivers and passengers. The front windscreen cannot shatter, it is always held together by the lamination layer when damaged. The green shade band on the upper edge of the windscreen protects against glare. The windscreen with laminated safety glass also has a built-in heater.

Comfortable seats and many practical aids
The pneumatic cab suspension reduces vibrations to a minimum and provides high ride comfort. The absolute highlight in ride comfort results from the combination of independent wheel suspension on the front axle, pneumatic cab suspension and active suspension on the driver seat. The black leather, which is available as a package for the driver seat and steering wheel, is robust and gives the seat a sophisticated look. A number of small details in the cab are simply a joy: a cooling compartment, various storage spaces and much more are your practical daily helpers.

FENDT X5 CAB
Details that are a pleasure.

The 900 Vario offers you a workplace with plenty of free space. From the driver seat, you can control all working procedures with the Variotronic and always have everything in view. Versatile automated functions keep your performance and concentration at a high level over the entire work day.

3.5 m² operator paradise with panoramic view
Take your place in the big x5 cab, which offers a generous amount of space and provides exceptional visibility through the large glass areas – a true panoramic view. The automatic air-conditioning system guarantees a pleasant temperature in the workplace at all times, beverages from the air-conditioned cool box provide refreshment. On cold days, the seat heater is a plus in comfort that you would not want to miss. And when you’re not working alone, a comfortable seat is available for your passenger.

The automatic climate control in the x5 cab ensures pleasant temperatures inside the cab.
The 300° wiper enlarges your field of vision and keeps the window clean, even under the most adverse conditions, so you always have a free view over the entire front of the tractor and into the wheel arches.

The optional wide-angle mirror expands the field of vision, which greatly enhances safety. The hazard zone, which is usually located in the blind spot, is easier to see into and unforeseen situations can be avoided.

Hands-free phone conversations are possible in best audio quality thanks to the flexible, movable swan-neck microphone.

To expand the operating spectrum even further, Fendt offers a factory-installed full-function reversing driver station. It only takes a few steps to turn the driver seat around 180 degrees, including the steering wheel, multi-function armrest and all the control elements.
FENDT VARIOTRONIC

Varioterminal and implement control

Flat menu hierarchy and everything in view

Fendt has been consistently following the one-terminal strategy. The result is the unique integration of functions in just one terminal. Thanks to the flat menu hierarchy and the clutter-free display, operators can learn to use the Varioterminal quickly and always have everything in view. The high-resolution, glare-free screen in smartphone look and all function indicators automatically adapt to ambient light conditions. The anti-glare night mode makes night work no problem.

The Varioterminal 7”

Straightforward, intuitive and practical – the new Varioterminal 7” with LED backlighting unites all tractor and implement functions in one terminal. ISOBUS-capable implements can also be controlled directly with the Varioterminal. You will find your way around easily in the flat menu hierarchy and the clear display. Menu items are selected directly on the touchscreen or per click of a key, the surface is extremely scratch-proof and easy to clean.

A 4-in-1 terminal: the Varioterminal 10.4”

Tractor and implement controls, camera function as well as guidance and documentation are completely integrated in the Varioterminal 10.4”. The straightforward screen layout is practical and can display full-screen and half-screen modes as well as four individual images, each with a different function. The high-quality touch display made of scratch proof glass has a resolution of 800 x 600 pixels and 16 million colours for a sharp image, even in night mode. Touch operation reacts sensitively and quickly. Key operation is also available.

Perfect for all operations

For the Fendt Variotronic, the ISOBUS interface is the decisive link to the implements. Using Variotronic Implement Control, all devices that are compatible with ISO 11783 can be operated easily and quickly with the Varioterminal and, if supported, with the multi-function joystick as well.

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With Variotronic headland management, operators can create operating sequences for turns, while driving or standing still, and save them. Settings for the 4WD and differential lock engagement, the engine and transmission control, the hydraulic valves and the front and rear linkage, the front and rear PTO as well as the automated steering system along with their individual functions are made via the headland management system and can be called up easily.

