Fendt 1000 Vario
500 hp for your daily masterpiece.  
Fendt 1000 Vario.

Big. Strong. Unique. A true masterpiece coupled with leading Fendt technology. Experience true strength, full traction, expert control and intelligent networking with the Fendt 1000 Vario.
The Number One for heavy draft work.

Fendt 1000 Vario harnesses its power. Its large tyres, intelligent ballasting and tyre pressure assistant as well as unique, variable four-wheel drive deliver the right amount of grip in any situation – along with outstanding manoeuvrability. And it is powerful for more than draft work.
Most powerful standard tractor with maximum modularity

The Fendt 1000 Vario occupies a new segment with its power output. Its design as a high-performance standard tractor brings together every advantage for operations in the field and on the road.

- New power segment 380 – 500 HP
- 14 t unladen weight at a permissible overall weight of up to 23 t*
- 60” (1,5 m) traceable**
- Fully road legal at 60 km/h*
- Optional rear PTO on 1000, 1000E and 1300
- Optional rear linkage
- All hitch systems in modular design
- Optional reverse drive control
- New generation of LED work lights

* Figure depends on country specific legal requirements.
** Depends on country variants.

Maximum performance 365 days a year

All components from engine to gearbox, through radiator and hydraulics, have been designed specifically for permanent power in demanding applications, and tailored to high power transfer with very low consumption. Of all its strengths, the Fendt 1000 Vario shines due to its excellent manoeuvrability and low tare weight with high payload. The newest software solutions and diversity of interfaces pave the way for connected services, which boost operational efficiency through fast data analyses and maintenance options while still working in the field.

So that daily work becomes a masterpiece.
FENDT iD LOW ENGINE SPEED CONCEPT

High power –
low fuel consumption
Fendt iD.

Low engine speed concept Fendt iD
The Fendt 1000 Vario always runs within the maximum torque range for the lowest specific fuel consumption, which means that high power is already delivered at low engine speeds. “High torque, low engine speed” is the system according to which all vehicle components such as engine, gearbox, fan, hydraulics and all auxiliary units are tailored to suit the ideal engine speed.

High torque – low fuel consumption
The Fendt iD low engine speed concept results in permanently low fuel consumption and an extended service life. The speed band of the Fendt 1000 Vario ranges from 650 rpm to 1700 rpm. In the main working range, the speeds range from 1100 to 1500 rpm, which is gentle on the components and lowers consumption. The engine of the Fendt 1050 Vario already delivers an impressive 2400 Nm of torque at 1100 rpm.

The way Fendt iD works
The entire drive technology of the Fendt 1000 Vario is exceptionally efficient. The high-capacity engines with VTG turbocharger unfold their enormous power potential efficiently at low engine speeds. Transmission and variable four-wheel drive ensure ideal power distribution within the optimal consumption range. The Concentric Air System (CAS) cooling concept with forced-draft high-performance fan cools all heat exchangers according to needs and further increases overall efficiency. All consumers, such as the air-conditioning, air compressor or alternator, are coordinated for low wear through low engine speeds.
THE ENGINE ON THE FENDT 1000 VARIO

A master of heavy draft work.

380 to 500 hp
It is powered by the highly efficient MAN six-cylinder engine. With 12.4 litre cubic capacity, it already has a high torque in the low engine speed range. On the Fendt 1050 Vario, the maximum torque of 2,400 Nm is already available at 1100 rpm – perfect for heavy draft work. This fast high-horsepower tractor reaches its top speed of 60 km/h at only 1450 rpm, 40 km/h at a fuel-saving 950 rpm.

Turbo efficiency
The engine, tried and tested many times in the truck segment, has been tailored to heavy loads based on the load spectrum in heavy field work. The charging is done through the VTG turbocharger and results in high torques already at low engine speeds. Low engine noise level and exhaust brake via the VTG, which is gentle on the brakes and minimises wear.

Unique cooling system
Efficient cooling when hot, provided by the specially developed fan and the Concentric Air System (CAS) cooling concept. Here, a new, forced-draft high-performance fan is positioned in front of the cooler unit, where it sucks in cool dense air, accelerates it via the concentric hood and pushes it through the cooler. The CAS has its own hydrostatic drive, so it can always deliver ideal cooling power to each component according to need, independent of the engine speed. The fan is tilted upwards, which prevents harvesting residue from being sucked up from the ground.

