

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.



		Rogator 635	Rogator 645	Rogator 655
Rated power ISO14396	kW/hp	125 / 170	153 / 208	167 / 227
Nominal capacity	litres	3850 / 5000	3850 / 5000	3850 / 5000 / 6000
Boom widths	m	24 - 27 - 28 - 30 - 32 - 33 - 36	24 - 27 - 28 - 30 - 32 - 33 - 36	24 - 27 - 28 - 30 - 32 - 33 - 36

Our core focus: 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.

Expertise from more than 50 years of field sprayer production has been pooled at the Dutch AGCO site in Grubbenvorst. The Fendt Rogator 600 is testament to our knowledge and expertise in the application equipment sector, and is much loved by customers worldwide:

- perfect boom position and ground following
- low centre of gravity
- 3800/5000/6000 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
- rotary pump with 785 l/min pump capacity
- Fendt VisionCab with > 4m³ volume, perfect all-round vision, automatic climate control, category 4 certified cab with maximum legroom
- 16 t trailed load



We have evaluated thousands of customer surveys, performed extensive practical tests, and have combined everything in the Rogator 600 that our Fendt machine customers expect: perfect boom position, user-friendliness and the best equipment. Simply a plant protection implement which redefines the state-of-the-art.

Plant protection breeds confidence.
Rely on Fendt.

FENDT ROGATOR 600 CHASSIS/ENGINE

The Rogator chassis: for plant protection means soil protection.

Plant protection means protecting plants

Optimal weight distribution protects the soil and therefore protects your plants. 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. Its 4WD steering system means that the Rogator runs like on rails, even when taking corners. There are no inner wheels as on the trailing axles. This reduces plant damage. The rear axle can be easily controlled manually to prevent drift on slopes. The HydroStar CVT drive performs the differential lock function via an intelligent power distribution. Each axle can transfer 100% power in extreme situations.

Adjustable and spring-mounted OptiRide chassis

The Rogator is equipped as standard with an hydropneumatic 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 provides a height adjustment of 45 cm. Combined with the smooth underbody, the Rogator can 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 is a boon, in particular 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.

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 up to 16 t trailed load, areas further away are also no problem.

FENDT ROGATOR 600 DRIVE

Efficient use of resources: Your resources are important to use.

Fendt Rogator Drive

The 4 and 6-cylinder engines from AGCO Power installed between the Rogator axles provide between 170 and 227 HP. The engines meet emissions stage IV/Tier 4 final through the use of SCR catalytic converters and AdBlue exhaust after-treatment. Thanks to the integrated ControlDriveSystem (CDS), the continuously variable HydroStar CVT gearbox and the rotary pump only uses the power that the Rogator actually needs. The machines run very quietly within the optimal speed range. The Rogator can even reach a transport speed of 40 km/h at only 1,750 rpm, even with up to 16 t trailed load. 50 km/h transport speed is even possible, depending on country-specific limits. Regardless of the driving conditions: Fuel consumption is reliably low for an efficient operation.

Perfect weight distribution

The drive unit, consisting of engine, transfer box, hydraulic pumps, and HydroStar CVT gearbox is the heaviest module in the Rogator. We have therefore arranged this module to provide a low centre of gravity between the axles. This means that the Rogator is always perfectly balanced, regardless of whether the tank is full or empty. All servicing work on the drive can be conveniently performed from the ground. Easy access to the machine and long service intervals ensure that you won't have to spend a lot of time on maintenance, but can get on with your work quicker.

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

Connections for air and light are easy to access.



Perfect adjustment of chassis, boom and drive to suit any situation.

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 windows, the full capacity of both man and machine must be available. 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. At a sound level of less than 70 dB(A), the VisionCab is pleasantly quiet.

Get to grips with the controls straightaway

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-chamber carbon filters clean the intake air effectively before it reaches the interior. The large automatic air-conditioning system creates a genuinely pleasant climate with a slight increase in pressure.

Clutter-free and clean

The Fendt VisionCab is classified as Category 4 based on the latest EU standards, and has numerous well-designed storage options for the operator and his personal documents, as well as an integrated cool box under the right-hand instructor seat. Lockable and sealed storage compartments are also provided on the outside for personal protective equipment, as is sufficient stowage for pesticide stock.

Safe to climb in, clearly illuminated

The step folds out for safe and easy access to the cab. When collapsed, the step fits inobtrusively into the machine body, and causes no damage to plants. 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 diffuser output can be clearly seen.

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. The switches and membrane buttons are clearly identified by symbols.



The multi-function joystick. Everything under control in one stick.



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: BOOM

Full control and outstanding steering even on difficult terrain.

