

FENDT

Fendt 300 Vario





The new Fendt 300 Vario. Yes.

The 300er series has been uniting the experience of generations with the demands for the highest quality and performance. That is why we say: Yes. Because the Fendt 300 Vario offers everything that you need. See for yourself and say yes to the compact all-round tractor.



Fendt 300 Vario. Just right.

Those who are already familiar with the manoeuvrable compact tractor know how much it can do. Whether in grassland, in the field, during transport or for municipal work – equipped with even more comfort, features and efficient technology, the Fendt 300 Vario is your reliable companion for the daily challenges of your work.

Flexibility and efficiency in one.

With the Fendt 300 Vario Profi, you have a compact tractor that makes daily work flexible and efficient.

- Powerful engine with 4.4 l cubic capacity
- VisioPlus cab for best visibility and more space
- 110 l control pump for higher delivery capacity at lower speeds
- Fendt CargoProfi front loader with intelligent functions
- Straight-forward operation through Variocenter with Varioterminal 7-B
- Electric valves with time and flow control
- LED work lights
- Multi-function joystick with ISOBUS functions
- 40 km/h transport speed at reduced engine speed (1,700 rpm)
- High payload of more than 3.5 tonnes
- Self-levelling front axle suspension with longitudinal arm for best ride comfort
- Steering angle dependent automatic for 4WD and differential lock



The Fendt 300 Vario offers the right features for the application. Choose the best solution for you from the Power and Profi equipment variants. The Fendt 300 Vario Power offers you the right equipment features for versatile applications in the areas of grassland operations, arable farming, transport, cultivation, specialty crops, municipal work and, last but not least, as a farmyard tractor. It convinces through robustness and durability. The Fendt 300 Vario Profi provides that certain something to give you the added comfort and function necessary for your special working requirements and to make your daily work easier.

Say Yes!

	kW	HP
Fendt 310 Vario	81	110
Fendt 311 Vario	88	119
Fendt 312 Vario	95	129
Fendt 313 Vario	102	138

Maximum output to ECE R24

VERSATILITY AND FLEXIBILITY

Designed for hard work.

Just what you need for a successful work day:

The Fendt 300 Vario meets all your requirements for robustness and flexibility. Higher traction and even higher ride comfort thanks to the new front axle suspension with longitudinal arm, steering angle dependent 4WD automatic and the 100% differential locks in both axles – the more in function that makes your work easier, from field to transport operations.

Safe driving, even with high payloads

The new Fendt 300 Vario is based on a robust cast half-frame, which is designed for a permissible overall weight of 8,500 kg and a high payload of over 3,500 kg. The space-saving half-frame design creates the space required for the new suspension with longitudinal arm, which provides especially high ride comfort. The waisted design of the half-frame creates more space for an optimal steering angle, which means greater manoeuvrability.

Powerful hydraulics

With a 110-litre delivery volume, the load-sensing pump (LS control pump) has a high volume capacity. This pump capacity permits the engine speed to be kept low, which saves fuel effectively, even during demanding operations. The Fendt 300 Vario is equipped with the powerful 110-litre LS control pump as standard in the Profi equipment level. The Power variant has an 84-liter constant flow pump as standard and can be equipped with the 110-litre pump.

Extend your tractor

The Fendt 300 Vario is the perfect tractor for loader work. Its compact design and the large steering angle permit agile driving. Loading work can be monitored completely through the panoramic windscreen of the VisioPlus cab – even when the front loader is fully raised. High hydraulic capacities ensure fast lifting movements and precise loader response, even at low engine speeds.

 The load relief front linkage control is a special advantage for operations with a front mower in grassland, with front mulching implements, as well as with a snow plough, since the implements adapt to uneven ground very quickly.

 The compact half-frame design permits smooth front axle suspension, installation of a longitudinal arm with a suspension cylinder, and a lift capacity of 5.2 tonnes. The suspended longitudinal arm improves transmission of pulling power by up to 7% and thus ensures higher area coverage. Self-levelling ensures constant ride comfort, even with varying loads.

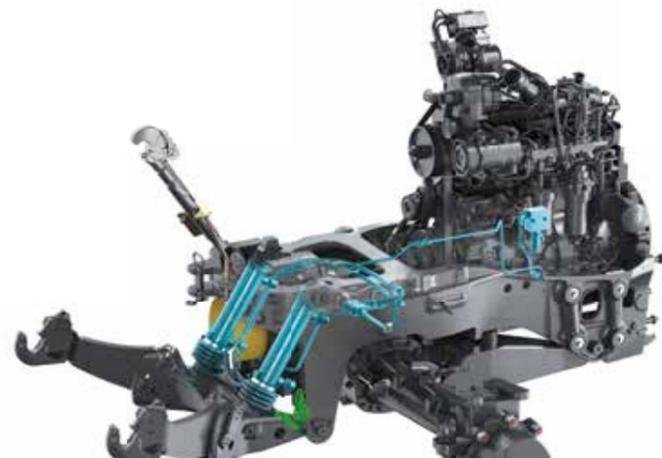
 The waisted half-frame without protruding parts means it has an excellent steering angle. Thanks to the pivoting mudguard, the steering angle can be fully utilized.



The high-quality disc differential locks in both axles are sensitively controlled via sensors, dependent on steering angle and speed. The locks are actuated without tension in the drive train. In conjunction with the automatic 4WD control, this provides you with superior pulling power and ride comfort.



 The front linkage is fully integrated in the half-frame and therefore especially stable. The lower links on the front linkage can be folded up close to the tractor - which provides more free space for front loader work.



THE OPERATOR ENVIRONMENT IN THE 300 VARIO

You favourite place with a wide view.



