Fendt 900 Vario
Can do more. 
Does it better.

Since 1995, the tractor market for large farms and contractors has been headed by the Fendt 900 Vario. With maximum power of 396 HP, the Fendt 900 Vario can simply do more, and do it much better thanks to smart technology. Benefit from the leading high-horsepower tractor and invest in the Fendt 900 Vario.
Professional enterprises clearly prefer Fendt. Enjoy the benefit of accumulated expertise in the Fendt 900 Vario when it comes to powertrain function, electronics, efficiency and durability. Thanks to its sturdy lightweight construction, exceptional high payload, and unique technologies, the high-power tractor can do more, and can do it better.

Show greatness.
Have greatness.
Can do more
When it comes to high-horsepower tractors, power and efficiency, and comfort and safety hold the key.

- x5 cab with 3.5 m² 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
- Tyre pressure regulation system Fendt VarioGrip
- ABS anti-lock braking system
- Automatic radiator cleaning with reversible fan
- Self-leveling independent wheel suspension on front axle with locking function
- Tractor management system (TMS) with automatic limit load 2.0
- Fendt VarioGuide automated steering system
- Automatic section control with SectionControl Assistant
- VariableRateControl (VRC)

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 level during the ride. With the right tyre pressure in the field, the farmer works up to 8% more land with the cultivator, and makes an additional diesel saving of 8%*. 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)

Fendt 900 Vario. Constantly achieve more.
STRONG ALL OVER FOR HIGHER PERFORMANCE
Pulls more.

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.

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. These 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.

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. It also considerably reduces soil compaction to keep 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.

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.

* in-house measurement

The integral tyre pressure regulation system VarioGrip adapts the tyre pressure within the shortest amount of time – even while driving. This is accomplished via the integral rotary union, which is designed to last the lifetime of the tractor. Air is supplied via a water-cooled double-compressor as well as the vehicle’s own valve equipment.
ENGINE AND EXHAUST TECHNOLOGY

Constantly achieve more.

More dynamics thanks to twin turbocharger
Fendt 900 Vario provides enormous power and dynamic acceleration with a maximum power of up to 396 hp. With two turbo loaders and Common Rail high-pressure injection the 7.8-litre Deutz engine provides immense tractive 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. This means 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 smart 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. Exhaust after-treatment is a combination of SCR technology, the maintenance-free, self-regenerating passive diesel particulate filter and the AGRex exhaust gas recirculation.

Torque
Nm
1600
1550
1500
1450
1400
1350
1300
1250
1200
1150
rpm 1000 1200 1400 1600 1800 2000 2200

Engine characteristics – Fendt 939 Vario
The well-rounded torque curve provides more power 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 reversible fan can reverse the air stream automatically – now as a headland management sequence – so the cooler elements are effectively blown clean. What’s special: Depending on the cooling requirements, the position of the fan blades is adjusted to increase the cooling efficiency. That saves fuel.

The high-grade solution for extremely low operating costs: the combination of external exhaust gas recirculation (AGRex), passive diesel particulate filter (CSF) and SCR technology.
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
The smart pre-settings makes work easy. 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, to 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 types of work, such as transport, heavy-duty pulling 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 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.
FENDT X5 CAB

Details that are a pleasure.

More space. More visibility. More ergonomics
The 900 Vario offers you a workplace with plenty of free space. From the driver’s 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 windows – a truly 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.

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.

The automatic climate control in the x5 cab ensures pleasant temperatures inside the cab. 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 rotate the driver seat 180°, including the steering wheel, multi-function armrest and all the control elements.

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.

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 automatic 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.
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 convenient – the new Varioterminal 7" with LED backlighting bring all the tractor and implement functions in one terminal. ISOBUS-capable implements can also be controlled directly with the Varioterminal. With easy flat-hierarchy menu and 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.

Perfect for all operations
For the Fendt Variotronic™, the ISOBUS interface is the decisive link to the implements. Variotronic™ implement control is a quick and easy way to control all ISO 11783-compatible implements on the Varioterminal and, if supported, with the multi-function joystick as well.

