

# FENDT

Fendt 200 V/F/P Vario







My partner.

Fendt has been setting new benchmarks for powerful cutting-edge technologies since 2009. Discover the Fendt 200 V/F/P Vario series with its efficiency, productivity and safety, coupled with the ultimate in ride comfort in vineyards, orchards and hop growing.



**Three times top**  
The smallest Fendt – your partner for a range of applications. Each variant has its own specifications:

**Fendt 200 V Vario**  
The classic narrow track tractor. High tech from an outer width of 1.07 m. Optionally with wide front axle for more manoeuvrability.

**Fendt 200 F Vario**  
The Fendt 200 F Vario offers the comfort of the 10 cm wider cab from an outer width of 1.32 m.

**Fendt 200 P Vario**  
The special tractor with wider axles and higher lift capacities from 1.68 m outer width.

The Fendt Vario is the right partner for any situation, whether vineyards, orchards, hop fields, in hothouses, in horticulture and landscaping, or in local municipalities. The Fendt Vario offers the right solutions to your problems.



- Flexible, compact, efficient**  
The Fendt 200 V/F/P Vario is a special tractor to make your daily work more flexible and efficient. It offers:
- TIM Guidance-ready: Pre-installed module for guidance system
  - VarioActive: Superimposed steering system
  - Reversible fan
  - Front PTO 540E with 750 rpm for flexible implement combinations
  - External operation of power lift and PTO from both sides
  - LED work lights
  - LED indicator and position lights integrated into the A-pillar
  - Floor heater

My perfect partner.

	207 Vario V/F	208 Vario V/F	209 Vario V/F/P	210 Vario V/F/P	211 Vario V/F/P
kW/hp	57/77	63/86	71/96	77/104	82/111
Maximum power ECE R 120					



FENDT 200 V/F/P VARIO: ENGINE

My partner – strong and efficient.

Pure performance

The performance range of the Fendt 200 Vario goes from 77 to a maximum output of 111 HP. The 3-cylinder AGCO power engine features passion and dynamics, as well as high performance coupled with unrivalled stability. The 4-valve technology together with the turbo-charger and wastegate utilises the full power potential.

Easy to clean

Thanks to the diesel oxidation catalyst (DOC) and external exhaust gas recirculation (EGR), the stringent emissions standards from stage 3b are met without excessive maintenance. The compact tractors are extremely economical: reduced speeds and high torque allow transport speeds of 40 km/h at just 1,750 rpm. A new cooler unit, the high-performance air filter and reversible fan reduce the maintenance work needed to allow continuous operation with no interruption.

Efficiency for top performance

The Tractor Management System (TMS) controls the engine in tandem with the continuously variable gear-box to provide the ultimate in cost efficiency. TMS makes the tractor really easy to drive, either using the joystick or with the driving pedal. When TMS is activated, the tractor electronics control the engine speed and transmission ratio. The driver only needs to set the desired speed, TMS controls the rest.

Economical and low-maintenance

The fuel pre-filter with thermostatic valve always allows the tractor to operate reliably, even at very low temperatures well below zero, since the pre-warmed fuel flows from the return into the pre-filter. The radiator and filter are arranged for ease of maintenance. A straightforward dashboard displays a wide range of information, e.g. PTO speed, road speed or even fuel consumption.



Regardless of whether you choose the exhaust unit at the bottom, or the unit fitted at the top: The targeted cooling of the recirculated exhaust gas (EGR) significantly reduces the fuel consumption. Together with the diesel oxidation catalyst (DOC), this ensures compliance with current emissions regulations.

Reversible fan allows easy, quick radiator cleaning without any downtime for operating efficiency.



Easy switchover: Display what you need for your work in the multi-function display, e.g. the current and average fuel consumption or the worked area.



High-performance filter for high separation capacity under difficult conditions.





FENDT 200 V/F/P VARIO: GEARBOX

My partner – the right choice for safety.

