

# FENDT

## Fendt Rogator 600





## The self-propelled machine for professionals.

In the plant protection sector, there's one name that gives you precise boom control, easy handling and optimal, reliable application: Rogator. Our many years of experience and a number of key technologies have all gone into our innovative plant protection self-propelled machine, the Rogator 600, to create the perfect all-round solution.



## Maximum comfort for maximum output.

A glass concave screen with an area of 6.4 m<sup>2</sup> provides the best possible view, and the automatic air-conditioning system supplied as standard always ensures you keep a cool head. Feel the benefit of our intuitive controls, and enjoy the peace and quiet of the cab.



## Efficient plant protection for healthy crops.

The self-propelled Fendt Rogator 600 meets all the requirements that customers expect of a cutting-edge plant protection implement. Flexible and agile, efficient and gentle in action, powerful and easy to handle. With SectionControl, VariableRateControl and VarioDoc Pro significantly increase efficiency.

		<b>Rogator 645</b>	<b>Rogator 655</b>	<b>Rogator 665</b>
Maximum power ISO14396	kW/hp	173 / 235	200 / 272	226 / 307
Nominal capacity	litres	3850 / 5000	3850 / 5000 / 6000	6000
Boom widths	m	24 - 27 - 28 - 30 - 32 - 33 - 36 - 39	24 - 27 - 28 - 30 - 32 - 33 - 36 - 39	24 - 27 - 28 - 30 - 32 - 33 - 36 - 39

Developed at the AGCO Grubbenvorst site and assembled in Hohenmölsen, the machine embodies more than 50 years of experience in plant protection. This results in Application technology loved by customers around the world.

- Perfect boom position and ground following
- Low centre of gravity
- 3850/5000/6000 l tank capacity and 500 l clean water
- Induction hopper with OptiFlow control centre
- Inner turn radius of just 3.14 m
- Up to 2.05 m tyres and 35° steering angle
- smooth undercarriage with up to 120 cm ground clearance for maximum plant protection
- HydroStar CVT gearbox in combination with engine wheel hubs
- CDS ControlDriveSystem
- 40/50 km/h at reduced engine speed
- Rotor pump with 785 l/min pump capacity
- Fendt VisionCab with > 4 m³ volume, perfect visibility and climate control
- Category 4-certified cab as standard
- 16 t trailed load



We have reviewed countless customer surveys, performed intensive practical tests, and have combined everything in the Rogator 600 that our Fendt machine customers expect: perfect boom position, user-friendliness, efficient use of resources, and the best equipment. A plant protection implement designed simply to focus on the customer's needs.

Plant protection breeds confidence.  
Trust Fendt.

FENDT ROGATOR 600: DRIVE

# AGCO Power and HydroStar CVT: Because efficiency is what really counts.

**Fendt Rogator engine**

The 6-cylinder engines from AGCO Power mounted between the Rogator's axles have a maximum power of 235 to 307 HP. The AGCO Power engine combines high power and high torque with low fuel consumption and meets emissions stage V for exceptional cleanliness. Using the SCR catalyst and AdBlue exhaust after-treatment will drastically reduce your emissions. Thanks to the integrated ControlDriveSystem (CDS), the continuously variable HydroStar CVT gearbox and the rotary pump only use the power that the Rogator actually needs. The Rogator reaches a transport speed of 40 km/h at an engine speed of just 1,750 rpm. 50 km/h is even possible, depending on country-specific limits. Regardless of the driving conditions: Fuel consumption is always kept low. No dirt from the crop or pollen gets into the cooler unit thanks to its elevated position right behind the cab. If dirt does find its way into the radiator, it can be easily accessed for cleaning through the main platform.

**Superlative design**

The inclusion of a hydro-mechanical and dynamic braking system allows operators to brake the Rogator using the joystick, even at top speed. Over-revving of the engine when braking with the joystick is prevented by the automatic rev limiter. The Rogator 600 also boasts continuously-active traction control and permanent 4WD. The drive unit, consisting of engine, transfer box, hydraulic pumps, and HydroStar CVT gearbox is the heaviest module in the Rogator, and it has therefore been positioned to provide a low centre of gravity between the axles. As a result, the Rogator is always perfectly balanced, regardless of how much fuel is in the tank. The position of the engine also helps keep a quiet working environment with a noise level of 69 dB in the cab. All servicing work on the drive unit can be conveniently performed from the ground.

The OptiRide axle provides 45 cm height adjustment and variable track widths. Flexibly adaptable to your needs.



The hitch is designed to tow loads of up to 16 t. Connections for air and light are easy to access.



Depending on the tyre configuration, you can infinitely adjust the track width between 1.80 and 2.25 m.



The air filter can be easily reached via the main platform.



Whether on inclines or slopes – the speed remains constant throughout, ensuring perfect application quality.