Robert Rager, dairy farmer and Fendt operator from Southern Germany: "Driving is a lot of fun, because the tractor is easy to operate. You can find your way around immediately and the cab is so comfortable. The machine is simply fantastic!"

Comfort and controls like in the big ones:

with the VisioPlus cab and easy to operate Variocentre, the Fendt 300 Vario fulfils all desires for comfort and practicality. You will immediately feel at home in the new cab. Driver and passenger seat, visibility, controls and suspension – the entire body of the cab has been thought out thoroughly from the ground up and designed for your well-being and optimal working conditions.

Clear view to the outside

The panoramic windscreen in the new cab is a great help in keeping an overview. The front window, without cross bar, curves up into the roof. That triples the viewing angle: with 77 degrees, you have an unobstructed upward view – even to the completely raised front loader. A door is available for the right-hand side for even more flexible entering and exiting. If you prefer a windscreen that opens, there is also one available for the Fendt 300 Vario with a divided window pane. In the VisioPlus cab you have a total of 6.2 m² of glazing for continuous all-round visibility without a B-pillar to get in the way.

More space to enjoy life

The new Fendt VisioPlus cab offers plenty of space for your comfort. This already starts when you climb up into the cab on the wide step treads. With more than six square metres of glazing, the cab is not only visually larger – you also have a greater sense of space thanks to the 2520-litre air space and the well thought-out ergonomic arrangement of all the components. All operating elements are easy to reach. Numerous storage spaces provide practical stowing options.

Superior comfort

A perfectly coordinated cab suspension is the basis for safe and comfortable driving and working. The mechanical cab suspension minimises vibrations effectively. The pneumatic cab suspension, included in the Profi equipment level, features self-levelling at the rear.

 Panoramic windscreen with 77° field of vision for a full view upwards and to the wheel arches.

One-piece side window and unobstructed all-round visibility without a B-pillar.

 The wide-angle mirror is integrated on the main mirror as secondary mirror and expands the field of view considerably.



 Segment wipers with intermittent operation or parallel wipers for an even larger wiper field.



The suspension system and the individual armrest adjustment on the driver seat ensure comfortable work days. The super comfort seat also has a seat heater, rotary adapter and a pneumatic lumbar support.



 Cables can be led neatly into the cab from the outside through the closed rear window. Dirt and moisture stay outside.

THE ENGINE ON THE FENDT 300 VARIO

Yes, this drive is a joy.

Engine characteristics – Fendt 300 Vario
596 Nm torque, 138 hp maximum output at 1,750 rpm



More strength through powerful 4.4-l engine.



Andrew Herron, arable farmer and Fendt operator from Belfast, Ireland

"We started with one Fendt 300 Vario, and now we have four. These machines do really good work every day, and they are top in terms of fuel consumption."

Lively and efficient

The power range of the Fendt 300 Vario goes from a maximum output of 110 hp to 138 hp with a top speed of 40 km/h. The 4.4-l engine delivers more power and torque in the 300er class. The all-round tractor is extremely fuel-efficient: The low rated speed of 2,100 rpm, a new cooler unit and a high-capacity air filter ensure high efficiency with low fuel consumption.

Economical and environmentally friendly

Also saves on emissions: The SCR exhaust technology with AdBlue exhaust gas treatment proves to be especially fuel-efficient. The additional injection of the urea solution AdBlue reduces nitrogen oxides to a minimum. In combination with a diesel oxidation catalyst (DOC) and the exhaust gas recirculation (AGReX), emissions are reduced effectively and the tractor complies with the newest Stage 4 / Tier 4 Final emissions standards.

Economical and low-maintenance

The fuel pre-filter with thermostatic valve allows the tractor to start reliably, even at very low temperatures well below zero, since the pre-warmed fuel flows from the return into the prefilter. The radiator and filter are arranged for ease of maintenance. The fuel and AdBlue consumption indicator not only monitors the current consumption, but also logs the consumption for different operations. Furthermore, they assist the operator in maintaining an efficient driving style.

Exhaust gas aftertreatment

With SCR technology, exhaust is after-treated with AdBlue, a 32.5 percent urea solution, and the nitrogen oxides NO_x are converted to harmless nitrogen and water.



The extremely fine atomisation through a 6-hole injector nozzle effectively reduces AdBlue consumption.



The fuel pre-filter with thermostatic valve allows the tractor to start reliably, even when outside temperatures are very low. The radiator and filter are arranged for ease of maintenance.

THE TRANSMISSION ON THE FENDT 300 VARIO

Stepless driving pleasure: The Fendt Vario transmission.

Fendt Vario - that is driving comfort

The stepless Vario transmission guarantees ride comfort and savings potential. You can drive from 0.02 km/h to a maximum speed of 40 km/h continuously, without shifting. You always work at the exact speed that matches the work. This provides enhanced performance that will always remain outside of the grasp of power shift transmissions. The tractor is easy to drive, either per joystick or with the pedal. The Vario transmission and engine are designed for low fuel consumption.

The right speed ...

... for the PTO shafts can be easily adjusted using the keys on the Variocentre: the speeds 540, 540 E and 1000 rpm are available for the rear PTO. Practical are the external controls on the rear mudguard. The Eco variant 540E is ideal for light work, where fuel can be saved at a reduced engine speed. The PTO shafts on the Fendt 300 Vario have outstanding efficiency, since power to the PTO stub flows through a direct drive line from the Vario transmission.



Well-balanced and efficient with TMS

Frequently changing operations are on the agenda for an all-rounder. Whether for transport or heavy draft work, the Fendt 300 Vario has been designed for ideal performance, low fuel consumption and reduced wear on components. The tractor management system TMS controls the engine and transmission so that they are always working at an economical optimum without you having to think about it. You just have to specify the desired speed.