Fendt Vario = outstanding ride comfort

The continuously variable Vario gearbox guarantee excellent ride comfort and potential savings from 0.02 km/h (20 m per hour) up to a maximum speed of 40 km/h with continuous power transmission without changing gears. This means you can always work at the exact speed that suits the work at hand. Even on extreme slopes you can brake continuously until you come to a standstill, secure the machine on the slope using the active stop control, and then drive away smoothly. This protects your ground and enhances safety.

The right speed

for the PTO can be conveniently pre-selected using buttons: 540, 540E/750 and 1000 rpm are available in the rear (ground PTO optional). The external controls at the rear are extremely practical. The Fendt 200 Vario PTOs feature outstanding efficiency, since the flow of power to the PTO stub flows through a direct drive line from the Vario transmission. A 540E (750 rpm/min at the rated engine speed) or 1000 PTO is available for the front mount.



The direct through drive of the PTO ensures excellent efficiency. Speed is reduced directly on the PTO stub.

Well-balanced and efficient with TMS

You just have to specify the desired speed. The tractor management system (TMS) controls the engine rpm and gearbox ratio to always offer the ultimate in cost efficiency. Frequently changing operations are part of the daily routine of a specialty tractor. Whether for transport, on vineyards or in orchards, Fendt 200 V/F/P Vario has been designed for ideal performance, low fuel consumption and reduced wear on components.

Relaxed driving at the limit

The Fendt 200 V/F/P Vario now offers fully-automatic maximum output control 2.0 in the specialty tractor sector. The overloading automatically determines the power consumption, and the engine always operates within the ideal speed range. Operators can decide to adjust the maximum output control manually.

Fendt offers the ultimate in ride comfort and safety both on and off road, and the TMS always ensures efficient, low revs.



The PTOs operate independent of the road speed. For example, you can drive slowly when mulching a dense uncut crop, and to drive faster, continuously, without changing gears or switching off in sparse crops.



Efficient combination of processes. With the 540E/750 front PTO, you can drive the mulcher at the operating speed, though the sprayer in the rear and the tractor operate at a reduced engine speed.



Handy PTO comfort switch with automatic function in the armrest.



## FENDT 200 V/F/P VARIO: CAB

My partner – simply makes me feel good.



### LED work lights

LED work lights are available for perfect vision at any time.

### Gearbox tunnel, clear access

The Fendt 200 V/F/P Vario cab, specially designed for this class, provides a top quality work space: unparalleled legroom with no obstacles and a perfect panoramic overview. All working and operating functions are integrated into a central operating concept on the right-hand side. The tilting and height-adjustable steering wheel is used to adjust the seat position to best suit your needs.

### Perfect work environment

The efficient heating and ventilation system with integral manual or automatic air-conditioning ensures an optimum working environment. Warm feet – cool head: The hot water heater with optional electric floor heater even warms your feet on extremely cold days, whilst the air conditioning system fitted in the cab roof ensures a pleasant temperature in the cab when it's hot outside.

### Best visibility in all directions

The extensive glazing, the narrow steering column and the roof window gives you a clear view of your implements. All switches and buttons are backlit and glare-free for easy visibility in the dark. The ambient interior lighting allows you to check the unlit controls of your implements at night.

### Quiet cab

Decoupling the cab and tractor body with conical bearings prevents vibrations and noise being transferred to the cab. The extremely well insulated cab and the water-cooled engine, which is extremely smooth-running at low engine speeds, ensure optimum noise reduction.

All options for a pleasant working climate are provided by the ventilation, floor heater and automatic climate control.



Comfortable, ergonomic control and the compact size go hand in hand in the Fendt 200 V/F/P Vario. All controls are arranged without easy reach on the right-hand side.



The steering console is adjustable in width and is adapted to your seat position.



For use in hothouses or in restricted spaces, Fendt offers variants without a roof and with a roll bar.



The extensive glazing and narrow steering column allow an excellent view to implements at all times. When working overhead, e.g. in hop fields, the roof window provides ideal visibility.



FENDT 200 V/F/P VARIO: OPERATION

My partner – makes it easy for me.

