

FENDT

Fendt 300 Vario

309 • 310 • 311 • 312 • 313



The new Fendt 300 Vario

300 Vario. The original.

The Fendt 300 Vario has been very popular for decades due to its high quality, reliability and economy. Its ease of operation and extremely low fuel consumption has convinced 300er owners around the world. Now fuel-efficiency has been further optimised through the use of SCR engine technology. With the new top model, the 313 Vario, Fendt now offers these tractors with a maximum output of up to 135 hp.

309 Vario	95 hp	70 kW
310 Vario	105 hp	77 kW
311 Vario	115 hp	84 kW
312 Vario	125 hp	92 kW
313 Vario	135 hp	99 kW

Maximum output to ECE R24



The new Fendt 300 Vario

The original in...

The 300 Vario range is technically mature and optimally designed to meet the demands of medium-sized farms. Fendt sets the standards for economy, technology and environmental friendliness in this performance segment.

...economy:

- Extremely low fuel consumption thanks to SCR engine technology with AdBlue®
- Automatically drives in the most economical range with the standard specification TMS
- Low operating costs per hour through low maintenance costs
- Exceptional value retention for a very high residual value

...environmental friendliness:

- 95 percent less nitrogen oxides NOx
- 95 percent less particulate matter
- Less CO₂ emissions through lower fuel consumption

...versatility:

- High manoeuvrability for work in tight spaces
- Ideal front loader operations through exceptional visibility
- High lift capacities for universal use of implements
- Low weight-to-power ratio of 33 kg/hp

...comfort:

- Ingeniously easy operation using the Variostick
- Clutter-free, ergonomic placement of the most important functions on the right-hand side console
- Spacious cab with individually adjustable work place

...performance:

- New top model with 135 hp maximum output
- Dynamic engines with 43% torque rise
- High transport performance, 40 km/h at just 1750 rpm
- High payloads up to 4270 kg





Everything is easy to find

The work place in the 300 Vario provides an exceptionally clear overview as well as a practical arrangement of all the operating elements. Functions, such as TMS, cruise control or the automatic mode for the PTO, make day-to-day work easier, so operators can work long hours without stress.

Overview and ergonomics

Modern technology made easy

The operating concept is an ideal symbiosis between state-of-the-art technology and ease of operation. In the Vario 300 cab, all control elements are concentrated on the steering column unit and the right-hand side console. For example, the clearly arranged linkage controls, PTO controls and comfort controls are all found here. Back-lit control elements guarantee safe operation, even at night. The new on-board computer now also displays the area and time measurements.

Everything under control with the Variostick

The Variostick unites the functions of the main gearshift lever, group gear lever and powershift stages as well as the controls for the super creeper gearbox into one operating element. Positioned ergonomically on the right-hand console, the handy Variostick allows you to drive any speed between 20 m/h and 40 km/h without gear steps and without having to move your hand from the controls. The TMS Tractor Management System, which drives the engine and transmission in the most economical range fully automatically, is now standard specification in the 300 Vario.

All settings always at hand

The cruise control in the 300 Vario is positioned directly below the Variostick for convenient operation, just like in the high-horsepower Varios. The electronic hand throttle is also located near the cruise control activation button. Using the control pad to the right of the Variostick, fine adjustments can be made to the transmission settings and the corresponding information is displayed in the dashboard. You simply have everything under control.

Find the perfect working position

The more comfortable a working position is, the better an operator can attend to the implements. For this reason, the 300 Vario is equipped with a height and tilt-adjustable steering column. The air-suspended comfort seat adjusts perfectly to accommodate different body heights using the integral backrest extension and seat depth adjustment. A super comfort seat is available as an option. It adds the benefits of a seat heater, low frequency suspension and pneumatic lumbar support.



Everything in view with the multi-display

The multi-display is located at the centre of the cockpit. This is where the settings for the cruise control, engine speed memory, maximum load control, TMS, etc., as well as the ground speed and PTO speed, are displayed.



Everything in its place

The controls for the powerful ventilation system or the optional air-conditioning as well as the radio and sockets for external current consumers are positioned above the right-hand side window.