Relaxed driving at the limit

The Fendt 300 Vario Profi offers fully automatic maximum output control, where the engine load is determined according to the power demand. The engine is therefore always operating in the ideal engine speed range. Operators can also adjust the maximum output control 2.0 manually, if they wish. The kick-down mode, where the tractor accelerates similar to a passenger car with automatic transmission, means the tractor takes off swiftly.

The ingenious 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. Power splitting and hydrostats that swing 45 degrees ensure outstanding efficiency.

The driving mode can be selected individually: The speed can be controlled with either the pedal or the joystick.



Driving direction can be changed with either the joystick or the reverser lever with integral stop and go function.



The new integrated front PTO delivers 1000 rpm. The direct drive line from the engine to the implement means high efficiency.



The separate transmission and hydraulic oil supplies prevent oil mixing and guarantee high operational reliability of the transmission.



Discover the new Variotronic in the Fendt 300 Vario now.
www.fendt.com/300-Präzision

THE NEW FENDT VARIOTRONIC

Efficient operation – comfortable driving.

All-round visibility: Fendt operating concept

Well thought-out to the last detail, but always with an eye on the whole – in Fendt tractors you experience intuitive operation and functionality across all ranges. The operating elements, comprising the Varioterminal, joystick, crossgate lever, linear module and membrane keypad are clearly laid out in the Variocenter.

All in one: The Varioterminal 7-B

Straightforward, intuitive and practical – the new Varioterminal 7-B 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. You can operate the functions directly on the touchscreen or by pressing a key. The borderless LCD display in smartphone look delivers brilliant colours and a sharp resolution. It is extremely scratch-proof and easy to clean. The display dims automatically at night, prevents blinding.

Headland turns made easy: Fendt Variotronic™

Electronic assistance is a real benefit, especially at the headlands. With Variotronic™, you save up to 1,920 hand movements in 160 turns. You can program up to 39 settings into the terminal for each turning manoeuvre at the headland, both when standing still and when driving. Later all it takes is a touch of a button to activate the automated procedures at the headland. You can drive without having to reposition your hand.

Using the optional integral interface, all ISOBUS capable implements can be operated with the Varioterminal, so additional implement terminals are not needed.

 The optional automatic steering axle lock automatically unlocks the steering axle at a predefined speed on trailers with self-steering axles. On straight stretches, the locked self-steering axle ensures stable handling. Operators do not need to lock the self-steering axle manually outside of the preselected speed range and when reversing.



 With the two-gate multi-function joystick, you can operate the Fendt 300 Vario like one of the Fendt high-horsepower tractors. The numerous functions on the joystick reduce unnecessary hand movements.



 Crossgate lever for 1st and 2nd hydraulic control unit and the front loader, including the controls for the 3rd and 4th circuit.



Linkage control module (EPC) with PTO controls



Fendt Expert driver training. Sign up through your dealer. You will find more information at: www.fendt.com/training

QUALITY STANDARD AND RETENTION OF VALUE

My tractor, my future.

Investment with a high retention of value

Those who invest in a tractor, also invest in the future. With the Fendt 300 Vario, you lay the foundation for excellent, high-yield prospects. This includes the efficient, cutting-edge tractor technology, proven Fendt quality as well as the latest software update during servicing – an exclusive Fendt service for the highest retention of value.

Absolutely easy to operate

Ideal diagnostic capabilities and long maintenance intervals ensure the tractor keeps on running. Failures can be analysed quickly through the fault messages in the Varioterminal. The separate oil supply means transmission oil only needs to be changed every 2,000 hours under normal conditions. The Fendt 300 Vario has a number of factors that keep downtimes and maintenance costs low.

Long-term economy

High efficiency is reflected in a higher yield while using fewer resources, such as fuel, operating inputs or time. The Fendt 300 Vario continues in the tradition of its predecessor and delivers high performance at low engine speeds – so there is less wear on all the components and diesel and AdBlue consumption is reduced. Its high overall profitability pays off during every operation.

Certified Fendt Quality Management System according to DIN EN ISO 9001
Since 1995, Fendt has undergone regular independent audits for its quality management system and has been successfully certified.

Certified Fendt Occupational and Health Safety Management System OHSAS 18001
Since 2008, Fendt has been certified and distinguished for the successful implementation of measures in occupational and health safety.

Certified Fendt Environmental Management System according to DIN EN ISO 14001
Since 2000, this certificate has proved Fendt's responsible management of the environment.

Fendt stands for high quality. To honour this promise, running quality control takes place during daily production. When your Fendt 300 Vario is delivered to your farmyard, it has already run through all the quality gates along the entire production line.

 The engine compartment is very easy to access for inspection and maintenance, even when the front loader mounting parts are attached. The bonnet with two separate side panels can be opened without tools.



Less effort, more free time: The compact cooler unit is easily accessed and, thanks to the large clearance between the coolers and the flat cooler floor, it is fast and easy to clean.



Become a Vario pro with driver training: With our Fendt Expert Training, you learn how to use all of the functions on your tractor efficiently. Our team of competent professional trainers teach you how to utilise the entire performance potential of your Fendt tractor. Sign up through your dealer. You will find further information at: www.fendt.com/training



You can find the closest Fendt dealer here.
www.fendt.com/Händlersuche

FENDT STARSERVICE: THE BEST SERVICES

Secure reliable operations for the future today.



100% quality, 100% service: Fendt StarService

To ensure that your Fendt 300 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.

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.



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

The high-capacity air filter ensures optimal air intake and cleaning.
The air filter is easy to exchange.