Pleasant workplace

Perfectly arranged controls as well as an ergonomically designed work space makes work far more efficient, and means you'll climb off the tractor feeling relaxed at the end of a long day. A centralised operating unit with integral armrest is located on the right-hand side on all 200 Fendt V/F/P Vario models. The optional Profi package is also available depending on requirements.

Vario Joystick

The standard device is already the ideal device for easy and comfortable operation. At the core of the control concept is the Vario joystick which is optimally adapted to the continuously variable transmission. The Vario Joystick controls the gearbox and cruise control, activates the engine speed memory, and activates the signal sockets (3 and 4) to control e.g. electric solenoid valves on your implement.

For bigger challenges: the Profi package

The Profi package leaves no wishes open and offers extensive application options for professional operations. This enhanced equipment level includes additional control valve functions and automated functions for the rear power lift and rear PTO, which are controlled with the multi-function joystick. Always maintain control of your key functions, and operate your Fendt 200 V/F/P Vario without constantly changing hands.

Sensitive controls

The crossgate lever next to the joystick permits sensitive control of the first and second control valves. The third to fifth control valves are controlled with three linear modules, which are conveniently located in front of the armrest. The PTO controls also lie well within reach. The EHR controls and keypad for hydraulic side and tilt adjustment of the rear power lift, are also easily accessible in the right-hand control panel.

On the dashboard, you can quickly and easily operate the multiple display, comfort engagement for 4WD, differential lock and front axle suspension as well as the Tractor Management System TMS.

The Stop & Go function on the reverse gear stick brings the Fendt V/F/P Vario to a stop, and accelerates it in the direction in which the button was activated.



You have everything under control with the buttons on the comfortable multi-function joystick: Rear power lift, control valves, cruise control and speed memory. The armrest folds up to expose a rotary control that can be used to select the button assignment for the multi-function joystick.

In the standard version, the Fendt 200 V/F/P Vario is controlled via Vario Joystick which also has an engine speed memory button and the cruise control memory button.



FENDT 200 V/F/P VARIO: VARIOTRONIC

# My partner – now and in the future.

**Less burden, better productivity**

Current management methods in orchards and vineyards and specialised crops need up to 20 passes a year. This places huge demands on both people and machines, which in turn influence the results. For this reason, the Fendt 200 V/F/P Vario provides the option of using automatic steering systems via the ISOBUS standard and TIM Guidance-ready pre-installed module for the guidance system. This allows you to steer accurately over the area in relation to position, or to be guided precisely along the row using sensor systems, therefore always maintaining an ideal distance to the crop using the mulcher or sprayer.

**Let someone else do the steering**

Position-related GPS systems can be steered to an accuracy of 2 cm during work. The machine also uses ultrasonic sensors which record the exact position of the row in real time, and therefore accurately steer the Fendt 200 V/F/P Vario at the pre-set distance. The module includes the hydraulic steering valve and the required sensors with wiring set. Your Fendt 200 V/F/P Vario offers integrated buttons on the control panel for activation.

**VarioActive reverses in just one action**

Steer quicker to the next row with the VarioActive steering system. For the first time, Fendt offers the VarioActive steering system in the specialty tractor sector with the new 200 V/F/P Vario. With activated VarioActive steering, the number of steering wheel turns from full lock to full lock is halved. When working, e.g. when driving into a new line, the new function gives you a real edge, as much less “cranking” is required on the steering wheel.

Position-based GPS steering systems in the Fendt 200 V/F/P Vario work to an accuracy of up to 2 cm.



The guidance system terminal is integrated to best effect and is easily readable.



Ultrasonic sensors are used for track recognition within buildings or crops under cover.



The VarioActive superimposed steering system and the Guidance system can be conveniently activated on the steering wheel console.



The VarioActive function allows you to achieve full steering lock with just one turn.