4-way multi-function joystick with additional operating buttons for the 3rd and 4th auxiliary hydraulic control unit, cruise control and engine speed memory buttons as well as activation of the Variotronic headland management. It is also possible to assign up to 10 ISOBUS functions to it.
Variable application with VariableRateControl (VRC)

Data transfer with VarioDoc Pro now permits variable rate application, based on the needs of the soil or plants, and therefore saves operating inputs. Based on VarioDoc Pro for documentation, a new solution for precision farming, variable rate control function (VRC), is now available. Individual requirements for seeds, fertiliser and pesticides are visualised on application maps, called up during work and automatically executed. The big advantage: Operating inputs can be defined and planned with the aid of the field database and then applied with utmost precision.

From the field database to the application map

VariableRateControl (VRC) is based on the ISOBUS standard with the “TC-GEO” functionality. The application map is created with the aid of a compatible field management system and transferred to the Varioterminal via VarioDoc Pro. VariableRateControl allows 5 application maps to be worked parallel. Additionally, an as-applied map of the applied quantity is created for later checking. Tank management is available for large implements, which have several containers. It can define whether the containers are emptied parallel or in a specific sequence – if the implement supports this function.

Superior flexibility in terms of receivers

With the new version of Fendt VarioGuide, there are now two different receiver systems available, NovAtel® and Trimble®. Existing Trimble® RTK infrastructures on the farm, such as NTRIP, can continue to be used. A number of correction signals are supported, depending on the receiver, for example, EGNSS/WAAS or RangePoint RTX™, CenterPoint RTX™ and Ntrip. Should you lose your signal due to the terrain, VarioGuide continues to work reliably up to 20 minutes without a correction signal thanks to Trimble®-xFill™ technology.

Always on the ideal track

With Fendt VarioGuide you can drive reliably and accurately, even in areas with difficult reception conditions. Fendt VarioGuide permits the highest possible utilisation of your machines, because you can work without actively having to steer, even at night or with large working widths. With VarioGuide, the tractor automatically maintains the ideal line so that you can concentrate fully on the implement. Overlapping is reduced and, depending on the working procedure, savings of three to ten percent can be achieved. Depending on the application, you can work with two different accuracy levels: with deviations of approx. 20 cm (VarioGuide Standard) or with up to an accuracy of 2 cm (VarioGuide RTK).

FENDT VARIOTRONIC
Precise track, perfect application, greater yield.

With the fully automatic SectionControl for ISOBUS implements, you can apply seeds, fertilisers or pesticides without overlapping. This prevents double treatment and areas worked outside of the field boundaries. With the aid of the SectionControl assistant, you can set the correction values for each implement, quickly and easily. The switch on and off points can be set precisely from the very beginning, which automatically results in economical application.

When operating ISOBUS-capable sprayers, fertiliser spreaders or seed drills, SectionControl can now switch up to 36 sections.

Your benefit with the Fendt Variotronic: Your Fendt’s software is updated during servicing in the workshop, including new, additional features.

With VariableRateControl (VRC), you can farm according to site-specific application maps, depending on the ground and crops. So you can save on inputs.
DATA TRANSFER AND DOCUMENTATION

Connectivity that adds more value

Fendt VarioDoc Pro: real-time data monitoring
VarioDoc Pro also permits recording of GPS position data and data transfer in near real-time. Automatic, seamless exchange with ISOXML-compatible field management software and mapping in real-time is therefore possible. The data for the operating inputs that have been used are transferred according to the TC-Geo standard and can be viewed in the Varioterminal while working.

Efficient from tractor up to fleet
The operating strength of your fleet is optimised as soon as the machines are connected effectively to each other. The newest interfaces and software solutions already permit machine data to be called up independent of location today, which enables immediate reaction. This increases the reaction and operating times of your entire fleet at the push of a button.

Productivity at a glance with Fendt VarioDoc
Documentation is the most important basis for farm management for agricultural businesses. With VarioDoc, relevant data can be recorded with a minimum of effort, documented in the field record and then analysed, all in the shortest amount of time. The data is transferred wirelessly from the Varioterminal to the field database using the ISOBUS Standard TC-BAS. Data on the quantity of seeds and fertiliser applied or the fuel consumption per hectare is available immediately after the work is done. Additionally, jobs can be created in the PC and sent to the terminal.