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 it rests in grooves on the side of the spray liquid tank. This creates a total machine width of 2.55 m, 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 swinging, 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 yaws (movement around the machine's vertical axis), there is no overlapping and no gaps which can often be caused by a swinging (Forward/Back) boom.

Unique linkage

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. 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 5 ultrasonic sensors keep the spray height constant at all times. The boom is of course protected against damage by an impact guard.

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



Boom angling at one side to attain the ideal application height on steeply sloping terrain.

The ground contour or crop can be used as a reference for height control to precisely adjust the boom to suit your crop. Combined control is also possible.

FENDT ROGATOR 600: BOOM

Fendt Rogator: The ideal basis for flexible application.

Robust tanks

The spray liquid tanks on the Rogator are made from HDPE (high-density polyethylene). The tank's shape is a perfect fit for the machine profile, guarantees the optimal weight distribution, and can be completely drained as well as being easy to clean. Thanks to the smooth, non-stick surface, few residues are left behind and can be quickly and safely removed using the rotating internal cleaning nozzles. There's no leftovers, and your spray liquid is used effectively right down to the last drop.

Protected nozzle adapters and single nozzle switches

Nozzle adapters are integrated into the boom profile, and are fully protected against damage. As you would expect, there is a single nozzle switch which helps you to use your pesticides as efficiently as possible.

State-of-the-art valves

To convey the spray liquid from the induction hopper through the tank to the diffusers, we use state-of-the-art valve assemblies, so that the spray system can react to meet any requirement. 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. With 8 feeding points, even very large application quantities can be safely dosed. The delivery pipes which ensure an even flow, and the few connection points, make the system extremely reliable.

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



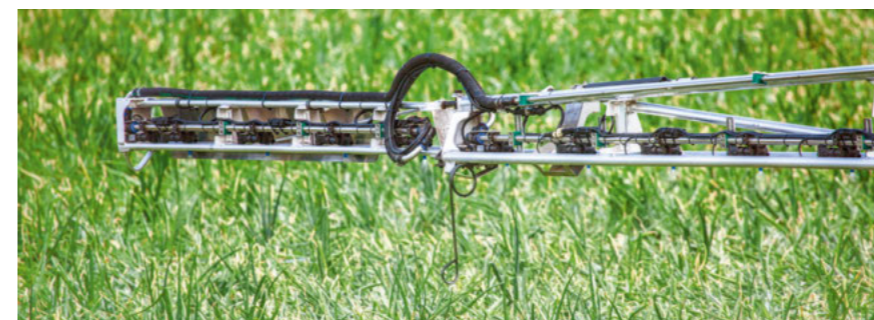
The diffusers are provided with optimal protection and must therefore be easy to access.



Sufficient clearance for the spray chambers: 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 diffusers are fully protected front and rear by the boom profile.

FENDT ROGATOR 600: PUMP AND OPTIFLOW CONTROL CENTRE

Fendt Rogator: Synonymous with convenient 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 the spraying work, plus the specified quantity for the agitator. This helps the Rogator 600 to respond accurately to changing application quantities and different speeds.

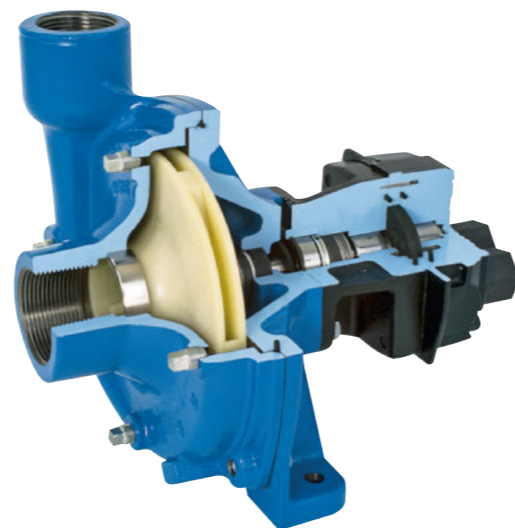
Reliability with no strings attached

Our low-maintenance pump guarantees excellent reliability and low operating costs. The 3" intake pipes mean that it can be filled quickly and effortlessly.

Ground-breaking OptiFlow control centre

The straightforward, logically-designed OptiFlow control centre with easily readable monitor controls all valve functions, and makes it easy for the operator to fill the sprayer, even when wearing gloves. An electronically fill level indicator allows the automatic filling mode to be monitored on the filling station or in the cab.

The 785 l/min rotor pump is hydraulically driven, but works without pulsations and reacts quickly. For perfect plant protection.