FENDT 200 V/F/P VARIO: VEHICLE CONCEPT

My partner –  
overcomes any challenge

Unbeatably manoeuvrable, unbeatably safe

The high-quality front axle design combines manoeuvrability and robustness with safe handling. It is therefore easy to change over to the next row at the end of the row. 58° steering angle, wasp-waist design, front axle suspension with anti-roll control, and the high load capacity of the axles form the basis for maximum performance of man and machine.

Power on all wheels

In addition to the permanent 4WD, the Fendt 200 V/F/P Vario also has automated 4WD. The automated 4WD controls 4WD engagement fully automatically, dependent on steering angle and speed. This ensures complete manoeuvrability at all times, reduces tyre wear, and takes the strain off the operator.

High-quality multi-disc differential locks

Through the use of high-quality 100% locking differentials at the front and rear (V and F), the locks can be fully engaged and disengaged under load. The locks release immediately when disengaged. The Fendt 200 P Vario has the tried and tested Locomatic self-locking differential in the front axle. 4WD and differential lock remain active when the engine comes to a stop and when restarted – increasing your safety on slopes.

Exceptional ride and operating comfort

The intelligent combination of three systems guarantees maximum ride and operating comfort: the self-levelling front axle suspension with anti-roll control, the cab on silent bearings and the active shock load stabilising. The suspension does a great job of minimising jolts and unevenness on the road and in the fields. Self-levelling provides a consistently high level of ride comfort even with high payloads.



Front axle suspension with levelling box and anti-roll control. Safe driving, especially with heavy front-mounted implements. Full traction in any situation.

The smallest turning radius is just 3.2 m, depending on the tyres. You will notice this immediately at the end of the row, where you can switch to the row after the next without having to change direction.



The streamlined wasp-waist design allows a wide steering angle up to 58° and outstanding manoeuvrability in combination with the VarioActive steering system.



Soil protection is a combination of many factors: Swinging power lifts with a traction point at the front, 4WD and automatic differential lock, levelling box and anti-roll control on the front axle. Optimal traction under any conditions.



FENDT 200 V/F/P VARIO: HYDRAULICS

My partner – a fusion of many talents.

Universal dual-circuit hydraulics

The Fendt 200 V/F/P Vario hydraulic system, well-designed down to the last detail, offers sufficient control valves, separately adjustable flow rates, a prioritisation function, adjustable responsiveness, and much more besides. The benefit of two usable hydraulic circuits lies in the reduction of idle power thanks to the requirement-based oil distribution.

Powerful hydraulics

Fendt 200 V/F/P Varios are fitted with a load-sensing hydraulic system. Modern axial piston pumps deliver the exact quantity of hydraulic oil required – up to 71 l/min and with flow summation 104 l/min. A maximum of 25 litres of hydraulic oil is available to mounted and trailed implements. The oil supplies for the transmission and hydraulics are separate. This allows bio oils to be used in the hydraulics without a problem. A less complex hydraulic option with a tandem pump is also available.

Sensitive controls

The crossgate lever permits sensitive control of the first and second control valves. The third to fifth control valves are controlled by linear modules, conveniently located in front of the armrest.

Auxiliary valve equipment for all cases

In the Profi package, the Fendt 200 V/F/P Vario has four electric double-acting auxiliary valves as standard specification and can be optionally equipped with up to six auxiliary spool valves. The auxiliary spool valves are controlled with the crossgate lever, linear modules and the multi-function joystick.

Four double-acting valves on the right-hand and two valves on the left-hand side, together with return flow and cross connection, permit optimal supply of high-level hydraulic combinations. You can use up to 3 mounts at the same time for time and cost-saving combinations.



You have everything under control with the buttons on the comfortable multi-function joystick: Rear power lift, control valves, cruise control and speed control. The right crossgate lever controls the 1st and 2nd valves. The buttons on the crossgate lever control 2 electrical functions.



The armrest folds up to expose a rotary control that can be used to change the button assignment for the multi-function joystick. The oil flow volume of the individual valves can be very easily set with the rotary controls.



FENDT 200 V/F/P VARIO: FRONT AND INTER-AXLE MOUNTING

My partner – simply irreplaceable.