The best product, the best services: Certified Fendt dealers are distinguished by their first-class expertise and their comprehensive range of services. They regularly undergo strict audits to prove their high-quality of service. Your FENDT is in the best hands here.

FRONT LOADER FENDT CARGO

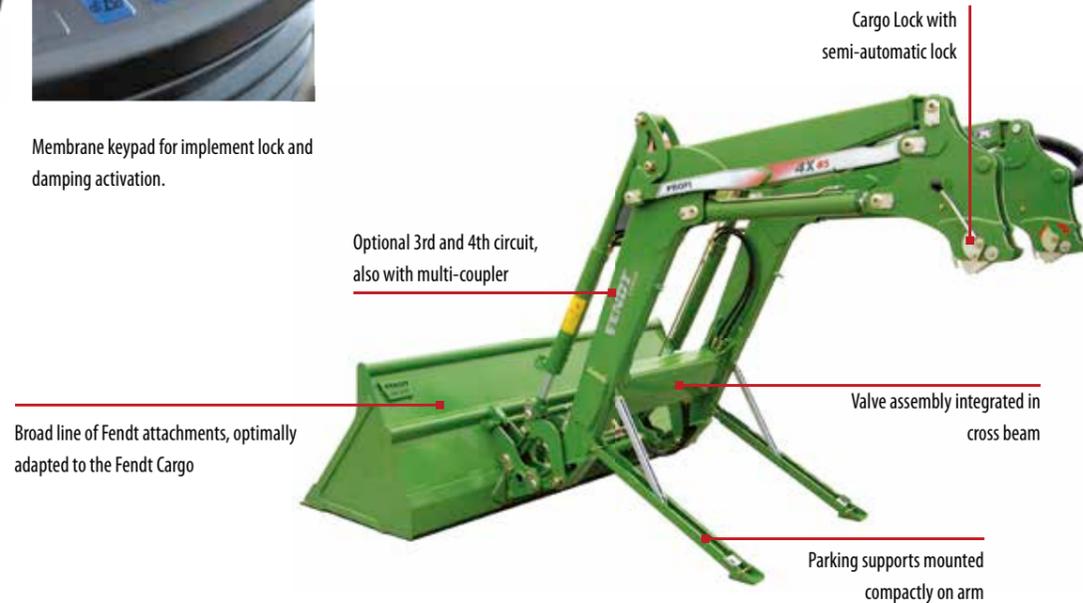
Loading under control.



Display for crossgate lever and weighing system: individual and total weight and limiting of the working range for the arm and attachment.



Membrane keypad for implement lock and damping activation.



Operation made easy

You can operate the front loader easily with the crossgate lever. Your left hand remains free for steering and reversing. You control the speed with your foot. The Cargo front loader is available in four versions for the Fendt 300 Vario: Cargo 3X70, 4X75, 4X75 compact and CargoProfi 4X75. In the compact version of the 4X75, the arm is attached 100 mm closer to the cab. This makes the tractor even more stable during front loader work.

Precise loading with CargoProfi

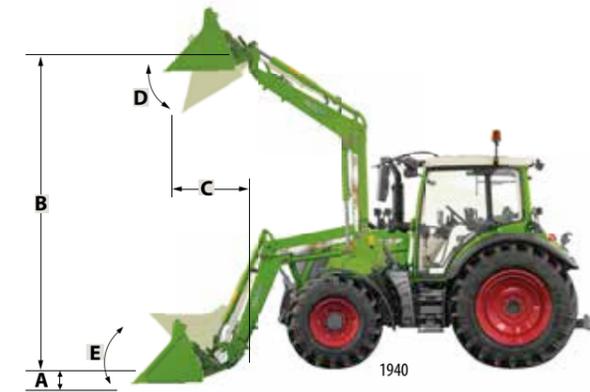
Thanks to the precise measuring and tilt sensor system on the CargoProfi 4X75, you know exactly how much you are loading. Weigh your load with the touch of a button and utilise the full loading capacity. This also saves the trip to the weighing station. You can set the exact working height and tipping angle precisely with the CargoProfi. Your bucket is emptied completely thanks to the integrated shake function, which loosens any adherent material. The Memo function saves positions and makes frequently repeating jobs easier.



On the Fendt CargoProfi, for example, the tipping angle can be limited when loading very high trailers. The Memo function is especially practical for repeating sequences, for example, the horizontal lower position can be targeted automatically. The weighing function permits monitoring of the weight of the load.



Fine adjustments can be made to the valve functions using the Varioterminal. For example, you can control the flow rate precisely and easily using the rotary controls and function keys.



	Fendt front loader	3X/70 ²⁾	4X/75	4X/75 compact	4X/75 profi
A	Digging depth (mm) ¹⁾	60	150	220	150
B	Lifting height (mm) ¹⁾	3750	4155	4085	4155
C	Dump. dist. (mm) ¹⁾ B = 3.5 m	1450	1685	1585	1685
C	Dump. dist. (mm) ¹⁾ B = max.	1030	1145	1045	1145
D	Angle of emptying	55°	55°	55°	55°
E	Angle of backwards tilt	48°	48°	48°	48°
	Lift capacity continuous (daN)	2000	1940	1940	1940
	Max. lift capacity (daN)	2140	2250	2250	2250

1) depends on tyres
2) Max. tyre size 480/65R24 (max. diameter 1,260 mm)

Fast and easy loading? Lies at hand.