The maximum pump output of 785 l/min also means that liquid fertiliser application becomes child's play. The rotary pump's hydraulic drive only uses as much hydraulic power as it actually needs via the CDS. The Fendt Rogator always drives at the lowest possible speed within the efficient range.

FENDT ROGATOR 600: FILLING

Safe and easy filling for very short 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. All products are properly rinsed using the cleaning nozzle.

OptiFlow control centre

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 figures, e.g. water and then pesticides. The system always guarantees a homogenous spray liquid mixture in the tank and safely prevents overflowing.

Operator convenience

The large and easy to open panels of the Rogator 600 consist of the same HDPE material as the spray liquid tanks. Extremely smooth, glass-like 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. These do not come into contact with pesticides or spray liquid, and therefore do not need to be cleaned either. The hydraulic agitator's mixing power can be adjusted from the terminal. It switches off automatically, therefore preventing the build-up of foam. Every last drop of your product will be put to use.

Perfectly concentrated right from the start

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 from the very first metre. To clean the diffusers, briefly 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.

The lowerable induction hopper for ergonomic operation and easy filling.



A drawer makes sure that canisters do not leak.



The lowerable step ensures maximum comfort and minimal plant damage.



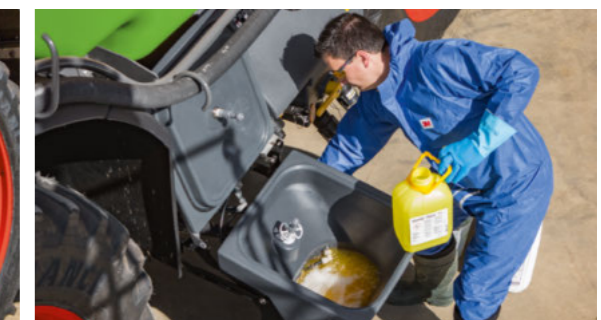
Stowage compartments for tool and personal protective equipment provide the ultimate convenience.



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



Easily-reachable skills for dosing small product quantities. Everything in view, well protected.



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

FENDT ROGATOR 600: TECHNOLOGY

Controls made easy for you.

Very efficient operation

All machine functions can be controlled via the integrated Varioterminal 10.4", and with an additional terminal on request. Our multi-function joystick offers you exceptional comfort and convenience, and is specially optimised for use with our sprayer implements. It is housed in the multi-function armrest. 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 Varioterminal 10.4" gives all the information you need at a glance.

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.

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. To do so, the system uses GPS, GLONASS and GALILEO satellite systems (as soon as available), and enhances their information with the help of a 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 EGNOS and WAAS satellite-based signals are just as welcome as ground-based RTK signals via radio or mobile network (NTRIP).

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



The Varioterminal 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 touch of a button enables headland mode, manual section engagement, centre frame tilting, the boom, geometry of the right and left boom, the main switch, cruise control and activation of VarioGuide.

FENDT ROGATOR 600: PRECISION FARMING

Smart solutions to ensure success.

Section engagement for increased efficiency

The automatic section engagement facility is absolutely essential for those who need 100% efficiency. Valuable liquids are not used twice on the same area, but there's also no 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 TC-SC (TaskController SectionControl) takes over the automatic engagement of sections depending on the GPS position and the required degree of overlapping. SectionControl can also produce higher yields whilst saving 5 to 10% 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 on field boundaries

If field boundaries are stored, there's no risk that application of liquid will start if the boom moves beyond the field boundary. You can also treat the run-out first, and leave the headland to the end, whilst always keeping your machines clean. 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

TC-BAS (TaskController Basic) takes over documentation of cumulative values, which provide information on work performed. The implement provides the values such as total application quantity, worked area and much more. The data exchange between field database and Task Controller Basic (TC-BAS) via Fendt VarioDoc Pro takes place using the ISO-XML data format. Jobs can therefore be conveniently imported into the task controller, and then the completed documentation can be exported again. Documentation work is therefore reduced and you can complete most steps directly in the field.

VariableRateControl (VRC)

VariableRateControl (VRC) shows its strength when it comes to precise dosing of liquids. TC-GEO (TaskController Geobased variable) provides you with the option of working with location-specific application maps, and of recording the applied quantities in your field database. For best effect, transfer the relevant application maps to the tractor via USB, Bluetooth or VarioDoc server 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 otherwise be laborious to deal with, and can assist to source pesticides more efficiently.

Depending on your requirement, GPS receivers are available with up to 2 cm accuracy.



View in SectionControl mode: Thanks to single nozzle switches, nothing remains untreated. Above all, you'll hit the target every time.



VariableRateControl: flexible quantities applied depending on application maps or online sensors such as an N-sensor.