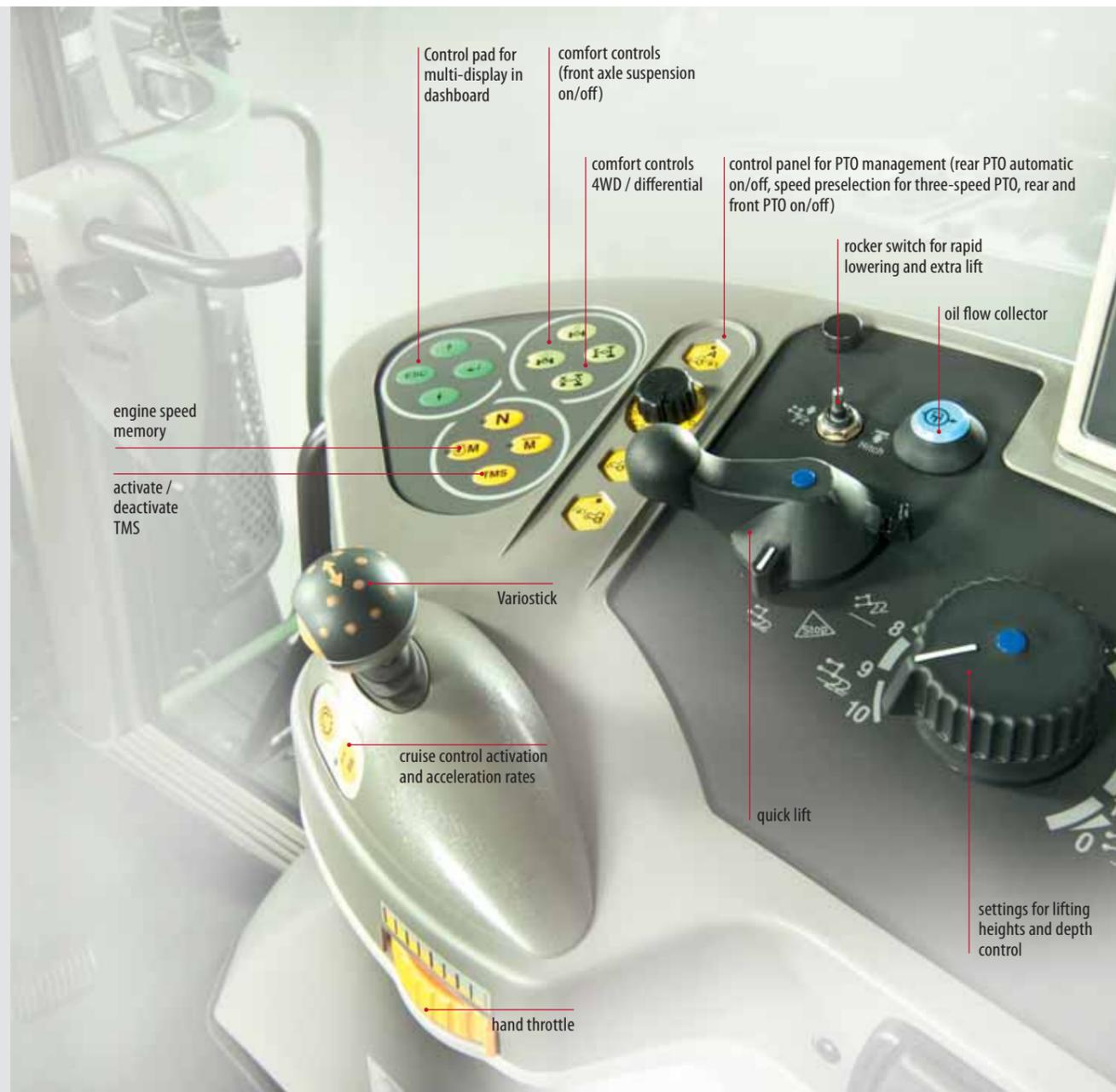
One Variostick instead of many levers

With the Variostick, you can accelerate the 300 Vario from standstill to the desired speed without gear steps. When the Variostick is moved in the opposite direction, the tractor decelerates. No gear steps from 0-40 km/h forward and 0-25 km/h reverse – and no crawler or group gears.



Everything is safely stashed in the document case

The optional document case on the left-hand console holds your papers, the operating manual and other documents and keeps them neat, clean and protected.



- Easy operation via single-gate Variostick
- The Fendt Variostick integrates them all in one: So there is
 - no main gearshift lever
 - no group gear lever
 - no super creeper gear lever
- Cruise control functions
- TMS is standard
- Stepless reversing (shuttle gearbox)
- Settable acceleration ranges
- Electronic hand throttle
- Multi-display for:
 - engine speed memory
 - cruise control memory
 - maximum output control
 - acceleration rates
 - time
 - fuel consumption indicator

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Powerful engine and intelligent
Vario transmission

Who is this efficient?

With the new top model, the 313 Vario, and the SCR engine technology, Fendt takes another step upwards in performance, pulling power and fuel efficiency. With up to 135 hp maximum output, these tractors are now ready to take on an even broader range of applications.



The perfect drive train

Powerful four-cylinder

The economical use of fuel and resources is continually gaining in significance. In the 300 Vario, Fendt employs a high-tech four-cylinder Deutz engine with four-valve technology for greater economy. It has a speed-dependent controlled common rail high-pressure fuel injection system and full electronic engine control. The new top model, the 313 Vario, delivers 135 hp maximum output.

More dynamics – lower fuel consumption

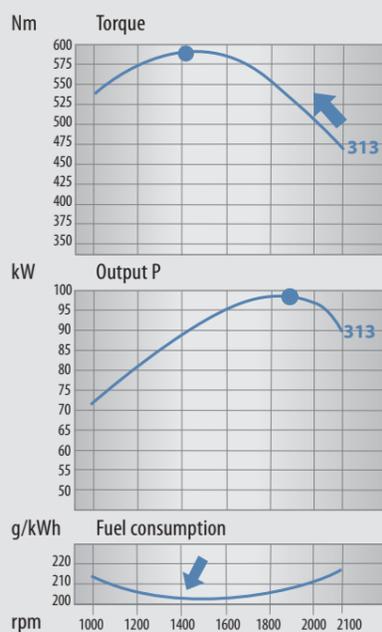
The use of SCR engine technology, which Fendt has already successfully implemented in the high-horsepower tractors, is unique in this power segment. Exhaust is cleaned with the aid of the AdBlue® urea solution, which is injected into the exhaust, and the SCR catalytic converter. At the same time, the engine settings can be optimised, so it not only protects the environment, but also reduces fuel consumption to the lowest possible level.

Always the right speed with Vario

This kind of flexibility is only possible with Fendt Vario transmissions. From 20 metres per hour to 40 km/h, every speed is possible without gear steps. The 300 Vario is therefore predestined for operations in specialty crops as well as for row crop work, grassland operations and cultivation and, last but not least, as a farmyard tractor. The Vario transmission is crucial for all of these operations, because it guarantees a highly efficient drive train. For very precise work, the ground speed, from 0-2 km/h, can be displayed in the multi-display.