Economical, low-emission, environmentally friendly
The SCR technology reduces nitrogen oxides highly efficiently in combination with the external, cooled EGRex exhaust gas recirculation. The Fendt 1000 Vario complies with the latest emissions standard EU Stage 4/Tier 4 final with SCR exhaust technology without diesel oxidation catalyst (DOC) or diesel particulate filter (DPF). The Fendt 1000 Vario is especially economical through its efficient use of fuel and the requirement-based control of the AdBlue injection system.

Through the reduction in fan speeds, as well as precision manufacturing with small gap tolerances, the CAS achieves high cooling capacity with an especially low noise level.

The cooling water level and the degree of air filter contamination are shown in the Varioterminal.

10

The 12.4 l MAN engine with common rail attains high injection pressure of 1800 bar and is therefore very efficient.

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 speed is equivalent to the maximum power.

Engine characteristics – Fendt 1000 Vario
FENDT VARIO DRIVE – THE NEW DRIVE TRAIN

Drives your success – at full power.

From Vario to VarioDrive
The Fendt Vario stands for stepless, dynamic driving with plenty of engine power at any speed from 0.02 km/h to 60 km/h. The new Fendt 1000 drive has been specifically developed with the aim of transmitting high engine horsepower in any situation, regardless of ground conditions, and therefore keeping the engine speeds very low. The solution: Fendt VarioDrive – the drive train that drives both axles independently for the first time.

Variable 4WD gives you 500 HP
Conventional four-wheel drives usually have a fixed torque ratio between the front and rear axle. Fendt VarioDrive enables a variable four-wheel drive. The torque is essentially distributed to both axles via two gearbox outputs. Thanks to the intelligently-controlled 4WD clutch, torque displacement takes place when required between the axles. This is called Fendt Torque Distribution.

Meisterwerk with grip
During field operations, torque is transferred flexibly to the axle. The result is tremendous pulling power. As the speed increases, a clutch completely decouples the front axle drive at approx. 25 km/h – this eliminates drag losses in the drive train and increases efficiency.

Tightest turning circle thanks to pull-in turn
As there is no fixed forward ratio due to the variable 4WD, the front wheel drive is able to actively pull the tractor into the turn – the “pull-in turn” effect.

The turning circle in the field is reduced by up to 10% by this effect alone. VarioDrive minimises the otherwise usual tyre wear on the front tyres that is caused by cornering on firm substrates.

New, larger high-capacity hydromats with 370 cm³ ensure very high transmission efficiency. The separate oil supply protects the gearbox against oil mixing and contamination.

All functions are arranged simply and straightforward on the backlit membrane keypad according to the tried and tested Fendt operating logic.

Small turning radius thanks to ‘pull-in-turn’ effect, e.g. 6.97 m for the Fendt 1038 Vario with standard tyres.

Experience the new Fendt 1000 Vario drive train digitally now. Load the Fendt News App onto your smartphone and scan the Fendt VarioDrive icon with our AR scanner. You will find the Fendt News app in your App Store.

www.fendt.com/VarioDrive
THE HYDRAULICS FOR THE FENDT 1000 VARIO

Everything flows.

Twice as strong
Alongside load-sensing pumps with 165 l/min or 220 l/min pump capacity, the Fendt 1000 Vario has high-performance hydraulics with 430 l/min – for the toughest of requirements. One pump delivers 220 l via two separate circuits, and a second pump 210 l.

Two control pumps therefore supply several oil separators – controlled by up to six da valves in the rear and a da valve in front. Separation of the oil supply to the hydraulics and gearbox means that the 1000 Vario is ideal for use of bio-based oil in hydraulic circuits.

Oil flow according to need
Both control pumps supply the respective separator via its own oil circuit with the ideal quantity of oil and the right oil pressure. For example, the fan of a pneumatic sowing machine requires a high flow rate, but low pressure, while the remaining consumers, such as steering, power lift, chassis or markers, also require high oil pressure at a low flow rate on the second circuit.