## FENDT ROGATOR 600: CHASSIS

# The Rogator chassis: Stay on track with OptiRide.

### Plant protection means protecting plants

Optimal weight distribution protects the soil and therefore protects your yield potential. Regardless of the tank contents, the Rogator always has a weight distribution of 50:50 in its operating position. Four wheels of the same size of up to 2.05 m high and 710 mm wide and a large diameter (710/75R34) offer the maximum possible contact area. The Rogator's four-wheel drive adds flexibility and stability to its handling.

There are no inner rings as in trailing axles; this reduces crop damage to a minimum. The rear axle can be easily controlled manually at all times, if for example, you need to actively correct slope drift. The HydroStar CVT drive performs a differential lock function via an intelligent power distribution. In extreme situations, each axle can transmit up to 100% power.

### Single-beam chassis

The unrivalled single-beam chassis creates an optimal layout for all components. This ground-breaking chassis design forms the basis for optimal weight distribution, excellent ease of maintenance, and maximum agility due to the wide steering angle, even in combination with high tyres. Nevertheless, the vehicle remains practical and compact with an outer width of just 2.55 m.

### Adjustable and spring-mounted OptiRide chassis

The Rogator is equipped as standard with a hydro-pneumatic spring-mounted chassis and active chassis stabilisation – for excellent ride and roll-over stability even on slopes. In order to ride even in tall crops without damaging the plants, Fendt offers the OptiRide adjustable chassis with up to 120 cm ground clearance. The hydraulic cylinder of the hydro-pneumatically spring-mounted chassis allows a height adjustment of 45 cm. Combined with the smooth underbody, the Rogator can therefore also be used in tall crops such as maize for late treatment or flowering treatment in oilseed rape.

### Flexible track widths

The hydraulic track adjustment axle OptiTrack is a bonus, especially for professional contractors who need to adapt to the track widths of their customers. When driving, the track width of your Rogator 600 can be infinitely adjusted from the cab from 1.80 m to 2.25 m. If you often need to switch between different track widths, there is an option to pre-set two track widths which can then be quickly and conveniently selected from the armrest.

Inner turn radius of just 3.14 m with 2.05 m high tyres.



Unrivalled agility: Thanks to 4WD steering, the rear wheels follow the tracks of the front wheels precisely to keep plant damage to a minimum.



The manoeuvrability of the Rogator 600 pays dividends especially in sensitive crops like potatoes, maize or sugar beet.



Compact and manoeuvrable in the field, safe and quick on the road: The outstanding ride features of the Rogator 600 make their presence felt on the roads. With an outer width of just 2.55 m\* and a towed load of up to 16 t, you can easily work on fields further away.

\* 2.55 m depends on the selected track/tyres combination as well as the boom.

## FENDT ROGATOR 600: PUMP AND OPTIFLOW CONTROL CENTRE

# Fendt Rogator: Synonymous with simple plant protection.

### High-performance pump

A rotary pump with optionally self-priming unit and 785 l/min pump capacity, driven by the on-board load-sensing hydraulics, supplies all liquid-distributing parts of the system. The flow rate of the rotary pump prevents pulsation in the lines and ensures maximum application accuracy. There are no additional hoses or relief valves which are difficult to clean on membrane pumps. Application quantities are controlled via the pump speed – quickly and efficiently – and the pump only carries the required quantity of liquid for spraying, plus the specified quantity for the agitator. This helps the Rogator 600 to respond accurately to changing application quantities and different speeds. The maximum pump output of 785 l/min also means that liquid fertiliser application becomes child's play.

### Reliability with no strings attached

Our low-maintenance pump guarantees excellent reliability and low operating costs. Combined with the 3" fitting, you have everything you need to fill the tank quickly.

### Ground-breaking controls

The straightforward, logically-designed OptiFlow control centre with clear display controls all valve functions, and makes it easy for the operator to fill the sprayer, even when wearing gloves. An electronic fill level indicator allows automatic filling modes to be monitored on the filling station or in the cab. The identical terminal control logic in the cab and the OptiFlow control centre offers the ultimate in operating convenience.

The OptiFlow control centre allows convenient control of all functions during filling. Electric control valves ensure even greater comfort and safety.



The water flow of the flushing valve is intuitive to control with a lever.



Convenient, intuitive and safe operation, even with protective clothing.



The rotor pump with a maximum output of 785 l/min has a separate hydraulic drive, works without pulsation, and responds rapidly. For perfect plant protection.

FENDT ROGATOR 600: FILLING

# Safe and easy filling for minimal downtimes.

**Practical induction hopper**

The 60 l capacity induction hopper has an output of up to 200 l/min. Even large quantities of crystalline products can be quickly and easily dissolved at a rate of up to 33 kg/min. The operator fills the induction hopper from a comfortable height and can fold it in and out easily using the gas pressure springs. The canister cleaning diffuser is used as an easy means of flushing the spray liquid canister, and helps you get every last drop from it. The induction hopper can also clean itself when the lid is closed.