Stepless economy

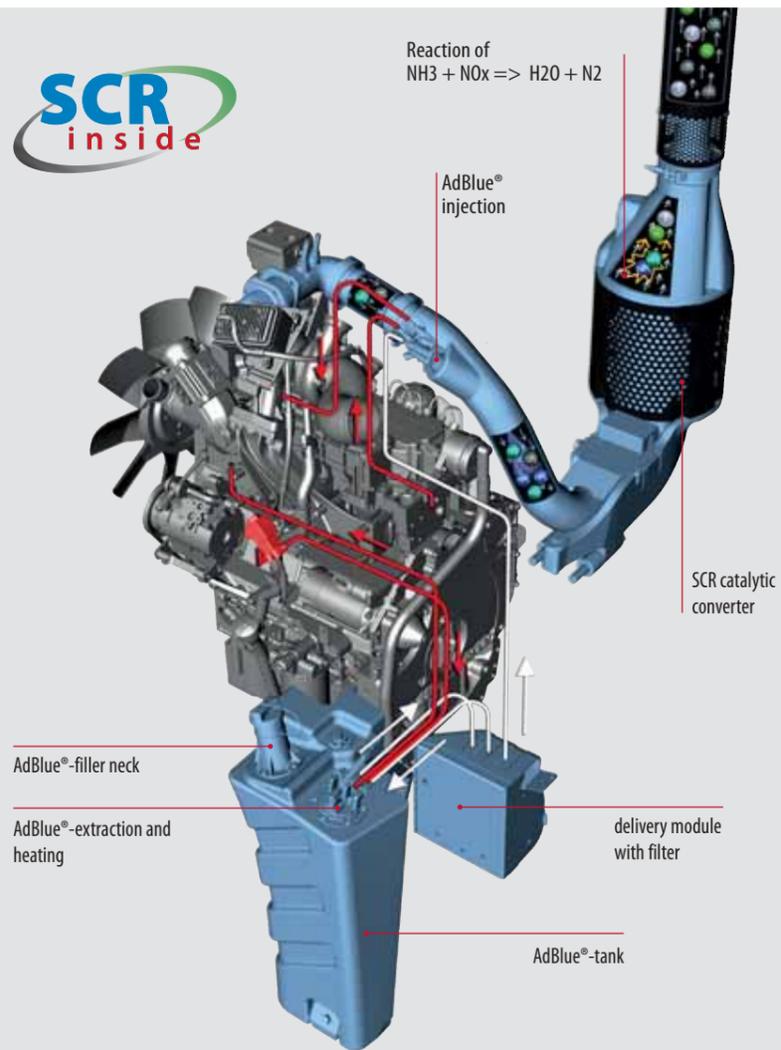
With continuously variable speed adjustment, you can utilise power reserves that are not even available to modern power shift transmissions. For every operation, the engine speed and ground speed can be optimally adjusted independent of each other. In this way, you can attain the best quality of work and higher area coverage. With the TMS Tractor Management System, the engine and transmission are always automatically operated in the optimum range at every speed. In addition to the economic advantages of the continuously variable transmission, it also provides unique benefits in ride comfort, because driving conditions are simply more relaxed.



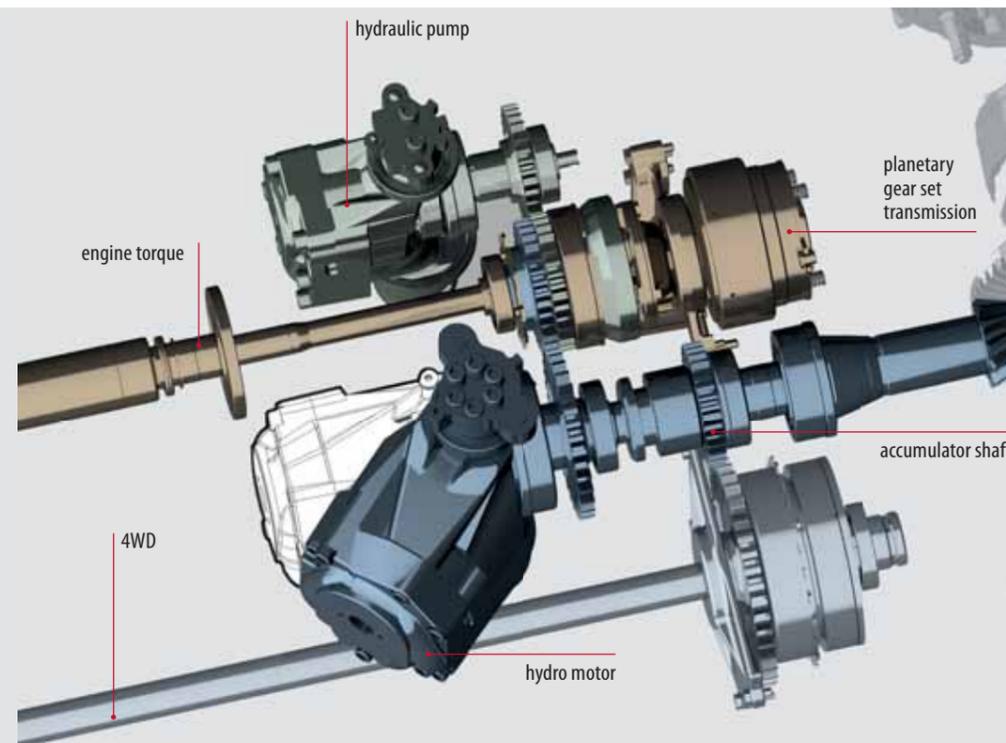
590 Nm torque, 135 hp max. power at 1900 rpm and 199 g/kWh specific fuel consumption for the 313 Vario thanks to use of state-of-the-art technology.



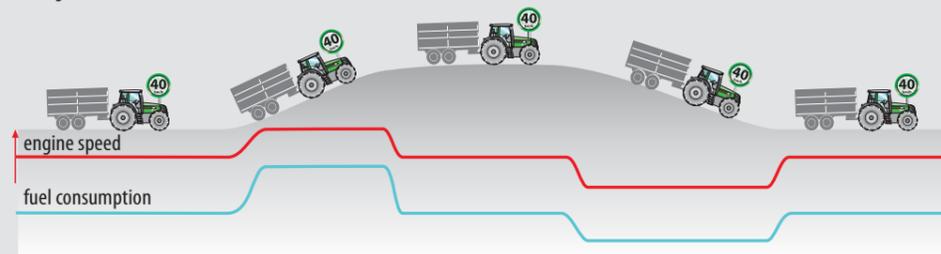
New operating fluid AdBlue®
AdBlue® is a 32.5 percent urea solution, which can be stored in large containers up to 1,000 litres. The AdBlue® tank is located directly next to the fuel tank and is easy to fill. This new operating fluid is uncomplicated to handle and poses no hazards.