Versatile coupling system
The Fendt 1000 Vario already delivers a high hydraulic capacity of 165 l/min and 140 l/min in the basic configuration. The flexible coupling housing permits operations with different coupling sizes: \( \frac{1}{2}^\circ \), \( \frac{3}{4}^\circ \) and \( \frac{5}{8}^\circ \) FFC (Flat Face Coupling). The third and fourth control unit in combination with \( \frac{1}{4}^\circ \) and \( \frac{5}{8}^\circ \) FFC couplings, can be supplied with a flow rate of up to 170 l/min. All connections can be coupled smoothly and on both sides under pressure (DUDK).

Coupling system with many advantages
On the one hand, the flexible system enables fast machine changes independent of coupling size. On the other, the fleet can be gradually converted to larger valves. In addition, all the advantages of the flat-face FFC couplings are available: a large diameter of ‘\( \pi \)’ for more flow, leak-free coupling, greater efficiency thanks to fewer pressure drops, easy cleaning, and a longer lifetime due to less dirt getting into the coupling. All valves have a breakaway function without pressure loss.

The benefits of dual-circuit high-capacity hydraulics
The benefits of dual-circuit high-capacity hydraulics are clear – effective fuel savings since throttle losses on the pressure limiting valve, and the unnecessary oil heating associated with it, have been reduced. Two valves can be prioritised for the dual-circuit high-capacity hydraulics.
FENDT LIFE CAB

Comfort leads to success.

The first impression counts, the second makes the difference.
The perfect combination of state-of-the-art controls and comfort is called Fendt Life Cab. The Fendt 1000 Vario cab impresses even on first glance, for the newly designed Life cab combines the ultimate in quality materials with the tried and tested arrangement and practicality of all elements. The revamped space and visibility is enhanced by a number of small details, which turns the everyday routine into a virtual pleasure.

New visibility range
The Fendt 1000 Vario tows the largest and widest implements, which the operator has in full view through the large windows. The new design of the cab offers up to 10% more visible area than the previous Fendt high-horsepower tractor cabs. The manual roller shades integrated in the roof on the front, rear and right side window, offer sun protection. Free visibility, even when it rains: In addition to the 300° wiper for the front, a 220° wiper including spray nozzle is now available for the right side.

Practically indispensible ...
... many new ideas for order and overview. Several large bottles can be secured in the Life Cab as well as phones and documents. The cooled storage compartment can be supplemented with a large, removable cool box. When the comfort passenger seat is folded down, it is transformed into a table with clips for papers. The reversing driver station is ideal for milling or chopping operations, where the entire driver station, including all operating elements are simply turned 180°, quickly and easily.

The wide-angle mirrors can be moved freely and extend the viewing angle towards the back.
The front and rear windows are heated, which is a big advantage when operating with the reversing driver station.
Precise sun protection with one hand movement, also on the right-hand side window.

You can make hands-free phone calls in the Fendt 1000 Vario, and in best quality: The flexible swan neck microphone keeps both hands free and the acoustics are perfect.

Fendt VarioDoc brings your office on board: All work data are available in the field record in near real-time.
VARIOTRONIC IN THE FENDT 1000 VARIO

New paths for a higher yield: Precision farming.

Uniquely flexible choice of receivers
The VarioGuide steering system ensures optimum work results and maximum comfort. With the NovAtel receiver, you are always on the right track with the SBAS, TerraStar-L & C and RTK correction signals. If you go for a Trimble® receiver, you can use SBAS, RangePoint™ RTX™, CenterPoint RTX™ and RTK. Should you lose your RTK signal due to the terrain, VarioGuide continues to work reliably up to 20 minutes without a correction signal thanks to Trimble®-xFill™ technology or NovAtel® RTK Assist.

SectionControl guarantees that there is no overlapping
With the fully automatic SectionControl, you can always plant seeds, spread fertiliser or apply pesticides precisely in the right spot. This prevents double treatment and distances are automatically maintained. The switch on and off points can be set precisely from the very beginning, which automatically results in economical application.