AGCO’s all-encompassing electronics strategy FUSE™ provides seamless integration and networking of the entire fleet for farmers and contractors. Under the name Fuse Technologies™, AGCO and Fendt provide solutions for precision farming that reduce operating costs and make machine operations even more efficient and profitable.

VarioDoc enables wireless data transfer from the Varioterminal to the field database. VarioDoc Pro continually records position and machine data and data transfer is possible via mobile network.

The Variotronic Implement Control (ISOBUS) is perfectly integrated in the Varioterminal 7” and Varioterminal 10.4″. The implement is controlled with the terminal and joystick, an additional terminal is not required.
**PROVEN BEST PERFORMANCE**

**Tested efficiency.**

**Higher efficiency and performance**
A decision for a Fendt always means a decision for leading technology in any performance class. Fendt tractors allow professional farmers to achieve MORE from LESS – more output using less resources such as fuel, inputs or time. The 900 Vario achieves this with equipment options such as the VarioGuide guidance system, SectionControl or the VarioDoc documentation system. The outstanding fuel economy of a Fendt goes without saying.

**Invest in profitability**
Overall profitability distinguishes the entire product line of the premium brand Fendt. The efficiency of the products guarantees the best cost-effectiveness per hectare. In combination with the extremely high retention of value of a Fendt, you also get an unbeatable resale value at the end of your tractor’s service life. As a trendsetter, Fendt continually sets important new standards and installs technology that continues to be in demand in the future. Add to that the high quality, which stands for operational reliability and a long life. The total is a retention of value that only Fendt can offer you.

**Absolutely easy to operate**
Ideal diagnostic capabilities and long maintenance intervals ensure the tractor keeps on running. The remote transmission measuring points permit fast and simple diagnostics without having to disassemble the wheel. Failures can be analysed quickly through the fault codes in the instrument cluster. The separate oil supply means the transmission and hydraulic oil only needs to be changed every 2,000 hours under normal conditions. The Fendt 900 Vario has a number of factors that keep downtimes and maintenance costs low.

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**Well-balanced, with adequate ballast and the right tyre pressure, the Fendt 939 Vario proves to be a capable draft tractor.**

“With a diesel consumption of only 242 g/kWh and 10.7 g/kWh AdBlue, the Fendt 900 Vario is the most economical tractor compliant with Tier 4 Final up to now.”

Fendt 939 Vario in the DLG PowerMix, profi Issue 08/2015

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FENDT STARSERVICE: THE BEST SERVICES

For more from your investment.

100% quality, 100% service
To ensure that your Fendt 900 Vario delivers 100 percent performance at all times, we offer you 100 percent service. In addition to the best diagnostics capability and ease of repair, this includes availability of replacement parts 24/7 during the season. Furthermore, the Fendt Service network guarantees short paths between you and our trained Service staff. You also get a 12-month warranty on original Fendt parts and their installation. Repairs with original parts ensure that your Fendt tractor retains its value.

Performance and profitability under contract
A Fendt StarService contract gives you full cost control with the best service. The Fendt service package includes all the prescribed maintenance work based on attractive fixed prices. The ProService package includes regular maintenance and repairs in combination with an extended warranty of up to 6,000 total operating hours or up to five years.

Individual financing and rental models
Purchasing machinery is a high capital investment. Your Fendt dealer will assist you in working out a customised financing plan for your new machine together with the agricultural financing experts at AGCO Finance. If you have a short-term need for additional capacity or prefer long-term use without having to buy, your Fendt sales partner has the ideal rental offer for you.

Retention of value through the latest software version
Every time the tractor goes in for servicing, your Fendt dealer updates the entire tractor software. Then you can profit from new, additional features for your Fendt. That gives you access to new operating benefits as well as a proactive retention of value, since your Fendt is always kept up to date.

Fendt stands for high quality. To honour this promise, running quality control takes place during daily production. When your Fendt 900 Vario is delivered to your farmyard, it has already run through all the quality gates along the entire production line.