**Operation**

All valve functions required for filling and stirring can be operated from the OptiFlow control centre on the induction hopper, as well as from the cab. The standard automatic filling system stops exactly at the number of litres set by the operator – even if there are two key figures, e.g. water and pesticides. The system always guarantees an optimal spray liquid mixture in the tank at all times, and reliably prevents overfilling.

**A perfect concentration from start to finish**

The permanent circulation through the 1" spray line feeds the solution straight to the diffuser as soon as the rotor pump is switched on, even if the diffusers are closed. Apply the right quantity and concentration of liquid across the entire working width from the very first metre. To clean the diffusers, switch the intake end of the pump over to the clean water tank, and briefly switch on the diffusers. This is how you reliably and effectively prevent deposits in the diffuser pipe and diffusers. Easy, quick, reliable – from the convenience of the operator's seat.

**Operator convenience**

All filling fittings are clearly arranged on the left-hand side of the machine. The large and easy to open panels of the Rogator 600 consist of the same HDPE material as the spray tanks. Extremely smooth surfaces effectively prevent sticking and are easy to clean. Cleverly-designed and sealed stowage compartments allow personal protective equipment and funnels to be carried safely. The hydraulic agitator power can be adjusted from the terminal. Foaming residues are prevented by the agitator control which is linked to the fill level.

A practical box for gloves in the step. The cab always stays clean.



A drawer makes sure that canisters do not leak.



Stowage compartments for tool and personal protective equipment provide the ultimate convenience.



High-performance diffusers on the internal wall and in the overflow optimise the rinsing process.



Use the rotating flushing nozzle in the flushing valve to easily and safely rinse out measuring cups and canisters.



The high intake capacity of the induction hopper ensures short downtimes and high daily output.

FENDT ROGATOR 600: TANK AND PIVOT

# Easy cleaning and perfect parallelogram suspension.

### Robust tanks

The spray tank on the Rogator is made from HDPE (high-density polyethylene). Various tank sizes are available according to the model. The tank's shape is a perfect fit for the machine frame, guarantees an optimal weight distribution, and can be completely drained through a 3" transfer fitting. The filling tube stretching down to the tank floor prevents foaming. The fill level is determined by pressure sensors on the tank floor.

### Tank cleaning

Few residues remain inside the tank courtesy of the smooth, non-stick surface. Even hidden spots in the tank can be cleaned quickly and reliably with relatively little water, thanks to the six reflux Hypro rotation nozzles. The automatic tank cleaning system cleans the tank from top to bottom, or just flushes the boom. The clean water tank holds 500 litres.

### State-of-the-art valves

To enable the spray system to respond correctly to all requirements, we use the latest valve assembly to guide the spray from the induction hopper through the tank to the diffusers. To enhance user-friendliness, there's an option to actuate all switching valves electrically. The 1" pressure circulation line guarantees high liquid speeds and therefore no deposits. Thanks to the high-precision flow control, the spray system can work with a wide variety of application quantities. The delivery pipes which ensure an even flow, and the few connection points, make the system extremely reliable.

### Unique pivot

The parallel linkage and articulation of the lift arm fitted in front of the rear axle keep the centre frame close to the rear axle, and transfer very little chassis movement to the boom.

The central boom pivot ensures that all diffusers are ideally positioned and remain stable above the uncut crop.



The positive and negative angle of the boom on the field means you can maintain the perfect application height at all times.



the Rogator boom is ready for action in just 30 seconds.

## FENDT ROGATOR 600: BOOM

# Fendt Rogator: The perfect basis for flexible application.

### Now even lighter

The Rogator 600 comes as standard with a rigid lightweight aluminium boom, which is available in widths of 24 to 36 metres. This is attached to the machine via a central frame, which is not only robust, but also provides an exceptional level of stability when spraying at any speed. The nozzle holders are fitted into a frame profile to protect them. The wide holder profile ensures easy access and also allows the use of double flat fan nozzles in any position. In view of the very high performance values and potential of this machine, only this boom can meet the heavy demands in practice.

### Compact folded boom

When collapsed, the boom rests in grooves on the side of the spray liquid tank. This creates a machine width of 2.55 m when the boom is collapsed, ideal for optimal transport and for preventing damage. The Fendt boom has one of the most stable designs on the market. Especially when it comes to yaw, the Fendt Rogator 600 has it all under control: Regardless of the road speed and ground conditions, the pivot is able to almost completely eliminate horizontal vibrations, and all without having to turn to elaborate controls or sensors.