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, the VariableRateControl solution for precision farming is now available. The individual requirements for seeds, fertiliser and pesticides are shown on application maps. They are then called up during operation 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.

New waylines with Fendt Contour Assistant
Fendt machines with the Varioterminal 10.4 and VarioGuide system with the NovAtel® or Trimble® receivers can now use the Fendt Contour Assistant. This adds the “Contour segments” and “Single track” types to the familiar VarioGuide wayline types, and helps you to work even more efficiently and comfortably. The different segments are recorded by just a single lap around the field using the contour segments wayline type. Field boundaries can therefore be quickly and easily established. In the case of a single track, all tramlines are created as virtually endless contours by leaving the track.

Thanks to ergonomic control clusters – consisting of 4-in-1 Varioterminal, multi-function joystick, crossgate lever, EHR power lift, valve control and membrane keypad – you’ve got everything under control.

The data from the field is saved in the field database by VarioDoc. VarioDoc Pro also permits recording of GPS position data and data transfer in near real-time.
QUALITY STANDARD AND RETENTION OF VALUE

Perfect outlook.

**Lifelong benefits**
Enjoy a lifetime of benefits as a Fendt customer. This starts when you buy your Variotronic machine and simply continues throughout your machine’s service life, as we make newly developed functions available to existing machines of current and older model years (provided their hardware is compatible) rather than restrict them to future models. Maintain high levels of reliability, efficiency and operating comfort throughout your machine’s life. This ensures maximum performance capacity and proactive value retention.

**From update to upgrade**
With Fendt Variotronic, you can enjoy state-of-the-art technology even after many years. Adding more functions later is no problem. How can I do that? With the unique software updates with new additional functions, which Fendt provides twice a year, free of charge. The easier way of updating your Variotronic is to have it updated by your dealer during a maintenance interval (dealer charges for labour). This ensures that your Fendt machine is technologically advanced, that it maintains its value, and provides return on investment in the future just like the first day you bought it.

**Fendt Certified - Pre-owned machine programme**
Leaders drive Fendt - even if it’s second-hand agricultural machinery. Used agricultural machinery to tried and tested high-quality standards and certified Fendt quality is the ideal solution for cost-conscious farmers or as an addition to a growing fleet.

**Fendt Certified offers a whole host of benefits:**
- Certification according to the highest quality standards
- Extensive incoming check (technology, wear, appearance)
- Careful maintenance of wearing parts
- If required, replace, clean and paint components
- One-year warranty (option to extend)
- Services at fixed hourly rates
- Replacement at current value in the event of a claim

The Varioterminal informs you about the next maintenance and servicing dates, it even has a reminder function.
100% quality, 100% service Fendt Services

To ensure that your Fendt 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 harvesting season. The Fendt service network also guarantees fast lines of communication between you and our trained service employees. Fendt original parts and their fitment come with a 12-month warranty. Repairs using original parts ensures your Fendt tractor retains its value.

Performance and profitability under contract

The Fendt Service packages give you complete cost control with exceptional service. The packages cover all specified maintenance work, based on attractive fixed rates. The various Fendt Care levels include regular maintenance and servicing combined with an extended warranty for up to 8,000 operating hours or 8 years in total. From the maintenance agreement to the comprehensive package including replacement machine, you’ll find a flexible and tailored solution for your fleet at Fendt.

Individual finance and rental models

Investing in technology means a considerable capital outlay. A credit finance agreement from AGCO Finance offers attractive conditions and flexible terms. From the initial down payment to monthly installments to the payment term – you set the general terms on which to finance your Fendt. If you need additional capacity in a hurry or want to use tractors over a long-term period without purchasing them, your Fendt dealer can offer the ideal solution with tailored rental packages. These packages help you adapt your fleet to your current workload.

Fendt Expert operator training

Fendt brings you not only the latest technology, but also helps you get maximum value from your vehicle. With the help of the exclusive operator training programme, you can optimise the efficiency of your Fendt even further, and get to know all the functions which make your daily routine that much easier. Our team of professional trainers will advise you on how to use the full potential of your Fendt vehicle.

Fendt has set new extended warranty premiums to offer an even more comprehensive product to cover the reliability and repair risk of new machines.