SCR (Selective Catalytic Reduction) for exhaust gas after-treatment
With SCR engine technology, exhaust is after-treated with AdBlue® and the nitrogen oxides NO_x are converted into non-toxic nitrogen and water. The consumption of AdBlue®, the standard urea-water solution used by commercial vehicles, lies at an average of seven percent of the diesel consumption. This can vary depending on the operation. AdBlue® is available at filling stations all over the world or through AGCO Parts.



Automatically drive economically with the standard-equipped TMS Tractor Management System
When TMS is activated, the tractor electronics control the engine speed and transmission ratio. Operators only need to set the desired speed, TMS controls the rest. In the graphic below, one can see that the tractor drives at a reduced engine speed on level ground. On the slope, the load increases, so TMS increases the engine speed and changes the transmission ratio. As soon as the demand for tractive power decreases (on level ground or downhill), the fuel injection quantity is reduced. In this way, high area coverage is effectively combined with fuel-efficient driving.



- 4-valve 4.04 l engine: 135 hp max. output at 1900 rpm (ECE R24) and 590 Nm torque (313 Vario)
- Common rail high pressure injection system with injection pressure up to 1600 bar
- Electronic engine control EDC 17
- Turbocharger with electronic wastegate
- SCR technology for more environmental friendliness and lowest possible fuel consumption
- Viscous fan for optimum engine cooling
- Tank capacity for long work days:
Diesel tank: 195 litres
AdBlue® tank: 20 litres
- Maintenance interval for
Engine oil: 500 hours
Transmission oil: 2,000 hours
Hydraulic oil: 1,500 hours

Who goes this far?

Even for compact standard tractors, the transportation of goods for purchasing and selling is gaining importance and today already amounts to over 40 percent of operating hours. The 300 Vario allows you to haul loads at 40 km/h at a fuel-saving 1750 rpm, while offering maximum ride comfort and driving safety.



Safe and mobile

Safe driving during transport

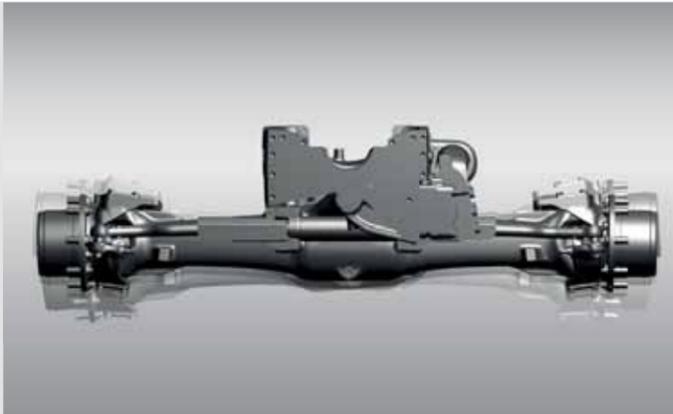
High acceleration power and a transport speed of 40 km/h make the 300 Vario an attractive haulage vehicle. However, high transport loads must be slowed down quickly in dangerous situations. That is why the 300 Vario is fitted with ring piston brakes. The shock load stabilising system ensures quiet handling, even with heavy mounted implements, and provides a significant plus in comfort.

Front axle suspension for more comfort

The self-levelling front axle suspension ensures maximum ride comfort and driving safety and is available as an option for the 300 Vario. The system is based on the tried and tested swing axle principle and can be locked. Locking the suspension makes it easier to mount front implements and allows precise guidance of front-mounted implements.

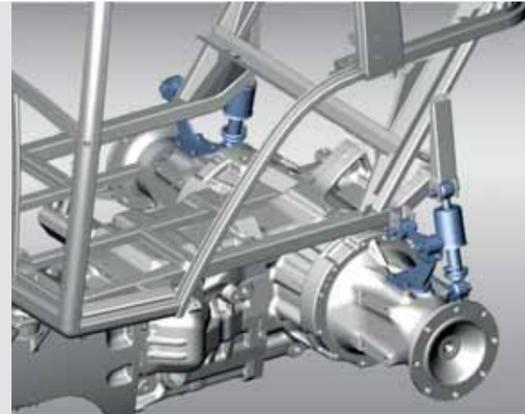
Quietness in the cab

To dampen vibrations, the cab on the 300 Vario is fitted with silent block bearings as standard. Mechanical cab suspension is available upon request. Conical bearings in the front and spring elements with an integral lateral stabiliser at the rear, absorb stressful shock loads and movements of the cab. This improves working comfort, which keeps operators alert on long workdays and protects their health in the long term.



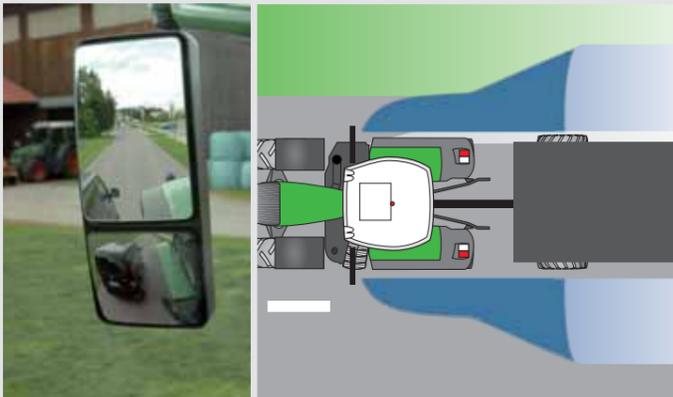
The optional hydropneumatic front axle suspension

has a total suspension travel of 90 mm along with a 20 degree swing angle. Level control maintains suspension comfort, independent of payload. That guarantees safe braking and steering of the vehicle at all times.