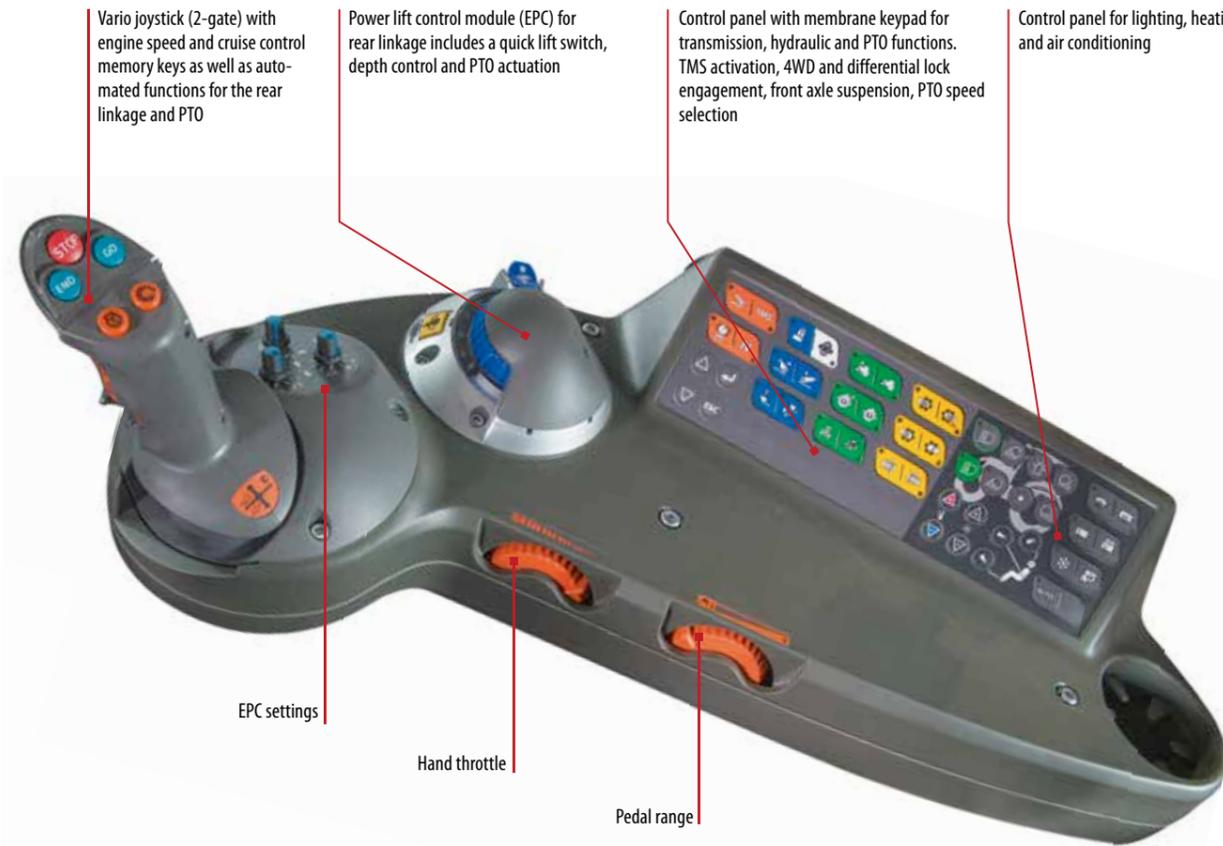
The controls for the front loader are optimally integrated in the overall operating interface on the right armrest and in the Varioterminal: you control the front loader with your right hand on the crossgate lever, your left hand is free for steering and reversing. You control the speed with your foot. With the reverser, you can change driving direction quickly and easily, without wear. The high hydraulic capacity of the Fendt 300 Vario ensures swift loading and unloading: The load-sensing pump delivers up to 110 l/min.

Ideal damping system

The Fendt Cargo front loader has an ideal damping system. Gas pressure reservoirs absorb vibrations and shock loads so they are not transmitted to the tractor body. The damping, in combination with the front axle and cab suspension, is so comfortable, you will surely remain seated a bit longer in the Fendt 300 Vario, even if you are already finished.

THE FENDT OPERATING CONCEPT

One interface, all functions.