Fendt Care packages

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<tr>
<th>Coverage</th>
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<th>Wheeled tractors</th>
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<tbody>
<tr>
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<td>Repair risk</td>
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<td>Replacement machine</td>
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* Valid in Germany, Great Britain and France. Platinum only available at participating dealers.

In order to keep your machine ready for action at any time, we offer a tailored maintenance and repair service beyond the statutory warranty. Fendt ProService offers you flexible policy periods depending on the machine type, and flexible premiums with and without excess. This gives you complete cost control, planning certainty and retains the value of your machine.

Your Fendt dealers are always there when you need them, and have just one aim – to make sure your Fendt machines are ready for action at any time. If something does go wrong during harvest time, simply call your certified service center 24/7 on the emergency hotline.

Using the smartphone “AGCO Parts Books to go”, you can find Fendt spare parts quickly and easily and order them directly. The app is available for download in the app store or in Google Play Store. Your personal access data is available from your Fendt dealer.

FENDT SERVICES

Rest assured that your machine will be ready for action tomorrow.

Fendt Services

Max. hours | 8,000
Max. years | 1 + 7
Cover (except wear) | null cover

[Image: Smartphone showing the “AGCO Parts Books to go” app with text overlay: “Using the smartphone “AGCO Parts Books to go”, you can find Fendt spare parts quickly and easily and order them directly. The app is available for download in the app store or in Google Play Store. Your personal access data is available from your Fendt dealer.”]
The success factor for grip.

Fendt VarioDrive – a Meister of power distribution
The novel design of the drive train allows the ideal torque distribution to front and rear wheels for optimal traction and tractive power. The drive train is based on a hydraulic pump and two hydro motors. The first hydro motor supplies the rear axle with uninterrupted torque via hydrostatic-mechanical power splitting from 0 km/h to 60 km/h. The second hydraulic motor serves the front axle. Through feedback to the rear axle, from the ground or through the intelligently controlled four-wheel clutch, the front axle drive also becomes part of the hydrostatic-mechanical power splitting.

Power distribution through Fendt Torque Distribution
The flexible torque distribution of the variable four-wheel drive is achieved through a T-piece, which is located between the hydraulic pump and the hydraulic motors for the front and rear axles. It acts as a hydrostatic differential between the axles and permits the oil flow between the pump and hydraulic motor to be adjusted freely. As a result, there is no tension. If needed, torque can be automatically shifted from one axle to the other via the intelligently controlled four-wheel clutch.

Fendt VarioGrip for the perfect tyre pressure
Due to their large diameter of up to 2.35 metres, the rear tyres on the Fendt 1000 Vario have a very large contact area, which has a positive impact on traction and therefore tractive power. With the integrated tyre pressure regulation system Fendt VarioGrip, the tyre pressure can be adjusted with a click in the Varioterminal. Air can be added or released while driving. Compared to operations with unadjusted tyre pressure, you can achieve up to 10% more pulling power and cover up to 8% more area with up to 8% lower fuel consumption.* VarioGrip is available for flange and bar axles, and forms the basis for tyre pressure adjustment at the touch of a button, even with dual tyres.

Perfecly ballasted with the Fendt Grip Assistant
Besides the tyre pressure, the ballasting and working speed are also decisive for power transfer to the ground. The new solution is called: Fendt Grip Assistant. With the Assistant, which is fully integrated in the Varioterminal, the right tyre pressure and optimal ballast weight or driving speed can be determined quickly. Depending on the implement or given ballasting situation of the tractor, the Grip Assistant recommends either front and wheel weights, or the optimal working speed.

Front axle suspension
The self-levelling independent wheel suspension on the Fendt 1000 Vario guarantees optimal ground contact of the front wheels under all conditions, and reliably prevents power-hopping for the ultimate in pulling power. Ride comfort and safety are also maintained when transporting at up to 60 km/h. The long suspension travel maintains ride comfort independent of the load. Operators can travel through the suspension manually, for example, when picking up weight without a front lift with the comfort ballast pick-up feature. A further benefit: The single wheel suspension is maintenance-free.