The Varioterminal informs you about the next maintenance and servicing dates, it even has a reminder function.

With the smartphone app “AGCO Parts Books to Go”, you can find and directly order Fendt replacement parts quickly and easily. The app is available through the App Store or the Google Play Store. Please contact your Fendt dealer for your personal access data.
Fendt Stability Control (FSC) provides additional stability and steering precision when driving above 20 km/h on the road. When the driving speed drops below 15 km/h, compensation between the left and right side is possible again, which guarantees the best ground contact.

**Driving Dynamics with Safety and Comfort**

Can do it faster. Does more.

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The hydropneumatic independent wheel suspension is fitted with a double wishbone axle, so each wheel is suspended individually, which ensures maximum comfort and the best traction. This prevents power hopping during heavy draft work. The fully automatic levelling control ensures that both sides have the same suspension travel with up to eight tonnes front axle load. Furthermore, the 300-mm suspension travel can be run through manually when standing still, e.g. for picking up a front weight without front linkage.

Maximum on-road and in-field driving safety

With the unique Fendt Stability Control FSC, you always have a safe feeling when driving, even in curves. At the same time, the practically maintenance-free braking system, comprising wet multi-disc brakes for the front and rear wheels, provides high driving safety and excellent deceleration. The intelligent brake light control activates the brake lights and warns the traffic behind you that you are decelerating, even when the brake pedal is not pressed.

**Does it safely**

Speed is a must for transport work – exactly the right thing for the new Fendt 900 Vario. It is optionally available with a top speed of 40, 50 or 60 km/h. And with this high-horsepower tractor, you will reach your destination safely: Equipped with the latest safety systems for tractors, such as ABS or the automated steering axle for the trailer with self-steering axle, driving the 900 Vario is now even safer.

**Does it safely**

ABS – for the highest level of braking safety

The ABS module measures the speed on each individual wheel using four speed sensors and compares these in the control unit. If the speed on one wheel is too slow when braking, e.g. due to different surfaces, the ABS automatically opens the corresponding brake to prevent the wheel from locking. Since the wheels on a tractor have different sizes on the front and rear axles and they have high torque of inertia through their weight, the ABS module also communicates with the tractor control unit: Whether on snow, ice or gravel, you can always rely on your Fendt tractor thanks to the excellent coordination between technology and software.

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In relation to the standard setting, with VarioActive one only needs approx. 60% fewer turns of the steering wheel for the same wheel angle. With VarioActive, you profit through the faster reaction of the steering during tight turning manoeuvres at the headlands. For reasons of safety, it can only be used from 0 – 25 km/h.

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The Fendt 900 Vario is equipped with an ABS anti-lock braking system. The tractor can be steered and controlled better, even when braking sharply on wet or loose surfaces.

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**Fendt 900 Vario**

Weighing in at 40 – 60 tonnes, the Fendt 900 Vario offers the ideal combination of power, comfort and economy. It is the perfect partner for professional tractor operations with very tight requirements on transport work and high-speed draft work.

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The key focus of the Fendt 900 Vario development was the new driveline. The Fendt Cummins engine is the heart of the tractor, and it has been designed for maximum efficiency and durability. The innovative differential axle and the latest hydropneumatic independent wheel suspension also contribute to the Fendt 900 Vario’s excellent roadholding and traction.

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MOUNTING AREAS AT THE FRONT AND REAR

Intelligent technology at the front and rear. Suitable for every application.

Has more interfaces
The Fendt 900 Vario offers more interfaces than any other tractor in its performance class: six electro-hydraulic double-acting valves at the rear plus two in the front, Power Beyond, ISOBUS connection and much more. Overall, the Fendt 900 Vario has 24 connections, which are practically located both at the front and rear. That guarantees versatile operations and trouble-free connection of all implements—for effective teamwork between the tractor and implement.

Powerful lift capacity
The electrohydraulic rear power lift, which has a maximum lift capacity of 11,800 daN, guarantees that even heavy rear-mounted implements for this power class can be lifted to the fullest height without trouble. A maximum lift capacity of up to 5,580 daN at the front permits the use of heavy front-mounted implements. The newly designed, cast front linkage is integrated in the structure of the tractor so that the coupling points are close to the vehicle.