Cab suspension for your comfort

Thanks to the optional suspension, the 300 Vario cab is optimally supported on the rear axle. Shock loads and vibrations are absorbed by spring elements comprising shock absorbers and lateral stabilisers.



Wide-angle mirrors for a better overview

The optional wide-angle mirror expands the field of vision, which greatly enhances safety. You have a better overview of things that are happening on the sides of the tractor. The hazard zone, which is usually located in the blind spot, is easier to see into and unforeseen situations can be avoided.



Light up your field

The 300 Vario can be fitted with up to eight work lights. Xenon lamps are available for the front A-pillar and rear mudguard. Then you always have everything in view, even when working at night.



- 40 km/h transport speed at reduced engine speed (1750 rpm)
- EPC-B with shock load stabilising
- Superior driving safety and ride comfort
- Mechanical cab suspension for perfect ride comfort (optional)
- Front axle suspension with level control (optional) with locking feature for precise guidance of front-mounted implements
- Ring piston brakes on the rear axle with 4WD engagement when braking ensure safe deceleration
- Wide-angle mirror (optional)

The partner for all operations

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Ready to do it all

With the 300 Vario, you profit from a low unladen weight and comprehensive tyre options, which keep soil compaction at a minimum. If required for the application, variable ballasting options are also available. Thanks to its high lift capacity at the front and rear, optimised PTO management and, not least, the made-to-measure front loader, the 300 Vario is the absolute all-rounder for your farm.



The clever vehicle design concept

Work with ease

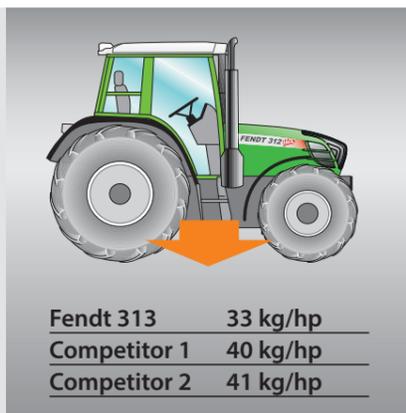
No matter if you use your tractor for arable farming or grassland operations – in either case soil compaction is a major problem. With the 300 Vario, you profit from an unladen weight of just 4230 kg (309 Vario). This results in an optimum weight-to-power ratio of just 33 kg/hp (313 Vario), which gives the tractor exceptional driving dynamics and unique liveliness. At the same time, the permissible gross weight of the new models has been increased to 8500 kg, enabling a payload of up to 4270 kg.

Compact and manoeuvrable

The compact design of the 300 Vario makes it highly manoeuvrable. Thanks to optimisation of the wheel lock and the pivoting mudguards, the front wheels can be turned further. A length of 4.15 metres, a 2.35-metre wheelbase and a 52°-steering lock result in a turning circle of just 4.2 metres. This gives you best manoeuvrability, even in tight farmyards. Furthermore, the compact dimensions of the 300 Vario enable an exceptional overview.

Flexible tyre options

The 300 Vario is equipped with universal wide tyres as standard. Fendt offers a broad range of tyres to match the versatility of the all-rounder, whether for work on slopes with a low centre of gravity (600/65R30) or for row crop work with a high ground clearance (270/95R48).



The 300 Vario combines a low vehicle weight and compact dimensions with the benefits of a continuously variable transmission. This results in exceptional dynamics through a low weight-to-power ratio of 33 kg/hp, and minimises soil compaction in all applications.



The new 300 Vario is the manoeuvrable compact all-rounder. The wheel angle has been optimised and, in combination with the pivoting mudguards, it is now even more manoeuvrable than its predecessor.



Applying fertilisers and pesticides in late growing stages increases yield. The 300 Vario has the ground clearance required for these operations. 510 mm¹⁾ even allow trouble-free operations in specialty crops.



The 300 Vario can be equipped with very wide tyres for arable farming and grassland operations to minimise damage to the soil, which results in higher yields.

1) = with tyres 270/95 R32 front and 270/95 R48 rear



- Low unladen weight of only 4230 kg (309 Vario)
- Excellent weight-to-power ratio of 33 kg/hp (313 Vario)
- High payload of up to 4270 kg (309 Vario)
- Large row crop tyres can be used:
270/95 R48 rear
270/95 R32 front
- Ideal for row crop and specialty crop work thanks to continuously variable drive which starts at 20 metres per hour
- Extremely compact dimensions for maximum manoeuvrability and best visibility
- Short wheelbase: 2350 mm
- Turning circle: 4.20 metres
- Pivoting mudguards (optional)

The genius for all implements

Powerful hydraulic system

The hydraulic system on the 300 Vario is ideally designed for the implements in this segment and has a delivery capacity of 53 l/min. When there is an exceptionally high demand in hydraulic output, the operator can engage an oil collector with a pressure switch. Then, with two gear pumps in series, the hydraulic system has a delivery capacity of 83 l/min. Bio-oils can be used for the system without any limitations.

Powerful front and rear linkage

The electrohydraulic rear linkage now has a maximum lift capacity of 5960 daN, so that in practice even heavy rear-mounted implements for this performance class can be raised over the full height without problems. The optionally available front linkage for the 300 Vario has a maximum lift capacity of 3,020 daN. It accommodates front-mounted implements up to two tonnes. The integral gas shock absorbers ensure that driving safety and ride comfort are maintained with these high loads.