### Ideal positioning at all times

Horizontal and vertical boom movement, which can be attributed to the terrain or to the acceleration and slowing of the vehicle, are almost completely eliminated by the special Rogator damper cylinder. At the same time, the system reduces the main frame load to a minimum. Due to the low yaw, there is no overlapping and no gaps which can often be caused by a swinging (forward/back) boom.

### OptiSonic height control

Thanks to the OptiSonic boom height control system, the right, middle and left sides of the boom automatically and separately follow the ground. Up to 4 ultrasonic sensors keep the spray height constant at all times. The boom is of course protected against damage by an impact guard.

### Single diffuser switch

The Rogator has a huge selection of diffuser adapters: 5x DualSelect 2+2 and QuadSelect. Distance between diffusers is 50 cm. Depending on the diffuser adapter, one or more diffusers can be controlled electrically, so the sky's the limit with SectionControl and VariableRateControl, systems that help you get the most out of your pesticides.

The nozzle adapters are seamlessly integrated into the boom, and so are protected against damage.



The diffusers are well protected yet easy to access.



Even when using double flat fan nozzles or diffusers with a jet angle towards the rear or front, every drop meets its target.



The 5 protected OptiSonic ultrasonic sensors guarantee quick boom reactions to a wide variety of crops.



The Fendt Rogator impact guard can turn by up to 90°. The backswing is damped so that no additional pulses have an effect on the boom.



The QuadSelect diffuser adapter enhances comfort. The optimal diffuser combination is selected at any time in combination with OptiNozzle.

FENDT ROGATOR 600: VISIONCAB CAB

# The ultimate in convenience for frequent daily usage.

**Plant protection is a matter of timing**

To best utilise the short time windows for perfect application, the full capacity of both man and machine must be available, even on long work days. For the operator's comfort, our Fendt VisionCab offers plenty of space with 4 m³ in the interior, and maximum legroom to feel good. A 6.4 m² glass concave screen guarantees optimal and, above all, glare-free all-round visibility at any time of the day or night. As the operator has a huge role to play, the VisionCab provides a quiet oasis with sound levels of less than 70 dB(A).

**Immediately get your bearings and work safely**

As in any Fendt, all controls are ergonomically and handily placed. This ensures intuitive, straightforward and logical operation. Using the multi-function joystick, all the machine's key functions are safely under control. 3-stage active carbon filters clean the intake air effectively before it gets inside the cab, and the generous auto climate control creates a pleasant climate in the cab with slight positive pressure. Not only does this enhance air quality, it also prevents dust or vapour from getting into the cab, and means that the Rogator 600 meets the strict category 4 cab air filter requirements of EN 15695 in every respect.

**Clutter-free and clean**

The Fendt Rogator 600 has many well-designed storage options for the operator and his personal documents, as well as an integrated cool box under the instructor seat on the right side. Lockable and dust-proof storage compartments are also provided on the outside for personal protective equipment, and there is plenty of space for pesticide stocks.

**Safe to climb in, clearly illuminated**

The step folds out for safe and easy access to the cab. When collapsed, the step fits unobtrusively into the machine body, and causes no damage to crops. A practical LED headlight system illuminates the full circumference of the Rogator for high performance at night. The BlueLED headlights on the boom in particular ensure that the spray cone can be clearly seen, so that blocked diffusers no longer go undetected.

On long work days, the cool box provides plenty of room for drinks and snacks.



All controls are handily arranged in the tried and trusted Fendt console. You can opt to extend the display area by adding a second terminal.



The multi-function joystick – everything under control in one stick.



The lowerable step ensures maximum comfort and minimal plant damage.



Long work days and excellent daily performance: No problem thanks to the healthy atmosphere created in the Rogator 600 VisionCab.



High level of comfort and perfect all-round visibility when transporting.

FENDT ROGATOR 600: COMFORT

## Electronics made easy for you.

### Very efficient operation

All machine functions can be controlled via the integrated Varioterminale 10.4", and with an additional terminal on request. Our multifunction joystick offers you exceptional comfort and convenience, and is specially optimised for use with our plant protection technology. This allows you to conveniently control all sprayer functions via easily accessible toggle switches and clearly marked membrane buttons. The optional cameras give you perfect all-round visibility, right around the machine. The customised display in the Varioterminale 10.4" gives all the information you need at a glance.

### VarioGuide Contour Assistant

The VarioGuide Contour Assistant adds Contour Segments and Single Track to the existing VarioGuide wayline types, to enhance both efficiency and convenience. After creating the contour segments, the VarioGuide system automatically selects the right segment according to direction of travel, angle and distance. Waylines can be automatically created based on the field boundary, and do not have to be changed manually. Using Single Track, all tramlines can be recorded as one contour line during plant protection. The track is recorded by driving in the tramlines, and can be used for the next application.