Strong and adaptable: The front linkage

The front linkage on the Fendt 200 V/F Vario has a lift capacity of 2,380 daN. The lower links fold up easily. If you detach the lower links completely, an implement attachment plate is available for compact mounting of front implements. The front linkage on the Fendt 200 P Vario has a lift capacity of 2,540 daN. The lower links can also be folded. All variants can be conveniently operated directly via the multi-function joystick or the cross-gate lever. Even without the front linkage, a mounting plate is fitted between tractor and implement as a secure, stable interface.

Inter-axle mounting

The exhaust variant at the top and implement mounting plates in the inter-axle section are a great option for mounting inter-axle implements, e.g. a weeder. The combination of hydraulic functions with the mounts allows cost-effective implement combinations for efficient operation,

and the mounting plates integrated in the front linkage always provide a stable and secure base for heavy front-mounted implements.



The front hydraulics lower links can be folded compactly in just a few steps.



2,540 daN lift capacity is available on the front linkage in the P variant.



Inter-axle mounting for efficient use of flexible implement combinations.



Clear view of your implements. Many well-designed details for ergonomic operation.



FENDT 200 V/F/P VARIO: REAR POWER LIFT

My partner – always unique.



**The Fendt 200 V/F/P Vario rear power lift**  
The Fendt 200 V Vario has a lift capacity of 2,775 daN, the F variant has 2,417 daN and the P variant 3,143 daN. The external controls on the two rear mudguards facilitate the mounting of implements. On the Fendt 200 V/F Vario the rear power lift acts as a swinging power lift, and in the hydraulic version, the lateral and tilt adjustment is controlled via the user-friendly keypad. On steep slopes in particular, the Fendt swinging power lift has proven its worth, as it is linked in front of the rear axle and provides reliable traction, especially on a slope.

**Efficient PTO**  
The PTO selector is an electrohydraulic control with 3-speed preselection. The standard PTO automatic mode automatically engages and disengages the PTO, depending on the height of the rear power lift. If engaged externally, the automatic engine speed increase can be used. The adjustable PTO engagement with its modified and highly-precise starting protects the PTO implements. You benefit from low maintenance costs and a longer life for your implements. A ground PTO is available for special applications.

Two hydraulic cylinders tilt the 3-point linkage in both directions. The rear implements can even be guided precisely on slopes.



The lower links can be adjusted to the left and right using the two hydraulic cylinders, and guide the rear implement precisely along the row. Free floating is possible in the floating position.



You can control the lateral and tilt adjustment of the swinging power lift, as well as swing and lock, with the push of a button. The tilt adjustment display always shows you the setting to suit your application.



The swinging power lift on the V/F variants is linked in front of the rear axle. The width-adjustable lower links and hooks allow simple adjustment to match any implement.



The rear power lift can be easily adjusted in the EHR control panel. The button can be transferred to the multi-function joystick with the automatic function.



A fully-fledged Cat2 power lift is available in the P-variant. All connections are clearly arranged and easily accessible on all variants.



FENDT 200 V/F/P VARIO: SERVICE

# My partner – always there for me

**Investment with high value retention**

Those who invest in a tractor, also invest in the future. The Fendt 200 V/F/P Vario is your investment in an excellent, high-yielding future. 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. Any problems can be analysed quickly using failure alarms on the display. The separate oil supply means transmission oil only needs to be changed every 2,000 operating hours under normal conditions. The Fendt 200 V/F/P Vario has a number of factors that keep downtimes and maintenance costs low.

**Long-term economy**

High levels of efficiency are reflected in higher yields while using fewer resources, such as fuel, operating inputs or time. The Fendt 200 V/F/P Vario is also following in the footsteps of its predecessors, and delivers maximum performance at low speeds – to protect all components and reduce fuel consumption. 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 of 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.

**Smartphone App**  
Use the "AGCO Parts Books To Go" smartphone app to find and order Fendt spare 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 best product, the best services: Certified Fendt dealers are distinguished by their first-class expertise and their comprehensive range of services. Your Fendt is in good hands here.