Fendt 1000 Vario Design Concept

*Test results from South Westphalia University of Applied Sciences, Faculty of Agriculture, Gütersloh.
ADDED VALUE THROUGH ASSISTANCE SYSTEMS

Assistants for reliability.

Engine-gearbox assistants
The Tractor Management System (TMS) automatically adjusts for the ideal engine and transmission coordination. The TMS controls the engine speed and transmission setting automatically, independent of the speed, so that the tractor is always moving at maximum efficiency, thus saving fuel. The engine load reduction is controlled by the automatic maximum output control 2.0, depending on implement operation.

Braking assistants
A highlight you wouldn’t want to miss: In the automatic setting, the new Handbrake Assistant automatically activates the handbrake when you climb out of the cab or turn off the engine. And vice versa, the assistant automatically deactivates the handbrake when starting off. If you stop and take your foot off the brake pedal, the tractor stays standing safely, even on slopes. The Deceleration Assistant, which automatically actuates the brake lights when decelerating more than 1 m/s², even before actively braking, provides additional safety when braking. This provides an early warning for traffic following the tractor.

Driver assistance
Driving safety matters, on the road and in the field. The unique Fendt Stability Control (FSC) provides additional stability and steering precision when driving above 20 km/h on the road. When coming out of a turn, the Fendt Reaction steering system automatically switches to straight-ahead driving. The VarioActive superimposed steering system facilitates steering: a single turn of the steering wheel is enough for a full steering angle.

With VarioActive, you already go through the full steering angle with just one turn of the steering wheel. Thanks to the TMS tractor management system and the automatic maximum load control 2.0, the tractor adapts the engine speed optimally to the road speed.
**LIGHTING**

Fendt 1000 Vario ensures top performance at night with the new generation of LED work lights with 61,100 lumen. Whether equipped with LED or Halogen lamps, the complete working area is uniformly lit. The variants without daylight running lights and work light retain an attractive appearance through designer trim.

**FENDT**

The headland range can be set manually with the rotary control in the roof liner.

LED daytime running lamps and work lights integrated in the front of the bonnet including bonnet camera.

The variants without daylight running lights and work light retain an attractive appearance through designer trim.

For enhanced operating comfort, the cockpit swings parallel with the steering wheel. Easy steering wheel adjustment via a separate foot pedal, hands-free for adjustment.

**CAB**

The new Fendt 1000 Vario has a third brake light for greater safety on the road.

The entrance step lighting integrated on the side of the tank guarantees safe entering and exiting the cab.

The super comfort seat Evolution dynamic has air suspension and active climate control as well as a headrest extension.

Where operating in reverse drive mode, all control elements can be operated just as comfortably as in front drive mode. The entire driver station is simply turned around 180° – and everything else in the cab can remain where it is. Despite the reversing driver station, passengers do not have to do without the comfort seat.

For enhanced operating comfort, the cockpit swings parallel with the steering wheel. Easy steering wheel adjustment via a separate foot pedal, hands-free for adjustment.

With the coming home function, the main lights and the lights on the steps continue to shine after the engine has been turned off so that the way home, as well as the steps, are illuminated.

With the coming home feature, the cab and driving lights continue to shine after the tractor has been turned off.

The new black leather version of the Fendt Evolution Dual Motion comfort seat active with active suspension is especially classy and dirt-resistant – and always comes with a comfort instructor seat in leather.

The ambient lighting creates a pleasant atmosphere when working at night. All functional elements have backlighting.

The comfort passenger seat is ergonomically formed and has additional cushioning. Folded down, it turns into a practical table with a clamp for papers.

With the aid of the interior rear view mirror, you always have your implement in view.

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The 220° side window wiper also guarantees an optimal view to the right side, even in adverse conditions.

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Like every Fendt, the Fendt 1000 Vario also makes the working day easier through small, practical details like the automatic blinker reset: the tractor blinks automatically until the turn has been completed.

The integral cable lead-through permits clean cable routing with closed rear window, protects against dirt, water and noise. No cable spaghetti: All cables are fixed in the cable guide in the C-pillar.