### Right on track with VarioGuide

Regardless of the country, whether in town or far from mobile network masts: Fendt VarioGuide guidance system allows you to work to an accuracy of millimetres using the available GNSS signals. The system uses GPS, GLONASS and GALILEO satellite systems (as soon as available), and enhances their information with the help of a wide variety of correction services. If the RTK signal is lost due to an obstacle, the VarioGuide is kept on track for up to 20 minutes thanks to the NovAtel RTK AssistTechnology or Trimble®-xFill™ technology. VarioGuide is compatible with a range of signals. The SBAS (EGNOS and WAAS) satellite-based signals are just as welcome as ground-based RTK signals via radio or mobile network (NTRIP).

### Fully ISOBUS-capable

The Rogator 600 is fully ISOBUS-compatible. The ISOBUS functionality ensures straightforward integration of additional sensors such as N-sensors and a standardised system control.

Thanks to ISOBUS functionality, it is easy to integrate additional sensors such as N-sensors.



The Varioterminale 10.4" provides the perfect overview of your Rogator 600 with SectionControl, VariableRateControl and VarioDoc Pro. The Rogator 600 multifunction joystick puts all functions within easy reach.



The optional camera provides with the ideal view over the area behind the machine.

FENDT ROGATOR 600: SMART FARMING

# Smart solutions to ensure success.



Whenever you buy a product or service with the Fuse logo, you can enjoy guaranteed open connectivity and compatibility within our core brand ranges as well as with other manufacturers' products. To find out more, go to [www.FuseSmartFarming.com](http://www.FuseSmartFarming.com)

**Section engagement for increased efficiency**  
The automatic section engagement facility is absolutely essential for those who need 100% efficiency. Valuable liquids are not wasted by going over the same place twice, neither is there any overlapping or gaps. This applies to large areas as well as to smaller, winding run-outs. Simply start the Rogator 600 and all parameters will be sent fully automatically. The ISOBUS standard function TC-SC (TaskController SectionControl) automatically engages sections depending on the GPS position and the required degree of overlapping. SectionControl also produces higher yields whilst saving 5% to 15% of the spray liquid costs. All key functions such as switch to clean water, internal cleaning or switch off agitator can be controlled directly from the cab.

### Headland management

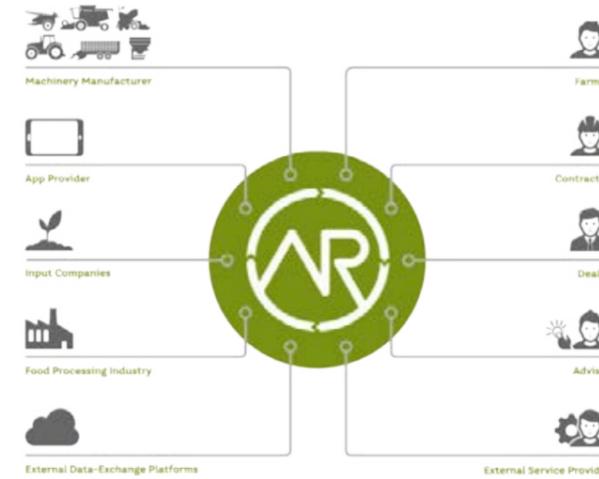
Headland management activates a range of functions at the touch of a single button. Turn on/off the application process, OptiSonic boom control, boom flushing, rear axle control, or toggle the cruise control and VarioGuide guidance system. All this helps take the stress out of your working day. If field boundaries are stored, there's no risk that application of liquid will start if the boom moves beyond the field boundary. Even if the run-out limits are unclear or if you work at night, you'll only treat your target area.

### Documentation made easy with VarioDoc Pro

The TC-BAS (TaskController Basic) ISOBUS function documents cumulative values, which summarise the work completed. The implement provides the values such as total application quantity, worked area, etc. Data is exchanged between the field database and Task Controller Basic (TC-BAS) via Fendt VarioDoc Pro in the data format ISO-XML. You can easily import jobs to the terminal then export the completed documentation again. This means you can cut down on reporting work and complete most office tasks directly on the field.

### VariableRateControl (VRC)

VariableRateControl (VRC) shows its strength when it comes to precise dosing of pesticides and liquid fertiliser. The TC-GEO (Task Controller geo-based) ISOBUS standard gives you the option of working with location-specific application maps, and recording the output quantities in your field database. Just transfer the relevant application maps to the terminal via USB, Bluetooth or mobile network before application. The exact application quantity is then sent to the Rogator 600 via the ISOBUS interface, and applied with great precision thanks to the VarioGuide steering system. VRC can be used to avoid returning to the yard with leftover liquid – which can be laborious to deal with – helping you buy in pesticides more efficiently.