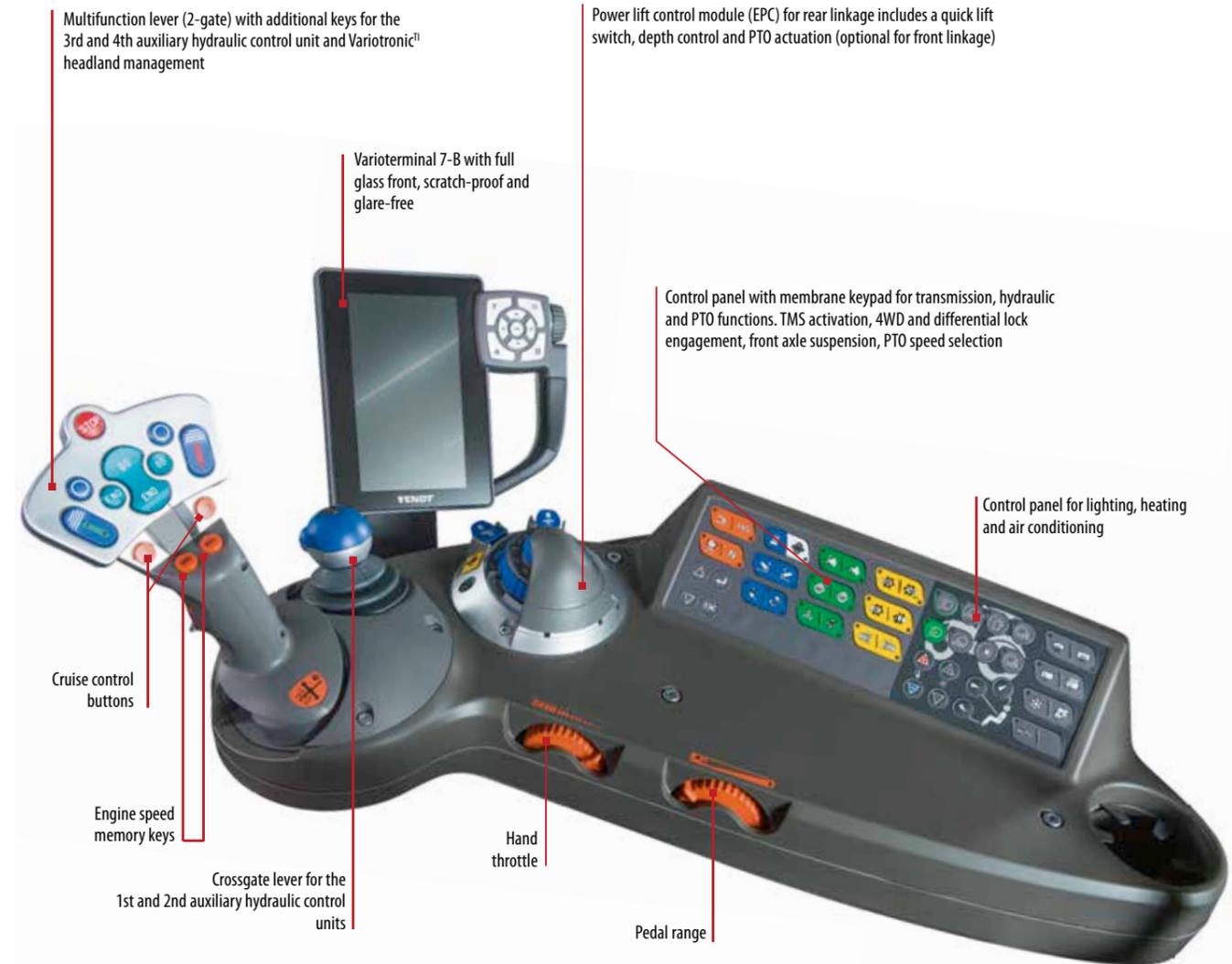


Operation made easy

Operating the Fendt 300 Vario Power is straightforward and easy using the fully integrated Variocentre. The linkage control module and the illuminated keypad are combined in a clearly laid out control console. The arrangement and colour coding of all the operating elements corresponds to the current Fendt tractors and guarantees across-range, easy and fast operation.

Clearly laid out

The entire membrane keypad is backlit and ensures safe operation in the dark. The lighting is controlled using conveniently located keys. A big advantage is the central button for switching on and off preselected lights. You can control the transmission, shuttle control and cruise control with the 2-gate Vario joystick. There are five auxiliary functions: automatic linkage control, two cruise control and one speed memory as well as the shuttle control and the acceleration rate.



Fendt Variotronic control

For the first time, the intelligent Variotronic electronic solutions have found their way into the Fendt 300 Vario class. With the first generation of the Varioterminal, Fendt already set new standards for agricultural equipment back in 1998. Now the demands on the terminal functions have become significantly higher. At the same time, it must remain easy to use. Fendt's answer is Variotronic.

25 implement memories

All settings in the Varioterminal can be saved under a unique name and called up at a later time. For example, if you have different settings for the tractor and implement for your seed drill operations, these settings can be easily reloaded and adjusted, if necessary. Of course, operators can also save their own custom settings.

THE FENDT VISIOPUS CAB

The most comfortable second home.



The clearly laid out and ergonomically designed VisioPlus cab offers the best overview, both to the operating elements and the field. The windscreen is available as a continuous panoramic window or a hinged pane. An additional door can be chosen in place of the right side part.



■ The comfort seat features air suspension and easy armrest adjustment.



□ The super comfort seat has a seat heater, rotary adapter and pneumatic lumbar support - prerequisites for comfortable work on long days.



■ In a Fendt cab you will find many different storage 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 pneumatic cab suspension (Profi version) reduces vibrations to a minimum and provides high ride comfort. It is supported on four points with integrated self-levelling: the cab rests on two conic bearings at the front and on two air spring elements at the rear.



■ Wide step treads permit safe and easy entering and exiting. The door handle is easy to reach from the ground.



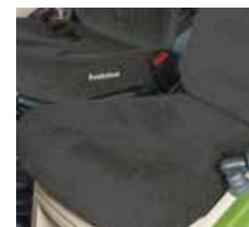
■ The hatch integrated in the roof liner offers additional ventilation on hot days.



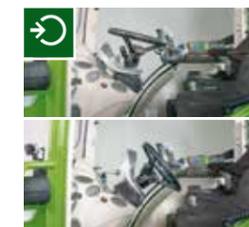
■ The integrated air conditioning ensures optimal cooling and comfort – manually controlled in the Power variant, upon request fully automatic control in the Fendt 300 Vario Profi.



■ Numerous sockets are available for external current consumers.



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



■ For an optimal sitting position, the steering wheel must be at the right height and tilt angle. The steering wheel, including cockpit, is individually adjustable.



■ The waisted cast half-frame of the Fendt 300 Vario is the rugged base for the entire tractor – engine, cooler unit, front linkage, front PTO and front axle are mounted on the half-frame. Thanks to the stable construction, larger axle loads are permissible. The waisted design permits a larger steering angle.



■ Fendt Reaction steering system ensures optimal straight-ahead driving at fast speeds on the road.

LIGHTING AND MOUNTING AREAS

More light and thousands of ideas for many operations.



■ A light sensor automatically adapts the terminal lighting to the current light conditions.



□ The crossed beams of the front work lights effectively prevent shadows.



■ The lower links can be fixed with the shut-off valve on the rear linkage.



□ Power beyond pressure and control line for full hydraulic power transmission.