4-in-1 terminal: the Varioterminal 10.4"
Tractor and implement controls, camera function as well as guidance and documentation are fully 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.

With the Variotronic™ headland management, drivers 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 cruise control and engine speed memory buttons as well as activation of the Variotronic™ headland management. You can assign up to 10 ISOBUS functions to it.

The new Varioterminal 10.4" excels with its smartphone look and improved touch surface. It is standard in the ProfiPlus equipment level. It is also available in the Profi version upon request.

The Varioterminal 7" is the handy and functional companion for tractor operations and ISOBUS implement control.

The functions for the Variotronic™ implement control (ISOBUS) and headland management can be assigned to the multi-function joystick as needed. In combination with the VarioGuide automated steering system, Variotronic™ automatic enables automatic activation of sequences at the headland.
New waylines with Fendt Contour Assistant

Fendt machines with the Varioterminal 10.4 and VarioGuide system with NovAtel® or Trimble® receivers can now use the Fendt Contour Assistant. With the new Contour Segments and Single Track features added to the familiar VarioGuide wayline types, your work is now even easier and more efficient. With Contour Segments, you can record the various segments of the field with just one round-trip, a quick and easy way to add field boundaries. With Single Track, drive along the entire tramline length to record it almost as an infinite contour line.

Automated savings

With the fully automatic SectionControl for ISOBUS implements, you can apply seeds, fertiliser 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. You can set the exact switch on and off points from the outset, which automatically results in economical application. When operating ISOBUS-capable sprayers, fertiliser spreaders or seed drills, SectionControl can now switch up to 36 sections.

Always on the ideal track

With Fendt VarioGuide you can drive reliably and accurately, even in areas with difficult reception conditions. With Fendt VarioGuide you can get the most out of your machines, because you can work without actively having to steer, even at night or with large working widths. VarioGuide automatically keeps the tractor on 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).

Uniquely flexible receiver selection

The VarioGuide steering system ensures optimum work results and maximum comfort. With the NovAtel receiver, the correction signals SBAS, TerraStar-L & C and RTK keep you on track. Choose a Trimble® receiver to use SBAS, RangePoint™ RTX™, CenterPoint RTX™ and RTK. If you lose your RTK signal due to the terrain, VarioGuide continues to work reliably up to 20 minutes thanks to the Trimble®-xFill™ or NovAtel® RTK Assist solution.

FENDT VARIOTRONIC®

Precise track, perfect application, more yield.

Your Fendt Variotronic® advantage: Your Fendt software is updated during servicing in the workshop, including new, additional features.

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.
DATA TRANSFER AND DOCUMENTATION

Connectivity that adds more value.

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 solution for precision farming, variable rate control function (VRC), 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.

Efficient from tractor up to data management
Those who invest in a tractor, also invest in the future. As soon as you get your machines well connected, you will optimise the capacity of your fleet. 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 response and operating times of your entire fleet at the push of a button. The new AGCO Connectivity Module (ACM) is the interface between your tractor and the office, taking over the entire telemetry of the data transfer as the central transmission unit on the tractor.

AGCO’s all-encompassing electronics strategy Fuse Technologies™ 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.
QUALITY STANDARD AND RETENTION OF VALUE

Perfect outlook.

Lifelong benefits
A Fendt customer for life. 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. Operational safety, impact and ease of use never lose their importance. You can lock in maximum performance capacity and proactive value retention.

From update to upgrade
Fendt Variotronic keeps you at the cutting edge of technology, even years after purchase. You can even add functions after purchase. How is that possible? Using unique software updates with new add-on features, which Fendt provides up to twice a year free of charge. The easiest way is to have your sales partner update your Variotronic during its service (subject to labour costs). This safeguards the technological progress and value retention of your Fendt machine and keeps your investment as fresh as it was on day one.

Fendt Certified - Pre-owned machine scheme
Leaders drive Fendt – including with pre-loved agricultural machinery. Used agricultural machines in proven excellent condition and certified Fendt quality are the ideal solution for cost-conscious farmers or to add to your growing fleet.