### Exchange cross-manufacturer data with agrirouter

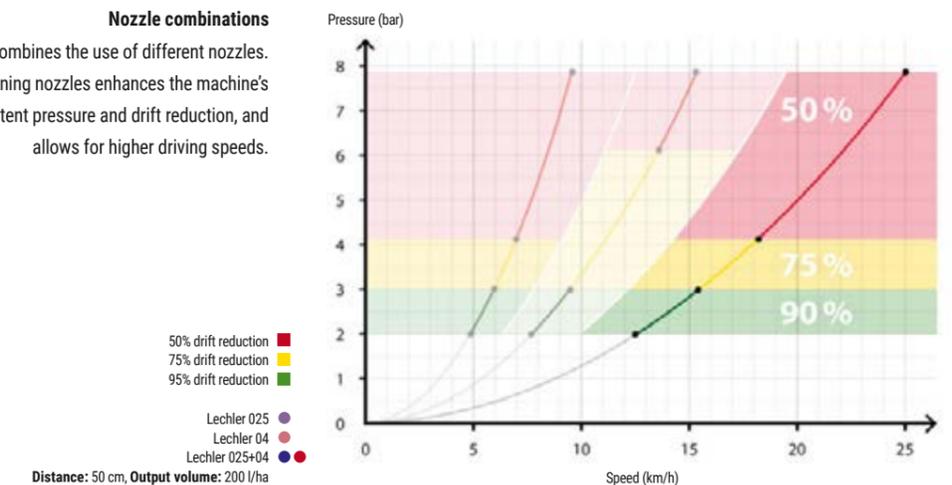
The agrirouter is a cross-manufacturer data hub. It enables mobile data exchange between machines and agricultural software from any manufacturer\* and minimises the number of interfaces your team has to use. For example, support your VRC work and use the agrirouter to easily send field mapping files to your terminal from any farm management system\*.

\* Provided that the agricultural machinery or software manufacturer is registered with the agrirouter. To find out more, go to [www.my-agrirouter.com](http://www.my-agrirouter.com)



### Nozzle combinations

OptiNozzle fully automatically combines the use of different nozzles. Automatically combining nozzles enhances the machine's application range at a consistent pressure and drift reduction, and allows for higher driving speeds.



Standard and optional equipment  
 Standard: ■  
 Optional: □

FENDT ROGATOR 600

# Standard and optional equipment.



■ 5x rotation



□ 2+2 DualSelect



□ QuadSelect



□ Automatic climate control and radio system.



■ Easily accessible central electrical system with the FENDIAS diagnostics connections.



■ Comfortable and high-quality passenger seat.



■ Integrated cool box.



■ Single or shared switch for work lights and windscreen washer.



■ OptiControl multi-function joystick, optimised for plant protection.



■ Comfortable and safe boom control.



■ The heart of the Rogator: the comfortable workplace.



■ Glare-free backlit membrane keypad, reliable access to all functions at all times.



■ OptiFlow control centre: Arranged alongside the induction hopper for easy control of all agitators and filling functions during the filling process.



□ Automatic hitch with brake and electrical connections.



□ The optional compressed air gun is situated at the back on the boom for quick cleaning.



□ Hose reel for convenient cleaning of the outside of the machine.



■ High-performance 3" armatures.

FAQS. EVERYTHING ABOUT FENDT.

# What can we do for you?

## What makes Fendt Service different?

For us, service means knowing and understanding your work in order to meet your demands for reliability and safety and to act in your economic interest. We stand behind our products and have developed them for the highest demands and long-term operation. Our service is the partnership aspect for your work. In the case of Fendt sprayers, an extensive manufacturer's warranty extension offers complete control over costs and planning reliability. In case of Fendt sprayers, flexible policy periods and long-term tariffs (with and without cost sharing) offer full coverage (except wear) for the first five years or the first 8,000 running hours. In addition to normal repair costs, other risks like salvage, towing and vehicle diagnostics are covered in a complete package.

## How good is spare part availability for Fendt sprayers?

Thanks to the close network of dealers and manufacturers' warehouses, we can supply spare parts anywhere 24/7 during the season.

## Where are Fendt plant protection sprayers developed and assembled?

The Fendt plant protection sprayers are developed in Grubbenvorst in the Netherlands. This site combines more than 50 years of expertise in the assembly of plant protection implements. Trailed and self-propelled Fendt plant protection sprayers are produced on a high-tech production line in Höhenmölsen, Saxony-Anhalt.

## fendt.com

Find everything online – from brochures to technical specifications, from reports about customers or our company to our Fendt event calendar.

## Fendt Configurator

With the Fendt Vehicle Configurator, you can choose from all the available equipment variations and put together the optimally equipped machine for your farm. The Fendt Configurator is available online at [www.fendt.com](http://www.fendt.com), where you will find a quick link to it directly on the start page.

## fendt.tv

Fendt around the clock – our Fendt Media Library makes it possible. Our internet TV provides you with news and information about Fendt 24/7.