□ Large tyres front up to 540/65 R24 and rear up to 600/65 R38.



□ Connection for the ISOBUS implementation control.



■ Both the DCUP and CUP couplings permit the hydraulic valves to be coupled under pressure and mounting and removing implements is easy. The self-closing valve flaps offer secure protection against contamination through dirt or water.



The entire lighting concept, with up to six work lights for the rear alone, offers exceptionally good illumination for safe and comfortable work, even in the dark. For those who need extra bright lights and would also like to save power, can choose the Fendt 300 Vario with LED work lights.



□ The valves in the Profi version can also be operated externally on the rear mudguard.



Interfaces at the rear: Signal socket, hydraulic top link, lower links with hooks, spool valves, unpressurised return, compressed air brake, pressure and control line power beyond, hydraulic trailer brake, 7-pin socket, lower link catch hooks, hitch, rear PTO 540, 540 E and 1000 rpm, bottom hitch, rigid drawbar and much more.

EQUIPMENT VARIANTS

Fendt 300 Vario. Yes.

		Power	Profi
Vario controls	Vario joystick with 2x cruise control, 1x engine speed memory, automated functions rear	■	□
	Multi-function joystick with 2x cruise control, 2x engine speed memory, automatic functions, controls for hydraulics	□	■
	Varioterminal 7-B with touch and key control	□	■
	Variotronic implement control (ISOBUS)	□	□
	Variotronic ²¹ Headland Management System	□	■
	Vario TMS Tractor Management System	■	■
Cab	Continuous windscreen	■	■
	One-piece windscreen and door on right	□	□
	Split windscreen and door on right	□	□
	Mechanical cab suspension	□	■
	Pneumatic cab suspension	□	□
	Height and tilt-adjustable steering column	■	■
	Comfort seat, air suspended with back rest (w/o rotary adapter/seat cushion adjustment, armrest adjustment right)	■	■
	Super comfort seat with seat heater, lumbar support, rotary adapter, seat cushion adjustment, armrest adjustment on both sides	□	□
	Super comfort seat, air sprung with 3-point belt	□	□
	Passenger seat with automatic seat belt	■	■
	Radio mounting kit with 2 stereo speakers	■	■
	Radio CD MP3 with 2 stereo speakers	□	□
	Radio CD MP3 with hands-free speaking function	□	□
	4 stereo speakers	□	□
	Air-conditioning	■	■
	Automatic climate control	□	□
	Active charcoal filter	■	■
	Segment wipers front	■	■
	Parallel wipers front	□	□
	Rear window heated	□	□
Ext. rearview mirror, mechanically adjustable	■	■	
Ext. rearview mirror, electrically adjustable, heated	□	□	
Ext. rearview mirror and wide-angle mirror mechanically adjustable	□	□	
Ext. rearview mirror electrically adjustable and wide-angle mirror heated	□	□	
Interior rearview mirror	□	■	
Work lights roof, 4 rear, 2 front	□	■	
Work lights A-pillar, roof front, mudguard rear	□	□	
Work light LED A-pillar, mudguard rear	□	□	
Ambient lighting	■	■	
Bracket for auxiliary devices	□	□	
Cooling compartment	■	■	
Electric battery disconnect switch	□	□	
Add. storage space, light in roof liner left	□	■	
Engine/transmission	Preheater unit (engine, transmission oil)	□	□
	Shuttle function, stop-and-go function	■	■
	Acoustic signal when reversing	□	□

		Power	Profi
Chassis / safety features	Compressed air system	■	■
	Automatic trailer steering axle lock	□	□
	Compressed air Duomatic coupling	□	□
	Air compression system / single-line system	□	□
	Air compression system / dual-line system	□	□
4WD/differential locks	Comfort engagement controls for 4WD / differential locks	■	■
	Rear / front differential with 100% disc locking and steering angle sensors	□	■
Hydraulic system	Load-sensing system with 110 l/min delivery capacity	□	■
	Electrohydraulic rear linkage sa (EPC)	■	■
	1st and 2nd hydraulic valve at rear	□	■
	1st hydraulic valve middle and rear, 2nd hydraulic valve rear	■	□
	3rd hydraulic valve at rear	□	□
	3rd valve middle and rear	□	□
	3rd valve middle (instead of 3rd valve rear)	□	□
	4th valve rear	□	□
	Return rear	■	■
	Return middle right	■	■
	Unpressurised return rear (case drain)	□	□
	Hydraulic power beyond connection	□	□
	Hydraulic valve actuation crossgate lever (Power mechanical, Profi electric), CUP couplings rear	■	■
DCUP couplings in rear (1st – 4th valve)	□	□	
Top link rear hydraulic	□	□	
Front linkage sa/da (connection middle 1st / 3rd valve)	□	□	
Comfort front linkage sa/da, external controls (separate valve)	□	□	
Comfort front linkage sa/da, with position control (EHR), external controls (separate valve)	□	□	
Comfort front linkage sa/da, with position control (EHR) and load relief control, as well as external controls (separate valve)	□	□	
Body	Mechanical hitch	■	■
	Auto. hitch with remote control, rear	□	□
	Ball-type coupling, height adjustable	□	□
	Ball-type coupling in the bottom hitch	□	□
	Hitch	□	□
	Swinging drawbar	□	□
	PitonFix	□	□
	Rotating beacon left and right	□	□
	Pivoting front wheel mudguard	□	■
	Front weights, various sizes	□	□
Ballast weights for rear wheels	□	□	
Front loader attachment parts	□	□	
Front loader Cargo 3X/70	□	□	
Front loader Cargo 4X/75	□	□	
Front loader Cargo 4X/75 compact	□	□	
Front loader Cargo 4X/75 profi	□	□	

FENDT 300 VARIO

Technical Specifications.