Intelligent PTO management

The PTO engagement is an electrohydraulic control with 3-speed preselection. Optionally, the 300 Vario can be fitted with a ground speed PTO instead of the economy PTO. Automated PTO engagement, which automatically engages and disengages the PTO dependent on the height of the lift, is standard specification. It protects your PTO implements with a smooth start-up – you profit from lower servicing costs and a longer implement life. The external PTO controls on the tail light console (not with ground speed PTO) prove to be very practical for day-to-day work.

Always maintain contact with the ground

The 300 Vario has electrohydraulic 4WD engagement and can be engaged and disengaged under load. The same applies to the differential locks at the rear. If required, the front axle differential can be locked automatically via the Locomatic function. This quickly transfers the required power to the ground in all situations.



Save yourself unnecessary steps

The 300 Vario has external controls for the linkage and rear PTO. Mount rear implements easily and save yourself unnecessary steps, for example, when filling the slurry tank.



Ergonomic crossgate lever

Two valves can be actuated at once with the crossgate lever, without having to switch hand positions. The 1st and 3rd valves have flow control. The flow volume is infinitely adjustable from 15 to 70 litres.



Never endanger the drive shaft again

Concentrate on the essentials at the headlands. The PTO automatic mode engages and disengages the PTO as soon as the implement has been lowered or raised.



Front lift integrated in vehicle design

The optimum positioning of the front lift and implement were already taken into consideration when designing the tractor. Through the integral design of the front lift, implements are closer to the tractor and can be guided precisely.



Clutter-free

It is easy to find your way around at the rear of the tractor, because all connections are well designed and conveniently positioned. The following interfaces are available:

- Signal socket
- Hydraulic top link
- Linkage lock
- Ball holder
- Double-acting control valves
- Unpressurised rear return flow
- Air brake
- Hydraulic trailer brake
- 7-pin socket
- Lower link hook end
- Hitch
- Rear PTO
- Low hitch

- Hydraulic delivery capacity: 83 l/min (hydraulic summation 53 + 30 l/min)

- Hydraulic oil cooler

- Maximum lift capacities:
Rear: 5960 daN
Front: 3020 daN (optional)

- EPC rear power lift with
 - shock load stabilising
 - quick lift
 - lift height limiter
 - lowering throttle
 - position, draft and mixed control
 - external actuation

- Integral front lift (optional) with hydropneumatic damping

- 1st and 3rd valve with flow control and detent

- Crossgate lever

- Very high volume of available oil: 45 l

- Separate oil supplies for transmission and hydraulics for long maintenance intervals

- Bio-oils can be used for the hydraulics

Turn your Vario into a loader

Made-to-measure for your Vario

As for tractors, the demands on the performance of modern front loaders continue to increase. The answer here is Fendt CARGO. The tailor-made front loader was developed specifically for Vario tractors. During development, the focus was not only on technical specifications – comfort, safety and service-friendliness also meet the high Fendt standards.

Weights and dimensions perfectly balanced

If you upgrade your 300 Vario with the Fendt CARGO, you will profit from the perfect combination of all components. This results in the best visibility with balanced force and load distribution for practical operations. With the 3X/70 and 4X/75, the front window of the 300 Vario can be opened at any time during loader operations.

Convenient operation

The operating concept was designed for optimum driving comfort. The standard crossgate lever provides precise control of the CARGO. If you require the optional third, or even a fourth, hydraulic circuit, these are activated via push-buttons on the crossgate lever and then easily controlled with it. The optional damping system can be conveniently activated from the driver seat simply by operating a switch; the optional attachment lock is controlled in the same way (only 4X/75).

Maintenance work is finished quickly

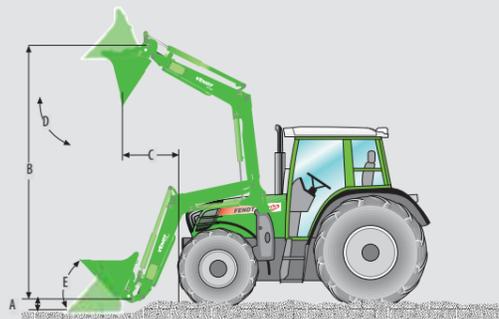
A specially designed connection between the front loader and the tractor permits all maintenance work to be performed on the 300 Vario while the front loader is attached.



You can mount and remove the front loader quickly with the Fendt CARGO Lock. With the semi-automatic lock, you do not need to use locking pins and the front loader is locked immediately after driving into it.



The front loader is controlled precisely with the crossgate lever via two control valves. Moreover, a 3rd or 4th hydraulic circuit controls the hydraulic attachment lock and the damping system.



Model		3X/65	3X/70 ²⁾	4X/75
A	Digging depth (mm) ¹⁾	110	60	225
B	Lift height (mm) ¹⁾	3850	3900	4050
C	Dumping distance (mm) B = 3,5 m ¹⁾	1350	1450	1780
C	Dumping distance (mm) B = max. ¹⁾	930	1030	1260
D	Dumping angle	55°	55°	55°
E	Backwards tilt	48°	48°	48°
	Lift capacity over full height (daN)	1680	2000	1940
	Maximum lift capacity (daN)	1850	2190	2250

If you frequently perform front loader work, we recommend the optional roof window for the 300 Vario. It gives you the best view to the raised front loader, so you can complete your loader work safely and without stress.

The 3X/65 is attached very compactly to the tractor, which shifts the centre of gravity far towards the rear. This makes it well suited for versatile work in the farmyard. High lift heights over four metres are possible with the 4X/75. When the 3X/70 or 4X/75 is mounted, the front window can still be opened completely in any position.

- The perfect combination: Tractor and front loader from the same source
- Multi-coupler for front loader mounting (standard with front loader)
- Roof window for best visibility (optional)
- Simple retrofit options for the loader
- All pipes run in the frame
- Valves and damping are protected in cross bar (4X/75)
- Euro quick-attach frame (optional SMS frame)
- 3rd and 4th hydraulic circuit (optional)
- Multi-coupler for 3rd and 4th hydraulic circuit on Euro quick attach frame (optional)
- Damping system (optional)
- Hydraulic attachment lock (optional for 4X/75)
- Wide range of original Fendt attachments (optional)

¹⁾ depends on tyres
²⁾ not with 28" front tyres

Overview of the technology

The 300 Vario is the lively and highly efficient standard tractor with up to 135 hp. Cutting-edge technologies, optimally coordinated, and extreme reliability guarantee low operating costs and the unbeatable value retention of the Fendt 300 Vario range – the original.