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Follow us on Facebook and find out what's new in the Fendt world. Come have a look!

## instagram.com/fendt.global

Follow us on Instagram and become a Fendt fan. Fascinating articles on Fendt are waiting for you there.





## FENDT SERVICES

# The best product with the best care and service.

With Fendt, you get a cutting edge product that will overcome the toughest of challenges. That's why you can expect that little bit extra when it comes to services from highly-efficient, certified Fendt dealers –

- with fast lines of communication between you and our trained service team.
- 24/7 availability of replacement parts throughout the season
- 12-month warranty on Fendt original parts and their fitting

**100% quality. 100% service: Fendt Services**  
We offer outstanding services to offer you the best possible reliability of use and efficiency from your Fendt Machine:

- Fendt Demo service
- Fendt Expert operator training
- AGCO Finance – finance and lease deals
- Fendt Care – servicing and guarantee extensions
- Fendt Certified - Pre-owned machine programme



+44 330 123 9909

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

FENDT SERVICES

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

**Fendt Demo service**

Is this a new purchase? You'll love our Fendt solutions and overall efficiency. Let the Fendt Demo service make the decision easier.

**Fendt Expert operator training**

We help you get the most out of your vehicle. With the help of our exclusive Fendt Expert operator training programme, you can optimise the efficiency of your Fendt even further, and get to know all the functions to make your daily routine that much easier. Our team of professional trainers will advise you on how to use your Fendt machine to its full potential.

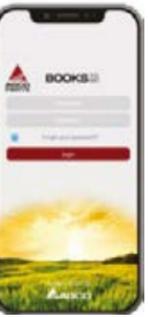
**Individual finance and lease models**

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

**Fendt Care – servicing and guarantee extensions**

To keep your machine ready for action at any time, we offer a tailored maintenance and repair service beyond the statutory warranty. This only covers the repair risk of a new machine for the first 12 months after delivery. That's where Fendt Care comes in. With flexible durations and flexible rates with and without excess, the machine can be guaranteed even after the first year. Your Fendt dealer will only install Fendt original parts. These have a proven standard of quality and are safety-tested. This ensures the best value retention for your Fendt machine.

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



## Full control over costs and planning reliability

Fendt Care	Bronze	Silver		
Service	Regular maintenance, fixed maintenance costs	Cover against the risk of repair (excludes wear)		
Benefits	Reliability of use	Coverage against major damage	Full coverage under great conditions	Full protection while you keep costs under control
Regular maintenance	✓	✓	✓	✓
Repair costs		✓	✓	✓
Excess		€490	€190	€0



8 years / 8,000 operating hours

With our new Fendt Care rates, Fendt offers extensive coverage for the reliability and repair risk of new machines. Fendt Care gives you complete cost control with exceptional service. From a service agreement to the full carefree package including replacement machine, Fendt has a flexible and tailored solution for your fleet.

Standard and optional equipment  
 Standard: ■  
 Optional: □

FENDT ROGATOR 600

# Equipment variants and technical details.



		Rogator 645	Rogator 655	Rogator 665
<b>Main tank</b>				
Nominal capacity	litres	3850 / 5000	3850 / 5000 / 6000	6000
Maximum capacity	litres	4000 / 5200	4000 / 5200 / 6300	6300
Material: High-density polyethylene (HDPE)		■	■	■

		Rogator 645	Rogator 655	Rogator 665
<b>Clean water tank</b>				
Capacity	litres	500	500	500
Material: High-density polyethylene (HDPE)		■	■	■

		Rogator 645	Rogator 655	Rogator 665
<b>Filter</b>				
Suction filter	mesh	12	12	12
Pressure filter	mesh	80	80	80

		Rogator 645	Rogator 655	Rogator 665
<b>Plumbing</b>				
Suction side	inch	3	3	3
Pressure side	inch	2	2	2
Material: High-density polyethylene (HDPE)		■	■	■

		Rogator 645	Rogator 655	Rogator 665
<b>Suction valve</b>				
Manual 5-way valve		■	■	■
Electric 5-way valve		□	□	□

		Rogator 645	Rogator 655	Rogator 665
<b>Spray pump</b>				
Pump type: Centrifugal pump		■	■	■
Maximum capacity at 2.5 bar	l/min	785	785	785
Maximum pressure	bar	8,5	8,5	8,5
Stainless steel centrifugal pump		□	□	□

\*Depending on the selected tyres and/or the selected boom, \*\* = Mandatory country-specific, \*\*\* = Country-specific

		Rogator 645	Rogator 655	Rogator 665
<b>Chemical inductor</b>				
Volume	litres	60	60	60
Fluid intake capacity	l/min	200	200	200
Capacity for solids	kg/min	33	33	33
Rinse system	bar	6	6	6
Cleaning gun**		□	□	□