Fendt Certified offers a number of advantages:
- Certification according to strict quality standards
- Extensive eligibility check (technology, wear, visual appearance)
- Fully serviced wear parts
- Parts are replaced, cleaned and painted where necessary
- One-year warranty (extendible)
- Services at fixed hourly rates
- We replace by current market value in the case of claims settlements

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

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

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 a service agreement to the full package including replacement machine, Fendt has a flexible and tailored solution for your fleet.

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 instalments 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.
DRIVING DYNAMICS WITH SAFETY AND COMFORT

Can do it faster.

Does more.

Maximum on-road and in-field driving safety
With the unique Fendt Stability Control FSC you always feel safe 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, offers 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.

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.

The hydropneumatic independent wheel suspension is fitted with a double wishbone axle, so each wheel is suspended individually, which ensures maximum tractive power with maximum ease. 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.

Compared to the standard setting, with VarioActive you need 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.

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.
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 electrohydraulic double-acting valves at the rear plus two in the front, power beyond, ISOBUS coupling 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 highest 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 a high hydraulic capacity of 152 l/min and 140 l/min from the basic equipment package up. With the flexible coupling housing you can work with different coupling sizes: ½", ¾" and ⁵⁄₈" FFC (Flat Face Coupling). The fourth control unit in combination with ¾" and ⁵⁄₈" FFC couplings, can be supplied with a flow volume of up to 170 l/min. It’s easy to couple all the hydraulics links, and on the DCUP model version you can do it from either side and under pressure. The separate hydraulics and transmission oil supplies means the 900 Vario will be compatible for use with bio-oil in the hydraulic circuit.

PTOs with economy function
The PTO speeds can be easily controlled via the multifunction armrest. External controls are also available at the rear. The PTO speeds (540E/1000 or 1000/1000E) at the rear enable work at a lower engine speed, which means lower fuel consumption. The front PTO (1000 rpm) permits operation with a broad range of implements in the front.

With the external valve controls, you can actuate the rear linkage, one valve and the PTO directly on the rear mudguard. 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 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.

You can opt to have the replaceable couplings screwed into the block and quickly replaced depending on the attachment you want to use.

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 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.
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.

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

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

There is space for a meal and a cool drink in the air-conditioned cooling compartment.

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-sprung super comfort seat Evolution active Dualmotion is our ultimate high-tech seat model. 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 comfort passenger seat with backrest and safety belt offers passengers safety and comfort for long work days.

The comfort seat features air suspension and easy armrest adjustment.

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.

Numerous sockets are available in the cab, e.g. several 12-Volt sockets, ISOBUS socket, signal socket.

The 900 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.

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

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

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 lighting design concept on the Fendt 900 Vario has been perfected and is state-of-the-art. The dipped and main headlights feature the latest LED lamps with headlamp leveling. The work lights and corner lights are also fitted with LED lamps. This provides precise control of the illumination and provides exceptional visibility to the implement and the wheel arches, even in the dark. The LED lights are especially low in power consumption, have a very long life and deliver a total luminous flux of up to 4,900 lumens.

The light range of the LED headlights can be adapted to the situation at hand, for example for driving on the road. Furthermore, the LED lights save power and have a long lifetime.

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

The lighting is easily set and adjusted thanks to its straightforward layout. With the one-button system, you can turn on all the work lights at once at the press of a button on the keypad.

Interfaces at the rear include:
- Leakage oil line
- Unpressurised rear return flow
- Air brake
- Control line power beyond
- Pressure line power beyond
- Hydraulic trailer brake
- 7-pin socket
- Trailer socket
- Lower link hook end
- Hitch
- Rear PTO
- Bottom hitch

Interfaces at the front:
- Top link
- Two double-acting control valves
- Unpressurised front return flow
- 7-pin socket
- Front PTO
- Lower link hook end
- Holder for relief springs (not shown)
# FENDT 900 VARIO

## Technical Specifications.

### Engine

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated power ECE R 120</th>
<th>Maximum power ECE R 120</th>
</tr>
</thead>
<tbody>
<tr>
<td>927 Vario</td>
<td>224/295</td>
<td>224/295</td>
</tr>
<tr>
<td>930 Vario</td>
<td>227/295</td>
<td>227/295</td>
</tr>
<tr>
<td>933 Vario</td>
<td>247/316</td>
<td>247/316</td>
</tr>
<tr>
<td>936 Vario</td>
<td>267/351</td>
<td>267/351</td>
</tr>
<tr>
<td>939 Vario</td>
<td>277/377</td>
<td>277/377</td>
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### Power Lift and Hydraulics