1. Front drive axle with 52° steering lock
2. Self-levelling hydropneumatic front axle suspension, lockable (optional)
3. Front linkage
4. Front PTO
5. Planetary final drives
6. 4.04 l Deutz engine with 4-valve technology
7. Intercooler
8. SCR catalytic converter
9. Continuously variable Vario transmission
10. planetary gear set
11. hydro motor
12. hydraulic pump
13. Enclosed 4WD clutch
14. Fuel tank with 195-l capacity
15. AdBlue® tank for 20 litres
16. Planetary axle
17. Ring piston brake for rear wheels
18. Comfort cab
19. Front of cab on conic bearings
20. Mechanical cab suspension (optional)
21. Air-sprung Fendt comfort seat
22. Vario Stick for control of the Vario transmission
23. Fendt cockpit with multi-display
24. Auxiliary work lights



Fendt	309 Vario	310 Vario	311 Vario	312 Vario	313 Vario
Engine					
Rated power (kW/hp) (ECE R24)	59 / 80	66 / 90	74 / 100	81 / 110	88 / 120
Max. power (kW/hp) (ECE R24)	70 / 95	77 / 105	85 / 115	92 / 125	99 / 135
Rated power (kW/hp) (EC 97/68) ⁴⁾	68 / 93	76 / 103	83 / 113	90 / 122	98 / 133
Max. power (kW/hp) (EC 97/68)	74 / 100	80 / 109	88 / 120	95 / 130	103 / 140
No. of cylinders / cooling / aspiration / Injection / engine control / exhaust recirculation	4 cylinders, four-valve technology / water / turbocharger, intercooler common rail / EDC / electronic wastegate				
Bore / stroke (mm) / cubic capacity (cm ³)	101/126/4038				
Rated engine speed (rpm)	2100	2100	2100	2100	2100
Engine speed at max. power (rpm)	1900	1900	1900	1900	1900
Max. torque (Nm/rpm)	410/1450	455/1450	505/1450	550/1450	590/1450
Torque rise (%)	43	43	42	42	41
Optim. fuel consumption (g/kWh)	200	199	199	199	199
Fuel tank (l)	195	195	195	195	195
AdBlue [®]	20	20	20	20	20
Oil change interval (op. hrs.)	500	500	500	500	500

Transmission and PTO					
Type	stepless Vario transmission				
Speed range: (forward / reverse)	0.02 to 40 km/h / 0.02 to 25 km/h				
Maximum speed (km/h)	40	40	40	40	40
Rear PTO (rpm) standard (optional)	540/540E/1000 (540/1000/ground PTO (7.9 rev/driven metre))				
Front PTO ¹⁾	540 or 1000				

Hydraulic system					
Type	constant flow system				
Hydraulic pump capacity (l/min)	83 (53+30)	83 (53+30)	83 (53+30)	83 (53+30)	83 (53+30)
Working pressure (bar)	200	200	200	200	200
Rear linkage control	EPC, lower link control, shock load stabilising				
Max. auxiliary valves, (standard) incl. front controls	4 da ³⁾ (2 da ³⁾) valves / crossgate lever				
Max. lift capacity, rear linkage on the drawbar (kN/kp)	5960	5960	5960	5960	5960
Max. lift capacity, front linkage (daN)	3020	3020	3020	3020	3020
Max. available hydraulic oil (l)	45	45	45	45	45

Brakes					
Rear brakes	wet, integrated ring piston brake				
Front brakes	4WD engagement				

Weights and dimensions					
Unladen weight to DIN 70020 (kg)	4230	4290	4290	4450	4450
Perm. overall weight (kg)	8500	8500	8500	8500	8500
Max. payload (kg)	4270	4210	4210	4050	4050
Max. hitch load (kg)	2000	2000	2000	2000	2000
Overall length (mm)	4150	4150	4150	4150	4150
Overall width (mm)	2165	2275	2275	2385	2385
Overall height (mm)	2755	2760	2760	2800	2800
Max. ground clearance (mm)	510	510	510	510	510
Wheelbase (mm)	2350	2350	2350	2350	2350
Front track ²⁾ (mm)	1685	1685	1685	1820	1820
Rear track ²⁾ (mm)	1660	1660	1660	1800	1800
Min. turning circle (m)	4.2	4.2	4.2	4.4	4.4

Electrical equipment					
Starter (kW)	4.0				
Battery	12V / 90Ah				
Alternator	2002 W / 14V / 150 A				

Tyres 4WD version					
Standard front	380/70 R24	440/65 R24	440/65 R24	480/65 R24	480/65 R24
Standard rear	480/70 R34	540/65 R34	540/65 R34	540/65 R38	540/65 R38
optional front	480/65 R24				
optional rear	600/65 R34				
optional front	425/75 R20	425/75 R20	480/65 R24	480/60 R28	480/60 R28
optional rear	600/65 R30	600/65 R30	540/65 R38	600/60 R38	600/60 R38
optional front	480/65 R24	480/65 R24	480/60 R28	420/70 R24	420/70 R24
optional rear	540/65 R38	540/65 R38	600/60 R38	420/85 R38	420/85 R38
optional front	270/95 R32				
optional rear	270/95 R48				

¹⁾ = optional, ²⁾ = with standard tyres, ³⁾ = can also be operated as single-acting, ⁴⁾ = power specifications for registration
Your Fendt dealer will be pleased to inform you about further tyre options.