		Rogator 645	Rogator 655	Rogator 665
<b>Boom and spray equipment</b>				
Plumbing	inch	1	1	1
Maximum number of sections including endrow nozzles	number	72	72	72
Boom widths	m	24 - 27 - 28 - 30 - 32 - 33 - 36 - 39	24 - 27 - 28 - 30 - 32 - 33 - 36 - 39	24 - 27 - 28 - 30 - 32 - 33 - 36 - 39
Material: Aluminium		■	■	■
Max. working height*	m	2,9	2,9	2,9
Min. working height*	m	0,5	0,5	0,5
OptiSonic boom height control with 4 sensors		□	□	□
Independent boom geometry		■	■	■
Nozzle spacing	cm	50	50	50
Quin nozzle body	nozzles	5	5	5
2+2 DualSelect nozzle body	nozzles	4	4	4
QuadSelect nozzle carrier	nozzles	4	4	4
Endrow nozzle EU		□	□	□
Endrow nozzle NL**		□	□	□
Reelerhose water**		□	□	□
Reeler hose air		□	□	□

		Rogator 645	Rogator 655	Rogator 665
<b>Drawbar and Coupler</b>				
Automatic drawbar		□	□	□
Max weight trailer hitch	kg	16.000	16.000	16.000

		Rogator 645	Rogator 655	Rogator 665
<b>Axle and Brakes</b>				
Fixed axle		■	■	■
Hydraulic adjustable axle		□	□	□
Steering angle*	degrees	35	35	35
AWS (all-wheel steering)		■	■	■
Track width*	m	1,80 - 2,25	1,80 - 2,25	1,80 - 2,25
Pneumatic brakes		□	□	□
Wet disc brakes integrated in final drive		■	■	■

		Rogator 645	Rogator 655	Rogator 665
<b>Tires and Fenders</b>				
Diameter 320/105R46	m	1,84	1,84	1,84
Diameter 380/90R54	m	2,05	2,05	2,05
Diameter 420/95R50	m	2,05	2,05	2,05
Diameter 480/80R50	m	2,05	2,05	2,05
Diameter 520/85R46	m	2,05	2,05	2,05
Diameter 620/70R42	m	1,95	1,95	1,95
Diameter 620/75R34	m	1,81	1,81	1,81
Diameter 710/75R34	m	1,90	1,90	1,90
Fenders outside width	m	2,55	2,55	2,55
Wide fenders, outside width	m	3,00	3,00	3,00

		Rogator 645	Rogator 655	Rogator 665
<b>Controls</b>				
ISOBUS		■	■	■
OptiControl lever		■	■	■
Second 10.4" Varioterminal		□	□	□
Reverse camera		□	□	□
Optiflow control panel		■	■	■

		Rogator 645	Rogator 655	Rogator 665
<b>Engine</b>				
AGCO Power engine		■	■	■
Emissions standard	Stage	5 / V	5 / V	5 / V
Cylinders	number	6	6	6
Rated power ISO14396	kW/hp	155 / 210	192 / 261	221 / 300
Maximum power ISO14396	kW/hp	173 / 235	200 / 272	226 / 307
Max. torque at 1500 rpm	Nm	1000	1060	1200

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		Rogator 645	Rogator 655	Rogator 665
<b>Hydrostat</b>				
Bosch Rexroth		■	■	■
Top speed at 1750 engine rpm***	km/h	50	50	50
Reduced engine speed at 40 km/h		■	■	■

		Rogator 645	Rogator 655	Rogator 665
<b>Suspension</b>				
Single wheel suspension		■	■	■
Min. ground clearance*	cm	75	75	75
Max. ground clearance*	cm	120	120	120

		Rogator 645	Rogator 655	Rogator 665
<b>Cab</b>				
AGCO Vision cab		■	■	■
Internal volume	m³	4	4	4
Automatic airconditioning		■	■	■
Cat 4 approved		■	■	■
Integrated cooling box		■	■	■

		Rogator 645	Rogator 655	Rogator 665
<b>Fluid capacity</b>				
Fuel	litres	310	310	310
AdBlue	litres	50	50	50

		Rogator 645	Rogator 655	Rogator 665
<b>Weight</b>				
Empty (depending machine options)	kg	12200	12500	12500

		Rogator 645	Rogator 655	Rogator 665
<b>Air system</b>				
1 cylinder engine mounted		□	□	□
Maximum pressure	bar	8,0	8,0	8,0

		Rogator 645	Rogator 655	Rogator 665
<b>Dimensions</b>				
Length	m	9,25	9,25	9,25
Width*	m	2,55	2,55	2,55
Height*	m	3,98	3,98	3,98
Ground clearance*	cm	75	75	75
Wheel base	m	3,6	3,6	3,6

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