FENDT 200 V/F/P VARIO

My partner: Great in every detail.



□ The indicator and clearance lights are neatly integrated into the A-pillar.



□ Bright LED work lights in the front roof section have a long range.

□ Integrated work lights in the A-pillar supply additional illumination of your surroundings and protect your crops



□ Retain an overview of the implements at the back of the roof with the LED work lights.



□ Without the front linkage, there is an option to fasten additional ballast directly onto the frame.



□ Two work lights can also be fitted at the front in the version with auxiliary headlights.



□ Additional wheel weights increase the rear axle traction.



□ The front-end weight provides for a better powertrain function on the front axle.



■ The synthetic leather seat is water and dirt-repellent and is a perfect match for models without a roof.



□ The fabric driver's seat is comfortably sprung.



■ The roof window's sun shade protects against dazzling sunlight.



□ Clear, interference-free phone calls can be made via Bluetooth using the hands-free speaking system.



□ On request, the side rear view mirrors can be fitted in a detachable version.



■ The side mirrors can simply be folded in.



■ The different driving strategies can be conveniently pre-selected at the touch of a button.



■ The driving pedal sensitivity can be adjusted for even more precise work.



■ The temperature gauge always provides you with reliable information on the outside conditions.



■ The reaction steering system ensures a safe ride on the roads.



FENDT 200 V/F/P VARIO

My partner: Great in every detail.



■ The required PTO speed can be conveniently selected via the rotary control.



□ The external controls for hydraulics and PTO are located on the rear mudguards.



■ The PTO stubs are really easy to couple thanks to the bevelled and modified profile.



■ The PTO start-up control protects the coupled implements.



□ The hydraulic hoses are always neat and clutter-free thanks to fasteners at both sides.



□ A dual-circuit air braking system is integrated.



□ With the steep lift, the implement does not drag along the ground on slopes when driving into a row.



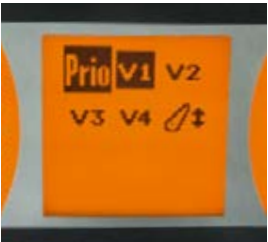
■ The third and fourth control circuits are conveniently activated via a button or switch on the electric crossgate lever.



■ The sensitivity of the hydraulic control units can be easily adjusted in the display.



□ The hydraulic link prevents loose hoses above the bonnet.



■ Use the priority function to select the preferred hydraulic consumer.

EQUIPMENT VARIANTS

Fendt 200 V/F/P Vario. My partner.

	200 V	200 F	200 P
Engine			
Reversible fan	□	□	□
Engine preheater	□	□	□
Transmission			
Vario TMS - Tractor Management System	□	□	□
Shuttle function, stop-and-go function	□	□	□
Cruise control	■	■	■
Acoustic signal when reversing	□	□	□
Vario operation			
Vario Joystick	■	■	■
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	□	□	□
ready for automatic steering system	□	□	□
VarioActive steering	□	□	□
Cab			
Safety frame	■		■
Low roof version	□	□	□
Comfort cab	□	■	□
Active charcoal filter	□	□	□
Comfort seat, air sprung			
Heating with 3-step fans			
Air-conditioning	□	□	□
Integrated automatic climate control	□	□	□
Hinged front/rear windows	■	■	■
Rear window wash/wipe	□	□	□
Telescoping rear view mirror	□	□	□
Brake level device	□	□	□
Electric battery disconnect switch	□	□	□
Roof window, hinged, with roller shade	□	■	□
Lighting			
Auxiliary lights front	□	□	□
Rear working lights	□	□	□
Work lights A-pillar	□	□	□
Rotating beacons	□	□	□
Chassis			
Front axle suspension self-levelling, lockable	□	□	□
Compressed air system 1-/2- circuit system	□		□