Versatile coupling system
The Fendt 900 Vario delivers an excellent hydraulic capacity of 152 l/min and features valves with a flow volume of 140 l/min even in the standard variant. A fourth control unit can be optionally combined with 3/4” and 5/8” FFC couplings for a flow volume of up to 170 l/min. All hydraulic couplings are easy to operate and can also be coupled under pressure on both sides in the DCUP variant.

PTOs with economy function
The Fendt 900 Vario transmits power especially efficiently. Nominal PTO speeds are already reached at an engine speed below 2,000 rpm with excellent efficiency. With the external valve controls, you can actuate the rear linkage, one valve and the PTO directly on the rear mudguards. Using the external controls for the rear PTO, a preset engine speed can be targeted automatically.

The comfort front linkage on the Fendt 900 Vario has optional load relief control. It allows the weight of the implement to be transferred to the tractor. This is especially advantageous when working with a front mower or winter maintenance implements, because it reduces the load on the implement and increases steerability. The relief pressure can be adjusted in the Varioterminal.

The lower links on the rear linkage can be folded up into parking position, so that there is 15 cm more space for the drawbar of a trailer.

The direct force path from the engine to the PTO stub means the Fendt 900 Vario transmits power especially efficiently. Nominal PTO speeds are already reached at an engine speed below 2,000 rpm with excellent efficiency.

The interchangeable male couplings can be simply screwed into the coupling block and replaced as required for the implement to be used.

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FENDT X5 CAB

Comfortable seats and many practical aids.

The 960 Vario has been trimmed for an optimal overview. The bonnet has been kept as narrow as possible, so drivers have an excellent view to the wheel arches and front-mounted implements.

A special feature is the standard specification bonded windscreen. For even greater comfort and safety, a heated front windshield made of laminated safety glass is also available.

There are numerous sockets provided in the cab, including several 12V sockets, an ISOBUS socket and signal socket.

The comfort seat features air suspension and easy armrest adjustment.

The air-suspended super comfort seat Evolution dynamic Dualmotion is the absolute high-tech seat variant. Operators profit from the additional active suspension. The seat cover is available in either a black fabric or black, smooth leather in combination with a leather steering wheel.

The air-suspended super comfort seat Evolution dynamic Dualmotion has an adaptive backrest, seat heater, low frequency suspension, pneumatic lumbar support and adjustable armrest. The seat cover is available in either a black fabric or black, smooth leather in combination with a leather steering wheel.

The comfortable passenger seat with backrest and safety belt offers passengers safety and comfort for long work days.

Refreshments for a long work day find their place in the large external cool box. The cool box can also keep meals warm, if necessary.

Important papers, such as the operating manual, can be stored securely and well protected in the document case.

Fendt offers a clever solution for cables that run from the rear of the tractor into the cab. Cables can be guided through the lead-through, no matter what kind of cross section they have. The rear window can be closed, so dust, dirt, water and noise stay outside.

The 3-point cab suspension with air spring elements enables a fully vibration-minimised cab. The great difference in height and the long distance between the spring elements of the X5 cab also prevent bouncing and ensure maximum ride comfort.

The air-suspended super comfort seat Evolution active Dualmotion is the absolute high-tech seat variant. Operators profit from the additional active suspension. The seat cover is available in either a black fabric or black, smooth leather in combination with a leather steering wheel.

A bracket keeps mobile phones in their own fixed spot. The bracket can be adjusted to accommodate various phone models.

In a Fendt cab you will find many different storage spaces and compartments, so that everything has its place.

The comfort seat features air suspension and easy armrest adjustment.

The comfortable passenger seat with backrest and safety belt offers passengers safety and comfort for long work days.

Standard and optional equipment

Standard:  
Optional:  

30
The lighting design concept on the Fendt 900 Vario has been perfected and is state-of-the-art. The dipped and main beams have the latest Bi-LED lamps with headlamp levelling. The work lights and corner lights are also fitted with LED lamps. This permits precise control of the illumination and provides exceptional visibility to the implement and the wheel arches, even in the dark.