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. lift capacity of rear power lift</th>
<th>Max. lift capacity of front power lift</th>
<th>Max. permissible overall weight up to 60km/h</th>
<th>Max. permissible overall weight up to 40km/h (2-circuit brake)</th>
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</thead>
<tbody>
<tr>
<td>927 Vario</td>
<td>11800</td>
<td>5584</td>
<td>16000.0</td>
<td>18000.0</td>
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<tr>
<td>930 Vario</td>
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<td>5584</td>
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<td>18000.0</td>
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<td>933 Vario</td>
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<td>18000.0</td>
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</tbody>
</table>

### Transmissions and PTO

<table>
<thead>
<tr>
<th>Model</th>
<th>Transmission type</th>
<th>Speed range 1</th>
<th>Max. permissible overall weight up to 20km/h</th>
<th>Max. permissible overall weight up to 10km/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>927 Vario</td>
<td>6-speed manual</td>
<td>0,02-20</td>
<td>16000.0</td>
<td>18000.0</td>
</tr>
<tr>
<td>930 Vario</td>
<td>6-speed manual</td>
<td>0,02-20</td>
<td>16000.0</td>
<td>18000.0</td>
</tr>
<tr>
<td>933 Vario</td>
<td>6-speed manual</td>
<td>0,02-20</td>
<td>16000.0</td>
<td>18000.0</td>
</tr>
<tr>
<td>936 Vario</td>
<td>6-speed manual</td>
<td>0,02-20</td>
<td>16000.0</td>
<td>18000.0</td>
</tr>
<tr>
<td>939 Vario</td>
<td>6-speed manual</td>
<td>0,02-20</td>
<td>16000.0</td>
<td>18000.0</td>
</tr>
</tbody>
</table>

### Tyres

<table>
<thead>
<tr>
<th>Tyre Type</th>
<th>Front tyres</th>
<th>Rear tyres</th>
</tr>
</thead>
<tbody>
<tr>
<td>600/65R34</td>
<td>600/65R34</td>
<td>650/85R38</td>
</tr>
<tr>
<td>600/70R34</td>
<td>650/85R38</td>
<td>710/75R42</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>927 Vario</th>
<th>930 Vario</th>
<th>933 Vario</th>
<th>936 Vario</th>
<th>939 Vario</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>5655</td>
<td>5655</td>
<td>5655</td>
<td>5655</td>
<td>5655</td>
</tr>
<tr>
<td>Overall width</td>
<td>2750</td>
<td>2750</td>
<td>2750</td>
<td>2750</td>
<td>2750</td>
</tr>
<tr>
<td>Overall height</td>
<td>3272</td>
<td>3272</td>
<td>3272</td>
<td>3322</td>
<td>3322</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>3050</td>
<td>3050</td>
<td>3050</td>
<td>3050</td>
<td>3050</td>
</tr>
</tbody>
</table>

### Weights

<table>
<thead>
<tr>
<th>Weight Type</th>
<th>927 Vario</th>
<th>930 Vario</th>
<th>933 Vario</th>
<th>936 Vario</th>
<th>939 Vario</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unladen weight</td>
<td>10830.0</td>
<td>10830.0</td>
<td>10830.0</td>
<td>10900.0</td>
<td>10900.0</td>
</tr>
<tr>
<td>Max. permissible overall weight up to 60km/h</td>
<td>16000.0</td>
<td>16000.0</td>
<td>16000.0</td>
<td>16000.0</td>
<td>16000.0</td>
</tr>
<tr>
<td>Max. permissible overall weight up to 20km/h</td>
<td>18000.0</td>
<td>18000.0</td>
<td>18000.0</td>
<td>18000.0</td>
<td>18000.0</td>
</tr>
</tbody>
</table>

## Contact to Fendt.

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