Fendt 300 Vario		310	311	312	313	
Engine	Rated power ECE R 24	kW/hp	69 / 93	78 / 107	85 / 116	92 / 126
	Maximum power ECE R 24	kW/hp	81 / 110	88 / 119	95 / 129	102 / 138
	Rated power EC 97 / 68 ¹⁾	kW/hp	74 / 100	83 / 113	90 / 123	97 / 133
	Maximum power EC 97 / 68 ¹⁾	kW/hp	83 / 113	91 / 123	98 / 133	105 / 142
	No. of cylinders/cooling	4/water	4/water	4/water	4/water	4/water
	Cylinder bore/stroke	mm	108 / 120	108 / 120	108 / 120	108 / 120
	Displacement	cm ³	4400	4400	4400	4400
	Rated engine speed	rpm	2100	2100	2100	2100
	Speed at max. power	rpm	1750	1750	1750	1750
	Optim. fuel consumption	g/kWh	199	199	199	199
	Max. torque 1550 rpm	Nm	485	524	559	596
	Torque rise	%	55	47	44	42
	Fuel level	litres	210	210	210	210
AdBlue [®]	litres	23	23	23	23	
Oil change interval	hrs	500	500	500	500	
Transmission/PTO	Continuously variable Vario transmission ML 75		40 km/h	40 km/h	40 km/h	40 km/h
	Speed range: (forward / reverse)		0.02 to 40 km/h / 0.02 to 25 km/h			
	Front PTO	rpm	1000			
	Rear PTO standard specification	rpm	540 / 540E / 1000			
	Rear PTO option	rpm	540 / 1000 / ground PTO (4.5 rev/driven metre 540/65R34)			
Hydraulics	Type	Electrohydraulic power lift control with shock load stabilising				
	Control	Free floating, position, draft and inf. adj. mix control				
	Hydraulic pump capacity	l/min.	Tandem pump (46+38 l) total 84 l/min or load sensing system with control pump 110 l/min			
	Working pressure	bar	200	200	200	200
	Auxiliary control valves	standard / max	2 / 4	2 / 4	2 / 4	2 / 4
	Max. available oil volume	Litre	43	43	43	43
	Flow volume, spool valves (Power)		1st valve: 15-65 litres, 2nd and 4th valves: up to 80 litres, 3rd valve with 15-70 litres			
	Max. lift capacity, rear linkage	daN	5960	5960	5960	5960
Max. lift capacity, front linkage	daN	3130	3130	3130	3130	
Brakes	Rear brakes	Wet ring piston brake				
	Four-wheel brake	Automatic 4WD engagement				
Weights and dimensions	Unladen weight with cab	kg	4810	4810	4970	4970
	Max. perm. overall weight	kg	8500	8500	8500	8500
	Max. perm. front axle load [kg]	kg	4500 (at 8 km/h: 7500)			
	Max. perm. rear axle load	kg	7000	7000	7000	7000
	Max. vertical hitch load	kg	2000	2000	2000	2000
	Overall length	mm	4336	4336	4336	4336
	Overall width	mm	2220	2220	2320	2320
	Wheelbase	mm	2420	2420	2420	2420
	Overall height comfort cab	mm	2820	2820	2860	2860
	Distance from centre of axle to upper edge of cab	mm	2058	2058	2058	2058
	Ground clearance with max. tyres	mm	510	510	510	510
	Front track	mm	1685	1685	1820	1820
Rear track	mm	1660	1660	1800	1800	
Electrical equipment	Alternator	14 V / 150 A				
	Battery	100 Ah / 12 V				
Tyres	Standard front		440/65R24	440/65R24	480/65R24	480/65R24
	Standard rear		540/65R34	540/65R34	540/65R38	540/65R38
	Optional front		480/65R24	480/65R24	16.9R24	16.9R24
	Optional rear		540/65R38	540/65R38	18.4R38	18.4R38
	Optional front		540/65R24	540/65R24	540/65R24	540/65R24
	Optional rear		600/65R38	600/65R38	600/65R38	600/65R38

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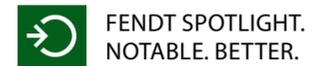
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GLOSSARY

Lighting 24, 25, 28, 29
Torque 12, 30
Fendt Varioterminal 6, 16, 18, 23, 24, 25, 29
Fendt Variotronic 16, 25, 29
Transmission, Vario transmission 14, 15, 8, 24, 25, 29, 30
Weights 29
Hydraulics 8, 15, 17, 23, 24, 25, 28, 29, 30
ISOBUS 6, 16, 17, 28, 29
Cab 6, 8, 10, 22, 23, 26, 27, 29, 30
Configurator 31
Linkage 8, 9, 17, 24, 25, 27, 29
Performance 6, 12, 13, 14, 23, 29, 30
Weights/Dimensions 30
Engine 6, 8, 12, 14, 24, 25, 29, 30
Seats, driver seat, passenger seat 10, 11, 23, 27, 29
Headland Management Variotronic¹⁾ 16, 25, 29



FENDT SPOTLIGHT.
NOTABLE. BETTER.

This symbol stands for solutions that offer special benefits for your daily work and make a Fendt a Fendt.

Fendt 300 Vario. Yes.

	kW	HP
Fendt 310 Vario	81	110
Fendt 311 Vario	88	119
Fendt 312 Vario	95	129
Fendt 313 Vario	102	138

Maximum output to ECE R24

Fendt equipment packages



The comprehensive standard equipment with ideally coordinated feature package.



The tailored Profi equipment package with a full range of features and added value for high demands.

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AGCO GmbH – Fendt Marketing
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