In the Profi configuration, all controls for the tractor are integrated in the multifunction armrest, which is attached to the seat: Varioterminal 10.4"; multi-function joystick with operating buttons for the 3rd and 4th Auxiliary control unit and Variotronic® headland management, cross control keys and engine speed; crossgate lever for the 1st and 2nd Additional control unit; EPC control module for rear power lift, PTO. Varioterminal 10.4" in smartphone look and real glass surface delivers a bright image with 800 x 600 pixels and 16 million colours. You can control all the tractor and implement functions with the touchscreen or keys. Furthermore, it has two camera inputs, a quarter and full-screen view and is backlit by LEDs in day and night mode.

The multi-function armrest is a power configuration: Varioterminal 10.4", power joystick with Variotronic® headland management, main control keys and engine speed, EPC operating module for rear power lift, PTO, the Varioterminal 7". A screwed-in cable lead-through with real glass surface offers an excellent overview of all functions, intuitive menu navigation, touch and key control, as well as ISOBUS implement control.

The Life Cab is a Meisterwerk in terms of storage options: Up to 18 storage points, from a bottle holder for several large bottles, to a large storage compartment in the roof liner, up to the cooling compartment and several document compartments behind the driver seat and on the sides.

The 4-fold bearing, pneumatic comfort cab suspension with integral level control reduces vibrations to a minimum. The mechanical cab suspension rests on two conical bearings at the front and on two mechanical spring elements at the rear.

The integral cable lead-through permits clean cable routing with closed rear window, protects against dirt, water and noise. All cables are fixed in the cable guide in the C-pillar.

Like every Fendt, the Fendt 1000 Vario also makes the working day easier through small, practical details like the automatic blinker reset: the tractor blinks automatically until the turn has been completed.

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**ACCESSIBILITY AND BOTTOM HITCHES**

The cab is clearly visible. The driver seats (super comfort seat Evolution) have a practical connection for a compressed air hose, which can be used to clean the cab.

The cab filter is easily accessible in the clear area and can be easily cleaned when necessary.

**FENDT 1000 VARIO**

**Equipment variants.**

<table>
<thead>
<tr>
<th>PowerPlus</th>
<th>Profi</th>
<th>Pro</th>
<th>ProfiPlus</th>
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</thead>
<tbody>
<tr>
<td>Chassis</td>
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<tr>
<td>FCS Front Stabilization Control</td>
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<tr>
<td>Single wheel suspension front axle</td>
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<tr>
<td>Pneumatic high-speed dual-circuit braking system 1 pedal</td>
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<td>Electro-pneumatic handbrake</td>
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<td>Electro-pneumatic handbrake (handbrake assist)</td>
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<td>Automatic trailer steering axle lock</td>
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<td>Variable from pressure regulation system</td>
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<tr>
<td>Grip handbrake</td>
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<tr>
<td>4WD</td>
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<tr>
<td>Rear / front differential with 100% clutch locking and steering angle sensors</td>
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<tr>
<td>Power lift</td>
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<td>Tractive power and engine speed control</td>
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<td>Comfort front power lift, with external control (separate valve)</td>
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<td>Comfort front power lift, with push button control, external controls</td>
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<tr>
<td>Electrohydraulics power lift (OPE) with external controls</td>
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<td>Lower link ball joint cat. 4</td>
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<td>PTO</td>
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<td>Rear: Flanged PTO 3/0.8/0.8/0.8/3.0</td>
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<td>External controls for rear PTO</td>
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<tr>
<td>Hydraulics</td>
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<tr>
<td>External control for hydraulic control unit at rear</td>
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<tr>
<td>Load sensing system with axial piston pump (195 l/min)</td>
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<td>Load sensing system with axial piston pump (200 l/min)</td>
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<td>Load sensing system with 2 axial piston pumps (220 + 225 l/min)</td>
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<td>Hydraulic power beyond connectors</td>
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<td>Drive motor</td>
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<td>Unpressurized rear return flow</td>
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<td>Return rear</td>
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<tr>
<td>Additional equipment</td>
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<tr>
<td>Automatic trailer steering with remote control, rear</td>
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<tr>
<td>Ball coupling, height adjustable</td>
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<tr>
<td>Ball coupling, low, in the bottom hitch</td>
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<tr>
<td>Hitch</td>
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<td>Chassis</td>
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<tr>
<td>FCS Flat-pivot rear hydraulic coupling</td>
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<td>Double control, aided pressure from couplings rear</td>
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<td>Ball hydraulic oil</td>
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<tr>
<td>Standard and optional equipment</td>
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<td>Standard:</td>
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<td>Profi:</td>
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<td>ProfiPlus:</td>
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</table>
1038 Vario
1042 Vario
1046 Vario
1050 Vario