The interior lighting is perfectly designed for the important areas. Whether day or night, the most important operating elements are plausibly backlit. The intensity of the lighting is automatically adjusted via a light sensor, dependent on the light conditions.

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## Technical Specifications

### Engine

<table>
<thead>
<tr>
<th>Engine</th>
<th>Rated power</th>
<th>ECE R 120 kW/hp</th>
<th>Maximum power ECE R 120 kW/hp</th>
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</thead>
<tbody>
<tr>
<td>Fendt 900 Vario</td>
<td>280/275</td>
<td>249/265</td>
<td>247/266</td>
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</table>

### Transmission and PTO

<table>
<thead>
<tr>
<th>Transmission type</th>
<th>Speed range 1</th>
<th>Speed range 2</th>
<th>Speed range 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2-circuit brake)</td>
<td>202/275</td>
<td>190/230</td>
<td>180/220</td>
</tr>
<tr>
<td>(1-circuit brake)</td>
<td>190/230</td>
<td>170/210</td>
<td>160/200</td>
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</tbody>
</table>

### Power lift and hydraulics

<table>
<thead>
<tr>
<th>Power lift</th>
<th>Max. lift capacity of front power lift</th>
<th>Max. lift capacity of rear power lift</th>
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</thead>
<tbody>
<tr>
<td>1000/1000E</td>
<td>1000 daN</td>
<td>1500 daN</td>
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### Electrical features

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<thead>
<tr>
<th>Battery</th>
<th>Number</th>
<th>Capacity</th>
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</thead>
<tbody>
<tr>
<td>12V 100Ah</td>
<td>100 Ah</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Tyres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyres size (standard)</td>
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<tr>
<td>Tyres size (optional)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td>Front track width (standard tyne)</td>
</tr>
<tr>
<td>Rear track width (standard tyne)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unladen weight</td>
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</tbody>
</table>

Fendt.com

Here you will find everything online, from brochures to technical specifications, reports about customers or the company, up to the Fendt event calendar.

Fendt Configurator

With the Fendt Vehicle Configurator, you can choose from all the available equipment variations and put together the optimally equipped vehicle for your farm. The Fendt Configurator is available online at www.fendt.com, where you will find a quick link to it directly on the start page.

FAQ. EVERYTHING ABOUT FENDT.

What can we do for you?

What makes Fendt Service different?

For us, service means knowing and understanding your work in order to meet your demands for reliability and safety and to act in your economic interest. We stand behind our products and have developed them for the highest demands and long-term operation. Our service is the partnership aspect for your work.

What is the Fendt one-terminal concept?

On the one hand, only one terminal means: The operating interface is the same across the entire Fendt range and connects the entire fleet seamlessly, resulting in reduced operating costs and even more efficient and profitable machine operations. For us, service means knowing and understanding your work in order to meet your demands for reliability and safety and to act in your economic interest. We stand behind our products and have developed them for the highest demands and long-term operation. Our service is the partnership aspect for your work.

What is Fuse™?

Fuse™ Technologies provides ultra-modern precision farming solutions across all AGCO brands. It permits farmers and contractors to integrate and connect their entire fleet seamlessly, resulting in reduced operating costs and even more efficient and profitable machine operations.

Contact to Fendt.

fendt.com

Fendt around the clock – our Fendt Media Library makes it possible. Our internet TV provides you with news and information about Fendt 24/7.

Test drives

At fendt.com, you will find the USA Service and Sales, under “Fendt World”. Select the “tractor demonstration service”, then you can already register for a test drive with a tractor.

facebook.com/FendtGlobal

Over 200,000 fans have already friended Fendt on Facebook. Come have a look.
Leaders drive Fendt.

Fendt is a worldwide brand of AGCO.

All data regarding delivery, appearance, performance, dimensions and weight, fuel consumption and running costs of the vehicles correspond with the latest information available at the time of going to press. Changes may be made before the time of purchase. Your Fendt dealer will be pleased to supply you with up-to-date information. Vehicles are not shown with country-specific equipment.

www.fendt.com

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