	200 V	200 F	200 P
4WD			
Comfort engagement controls for 4WD / differential locks	■	■	■
Rear / front differential with 100% disc locking and steering angle sensors	■	■	
Power lift			
Tractive power and stepless mixed control	■	■	■
Clearance, position control	■	■	■
Front power lift	□	□	□
Externally controlled rear power lift	■	■	■
Swinging power lift	■	■	
Mech. lateral and tilt control	■	■	
Hydr. lateral and tilt adjustment with enhanced actuation	□	□	
Steep lift	□	□	
PTO			
Front: 540E rpm	□	□	□
Front: 1000 rpm	□	□	□
Rear PTO 540/WZW/750 rpm	□	□	□
Rear: Flanged PTO 540/540E/1000 rpm			
External controls for rear PTO	■	■	■
PTO comfort control, electrohydr. preselection	■	■	■
Hydraulics			
Tilt control indicator, swinging power lift	□	□	
Hydraulic tandem pump, hydraulic oil cooler (41+ 35 l/min)	■	■	■
Load sensing system with axial piston pump (35+71 l/min)	□	□	□
1. EHS valve middle and rear			
2. EHS valve middle and rear	□	□	□
3. EHS valve middle and rear			
4. EHS valve middle and rear	□	□	□
1 left/centre EHS valve	□	□	□
2 left/centre EHS valves	□	□	□
Additional equipment			
Manual hitch	■	■	■
Automatic trailer hitch without remote control, rear	□	□	□
Front weights, various sizes	□	□	□
Wheel weights, rear wheels	□	□	□
Implement mounting plate	□	□	□
Direction indicator and clearance lights on front of roof			



FENDT 200 V/F/P VARIO

Technical Specifications.



		207 V	207 F	208 V	208 F	209 V	209 F	209 P	210 V	210 F	210 P	211 V	211 F	211 P
Engine														
Rated power ECE R 120	kW/hp	53/72	53/72	60/81	60/81	67/91	67/91	67/91	73/99	73/99	73/99	74/101	74/101	74/100,6
Maximum power ECE R 120	kW/hp	57/77	57/77	63/86	63/86	71/96	71/96	71/96	77/104	77/104	77/104	82/111	82/111	82/111,5
No. of cylinders	Number	3	3	3	3	3	3	3	3	3	3	3	3	3
Cylinder bore/stroke	mm	108/120	108/120	108/120	108/120	108/120	108/120	108/120	108/120	108/120	108/120	108/120	108/120	108/120
Cubic capacity	cm³	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300
Rated speed	rpm	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
Optimum fuel consumption	g/kWh	212	212	212	212	210	210	210	210	210	210	210	210	210
Max. torque at 1600 rpm	Nm	306	306	348	348	389	389	389	422	422	422	463	463	463
Torque rise	%	28.0	28.0	32.0	28.0	28.0	28.0	28.0	27.0	27.0	27.0	37.0	37.0	37.0
Fuel level	litres	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0

Transmission and PTO														
Transmission type		ML70	ML70	ML70	ML70	ML70	ML70	ML70	ML70	ML70	ML70	ML70	ML70	ML70
Speed range forward	km/h	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40
Speed range reverse	km/h	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25
Top speed	km/h	40	40	40	40	40	40	40	40	40	40	40	40	40
Rear PTO		540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000	540 / 540E / 1000
Rear PTO optional (including ground speed PTO)		540 / 540E / 5,4												
Front PTO option		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	540/1000
Front PTO option 2		540 E	540E	540 E	540E	540E	540E	540E	540E	540E	540E	540E	540E	

Power lift and hydraulics														
Dual hydraulic pump	l/min	33+42	33+42	33+42	33+42	33+42	33+42	33+42	33+42	33+42	33+42	33+42	33+42	33+42
Variable flow pump	l/min	33+71	33+71	33+71	33+71	33+71	33+71	33+71	33+71	33+71	33+71	33+71	33+71	33+71
Working pressure / control pressure	bar	200	200	200	200	200	200	200	200	200	200	200	200	200
Max. valves (front/centre/rear)	Number													
Max. available hydraulic oil volume	litres	25	25	25	25	25	25	25	25	25	25	25	25	25
Max. lift capacity of rear power lift	daN	2775	2417	2775	2417	2775	2417	3134	2775	2417	3134	2775	2417	3134
Max. lift capacity of front power lift	daN	2380	2380	2380	2380	2380	2380	2540	2380	2380	2540	2380	2380	2540