Standard and optional equipment	309	310	311	312	313
Cab					
Driver information system with LCD display	●	●	●	●	●
Variostick control	●	●	●	●	●
Vario TM Engine-Transmission Management System	●	●	●	●	●
Height and tilt-adjustable steering column	●	●	●	●	●
Fendt Comfort Seat, air-sprung with backrest extension, lumbar support	●	●	●	●	●
Super comfort seat with seat heater, low frequency suspension and pneumatic lumbar support	□	□	□	□	□
Mechanical cab suspension	□	□	□	□	□
Radio mounting kit with two stereo loudspeakers	●	●	●	●	●
Radio MP3	□	□	□	□	□
Wide-angle mirror	□	□	□	□	□
Roof hatch	●	●	●	●	●
Hot water heating with three-speed blower	●	●	●	●	●
Ventilation system with 3-speed blower in roof ¹⁾	□	□	□	□	□
Ventilation system with inf. adj. blower in roof ¹⁾	□	□	□	□	□
Air-conditioning ¹⁾	□	□	□	□	□
Rear window wash/wipe	□	□	□	□	□
Work lights roof rear ¹⁾	●	●	●	●	●
Work lights A-pillar, roof front ¹⁾ , mudguard	□	□	□	□	□
Work lights Twin-Power, roof front/rear ¹⁾	□	□	□	□	□
Work lights Xenon A-pillar, rear mudguards	□	□	□	□	□
Terminal bracket	□	□	□	□	□
Roof window	□	□	□	□	□

Engine					
Heated fuel prefilter	□	□	□	□	□
Air filter precleaner	□	□	□	□	□
Cold start automatic	●	●	●	●	●
Engine pre-heater	□	□	□	□	□
Exhaust brake	□	□	□	□	□
Tank cap, lockable	□	□	□	□	□

Transmission					
Turboclutch function	●	●	●	●	●
Cruise control, load limit control	●	●	●	●	●
Shuttle function	●	●	●	●	●
Acoustic signal when reversing	□	□	□	□	□

Chassis / driving safety					
Compressed air system	□	□	□	□	□
Shock load stabilising EPC-B	●	●	●	●	●
Self-levelling front axle suspension	□	□	□	□	□

Standard and optional equipment	309	310	311	312	313
4WD/differential locks					
Central four-wheel drive, maintenance-free	●	●	●	●	●
Comfort engagement 4WD / differential lock	●	●	●	●	●

Powershift PTOs					
Rear: 540/540E /1000 rpm	●	●	●	●	●
Rear: 540/ground PTO/1000 rpm	□	□	□	□	□
Front: 540 rpm or 1000 rpm	□	□	□	□	□
PTO engagement control, electrohydr. preselection	●	●	●	●	●
External rear PTO controls	●	●	●	●	●

Hydraulic system					
Tandem pump, hydraulic oil cooler	●	●	●	●	●
Electrohydraulic lift (EPC-B)	●	●	●	●	●
External rear linkage controls	●	●	●	●	●
Crossgate lever	●	●	●	●	●
Front linkage	□	□	□	□	□
Front loader, front loader mounting parts	□	□	□	□	□

Body					
Low roof version	□	□	□	□	□
Hitch rear	●	●	●	●	●
Automatic hitch with	□	□	□	□	□
Remote control, rear	□	□	□	□	□
Ball-type coupling	□	□	□	□	□
Hitch coupling	□	□	□	□	□
Swinging drawbar	□	□	□	□	□
Piton fix	□	□	□	□	□
Rotating beacon	□	□	□	□	□
Wheel ballast weights rear wheels	□	□	□	□	□
Front weights, various sizes	□	□	□	□	□

¹⁾ = not possible for low roof version
The Fendt on-line configurator:
Here you can put together your own custom Fendt according to your wishes. Visit www.fendt.com

The Fendt overall profitability

Invest right – and keep on saving

It is clear that you get cutting-edge technology with a Fendt tractor. However, there is much more to the overall cost picture of a Fendt Vario: from competent consultation, to comprehensive services up to the exceptional value retention of a Fendt tractor.

Fendt overall profitability

- Fendt Efficiency for the best cost-effectiveness per hectare
- Fendt Comfort for pleasant working conditions day after day
- Fendt Retention of Value for an unbeatable resale value
- Fendt Service for competent consultation and full reliability
- Fendt Flexibility for custom financing and individual offers
- Fendt Expert Driver Training for the most efficient Vario driving

Efficiency: the recipe for successful economical operations

We make no compromises when it comes to this subject, because our objective is to be the leader for cost-effectiveness per hectare and kilometre. The very best technology is just good enough here, for example, as is found in the 300 Vario: the highly efficient Vario drive train and the fuel-saving SCR technology in combination with TMS. These further increase the already first-class efficiency of the Vario and reduce costs per hectare and kilometre.

Retention of value = future-proofing plus quality

Every Fendt customer knows – things are settled at the end of the service life of a tractor. And this is a true joy for Fendt owners, because the resale value of a Fendt Vario is unbeatable. As a trendsetter, Fendt continually sets important new standards and installs technology that continues to be in demand in the future. Add to that the high quality, which stands for operational reliability and a long life. The total is a retention of value that only Fendt can offer you.

More freedom for investments – tailor-made financing through AGCO FINANCE and the custom service package

A custom financing package with attractive conditions and flexible terms offers you an ideal opportunity to match your investment to the needs of your farm or business. With a Fendt Service Package, you also have servicing and repair costs under control. When purchasing your tractor, you can already plan the prescribed service work based on attractive fixed prices – with the Service or comprehensive ProService package.



FENDT

Leaders drive Fendt



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Fendt is a world wide Brand of AGCO.

All data regarding delivery, appearance, performance, dimensions and weight, fuel consumption and running costs of the vehicles correspond with the latest information available at the time of going to press. Changes may be made before the time of purchase. Your Fendt dealer will be pleased to supply you with up-to-date information.

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