Engine
Rated power ECE R 120
Kw/hp 191/155 138/115 135/115 180/135
Rated power ECE R 120, 1000 rpm to 1700 rpm
Kw/hp 193/159 138/115 135/115 180/135


Max. torque at 1100 - 1300 rpm
Nm 1910 2108 2315 1710

Compression
% 5 11 11 11

Fuel level
Ltr 808.0 808.0 800.0 800.0

Air filter tank
Ltr 85.0 85.0 85.0 85.0

Constant power range
Kw/hp 120/60 120/60 120/60 120/60

Transmission and PTO
Transmission type
Variable flow pump
Flow range forward
L/min 16,400 18,400 18,400 18,400

Power lift and hydraulics
Variable flow pump
Flow rate standard
L/min 175 175 175 175

Max. max. (front control) / Power Plus
Cylinders
Number 1.5/3 1.5/3 1.5/3 1.5/3

Max. lift capacity of front power lift
Dkl 1200 1200 1200 1200

Max. lift capacity of rear power lift
Dkl 5584 5584 5584 5584

Tyres
Front tyres (standard)
35/14/20 35/14/20 35/14/20 35/14/20

Dimensions
Front track width (standard tyres)
mm 2100 2100 2100 2100

Max. permissible overall weight up to 45 t
kg 14000.0 14000.0 14000.0 14000.0

Max. permissible overall weight up to 65 t country-specific received approval required
kg 23500.0 23500.0 23500.0 23500.0

Max. permissible overall weight up to 95 t country-specific received approval required
kg 25500.0 25500.0 25500.0 25500.0

Max. permissible total weight
kg 30500.0 30500.0 30500.0 30500.0

Max. permissible overall weight up to 125 t
kg 3570.0 3570.0 3570.0 3570.0

Max. permissible overall weight up to 150 t
kg 3950.0 3950.0 3950.0 3950.0

FAQ, EVERYTHING ABOUT FENDT

What is 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 to 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? Just one terminal means: Whether vehicle control, SBOSS’s implement control, automated guidance via VariantGuide, documentation with VariantDoc, camera functions or various help functions – at Fendt everything is done easily using a terminal, the Fendt Varioterminal. Only one terminal also means that at Fendt, control is consistent and logical. Regardless of whether you drive a Fendt Varioterminal or a Fendt Komforter, you will see that you’ll find your way around immediately and will feel at home on all Fendt machines.

Can I update VarioTronic? Fendt VarioTronic can be updated. So that you always have the latest technology in your Fendt and the future on your terminal. Contact your Fendt dealer for details.

What is Fendt Expert? Become a Fendt professional with the Fendt Expert operator training. Are you already familiar with all the functions that the technology has to offer? Use the technology in your Fendt Varioterminal and learn how to make best use of all functions with Fendt Expert. Our team of professional trainers will advise you on how to get the full potential of your Fendt tractor. Contact your dealer for details and register today.

What is Fuse™? Fuse™ Technology provides ultra-modern precision solutions for agriculture 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. www.agrotechnologies.com

Contact to Fendt.

Follow us on Facebook and Instagram to get our latest updates and offers.

Fendt.com Find everything online – from brochures to technical specifications, from reports about customers on our company to our 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.

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

Test drives Visit fendt.com and go to the “Service and Sales” section under “Fendt Welt”. Select the “test drive section” and then you can already register for a test drive with a tractor.

Fendt World Fan? Fascinating articles on Fendt are waiting for you on facebook.com/FendtGlobal and the future of Fendt and the future of Fendt. Contact your Fendt dealer for details.

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Leaders drive Fendt!