Electrical features														
Battery power	Ah/V	50/12	50/12	50 /12	50/12	50/12	50/12	50/12	50/12	50/12	50/12	50/12	50/12	50
Alternator	V/A	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120	14 / 120

Tyres														
Front tyres (standard)		7.5L - 15	280/70R18	280/70R16	280/80R18	280/70R16	280/80R18	280/80R18	280/70R16	280/80R18	280/80R18	280/70R16	280/80R18	280/70R20
Standard tyres rear		280/85 R 24	12.4R28	320/85R24	13.6R28	320/85R24	13.6R28	380/85R28	320/85R24	13.6R28	380/85R28	360/70R24	13.6R28	420/70R28
1. Optional front tyres		265/70R16	11LR16	7.5L-15	280/70R18	7.5L-15	11LR16	11LR16	7.5L-15	11LR16	11LR16	280/70R16	11LR16	11LR16
1. Optional rear tyres		12.4 R24	420/70R24	280/85R24	12.4 R 28	280/85R24	420/70R24	420/0R24	280/85R24	420/70R24	420/70R24	320/85R24	420/70R24	420/70R24
2. Optional front tyres		280/70R16	280/70R20	280/70R16	11LR16	280/70R24	280/70R18	280/80R18	280/70R16	280/70R20	280/80R18	280/70R16	280/70R20	280/80R18
2. Optional rear tyres		360/70R24	340/85R28	360/70R24	420/70R24	360/70R24	12.4R28	420/70R28	360/70R24	340/85R28	420/70R28	380/70R24	340/85R28	380/85R28
3. Optional front tyres		11LR16	320/65R18	11LR16	280/70R20	11LR16	280/70R20	340/65R18	11LR16	280/80R18	340/65R18	11LR16	280/80R18	340/65R18
3. Optional rear tyres		440/65 R24	420/70R24	440/65R24	340/85R28	440/65R24	340/85R28	480/65R28	440/65R24	380/70R28	480/65R28	440/65R24	380/70R28	480/65R28

Dimensions														
Front track width (standard tyres)	mm	794	1064	852	1064	852	1064	1212	852	1064	1212	852	1064	1212
Rear track width (standard tyres)	mm	777	1000	831	1000	831	1000	1288	831	1000	1288	857	1000	1288
Overall width with standard tyres	mm	1070	1322	1151	1372	1151	1372	1679	1151	1372	1679	1217	1305	1717
Overall length	mm	3603	3708	3603	3708	3603	3708	3726	3603	3708	3726	3603	3708	3701
Overall height - comfort cab	mm	2360	2443	2390	2462	2390	2462	2486	2390	2462	2486	2390	2462	2488
Overall height - low-ceiling model	mm	2210	2293	2240	2312	2240	2312	2336	2240	2312	2336	2240	2312	2338
Overall height - safety frame	mm	2383		2413		2413		2509	2413		2509	2413		2511
Wheelbase	mm	2185	2185	2185	2185	2160	2185	2185	2185	2185	2185	2185	2185	2185

Weights														
Unladen weight (base tractor with cab - full tanks, without driver)	kg	2860.0	2940.0	2860.0	2940.0	2860.0	2940.0	3160.0	2860.0	2940.0	3160.0	2860.0	2940.0	3160.0
Unladen weight with safety frame	kg	2660.0		2660.0		2660.0		2940.0	2660.0		2940.0	2660.0		2940.0
Max. permissible overall weight	kg	4500.0	4500.0	4500.0	4500.0	4500.0	4500.0	5300.0	4500.0	4500.0	5300.0	4500.0	4500.0	5300.0
Max. trailer hitch load	kg	1500.0	1500.0	1500.0	1500.0	1500.0	1500.0	1500.0	1500.0	1500.0	1500.0	1500.0	1500.0	1500.0

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