FENDT ROGATOR 600: AFTERSALES & SERVICES

Always ready to go,
because plant protection
is a matter of urgency.

Everything on board – everything under control!

All certified Fendt dealerships have a high-tech service vehicle, trusted and optimised tools, service literature, and the electronic diagnostics system (EDT). This allows field technicians to reliably pinpoint defects and quickly repair them.

Professional workshops and quality service

The foremen, service technicians and fitters at the certified Fendt agents are fully up-to-date with the latest technology. Equipped with the latest diagnostics systems, electronic parts catalogues and online ordering systems, you can get your Rogator back into the field in no time!

Fendt Service contracts:

Performance and profitability under contract

With a Service contract, Fendt gives you complete cost control and full protection with the ultimate service. For example, a fixed price is set for maintenance and repair when buying the machine. This gives you fully calculable costs and reliable planning for further investment. With the Fendt Service warranty extension you can ensure the reliability of your Fendt Rogator 600 for up to 8,000 running hours and five years. Fendt Service also gives you the option to cover other risks like salvage, towing and vehicle diagnostics in addition to normal repair costs in a complete package.



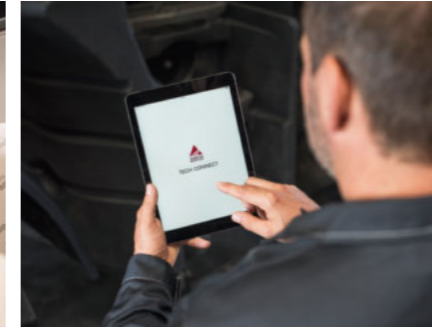
Max. hours	8,000
Max. years	1 + 4
Cover (except wear)	Full cover
Excess	X
optional	✓

Ensure that your machine is ready for action at all times with the Fendt Service benefits, and retain the value of your Fendt machine. Benefit from top-class services and from repair and maintenance services at attractive fixed prices.

Certified Fendt dealerships ensure fast availability of spare parts.



Professional workshops and quality service through exceptional training, the latest diagnostics and ordering systems.



A quick failure diagnosis is the basis of a quick repair and of excellent operational availability. The Rogator 600 offers perfect accessibility to the safety PCB. This provides your technician with open access to all necessary connections and the electronic diagnostic system.

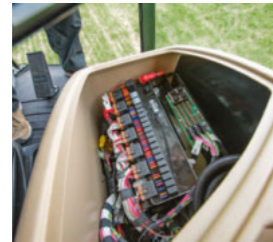


FENDT ROGATOR 600 ADDITIONAL EXTRAS.

Tailored to your individual needs.



■ Automatic climate control and radio system.



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



■ Single or shared switch for work lights.



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



■ Comfortable and safe operation of hydraulic functions.



■ Comfortable and high-quality instructor seat as standard.



■ Integrated cool box.



■ The heart of the Rogator: the comfortable work place.



■ 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.



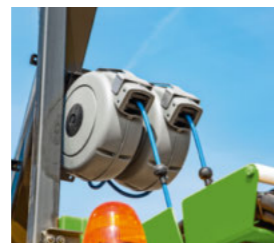
□ Hydrant filling connection with return valve.



■ High-performance 3" armatures.



□ 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.



□ Automatic hitch with brake and electrical connections.

FENDT ROGATOR 600

Equipment variants and technical details.

		Rogator 635	Rogator 645	Rogator 655
Main tank				
Nominal capacity	litres	3850 / 5000	3850 / 5000	3850 / 5000 / 6000
Maximum capacity	litres	4000 / 5200	4000 / 5200	4000 / 5200 / 6300
Clean water tank				
Capacity	litres	500	500	500
Material: High-density polyethylene (HDPE)		■	■	■
Filter				
Suction filter	mesh	12	12	12
Pressure filter	mesh	80	80	80
Plumbing				
Suction side	inch	3	3	3
Pressure side	inch	2	2	2
Material: High-density polyethylene (HDPE)		■	■	■
Suction valve				
Manual 5-way valve		■	■	■
Electric 5-way valve		□	□	□
Spray pump				
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		□	□	□
Chemical inductor				
Volume	litres	60	60	60
Capacity for liquids	l/min	200	200	200
Capacity for solids	kg/min	33	33	33
Rinse system	bar	6	6	6
Cleaning gun**		□	□	□
Boom and spray equipment				
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	24 - 27 - 28 - 30 - 32 - 33 - 36	24 - 27 - 28 - 30 - 32 - 33 - 36
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 3 or 5 sensors		□	□	□
Independent boom geometry		■	■	■
Nozzle spacing	cm	50	50	50
Quin nozzle body	nozzles	5	5	5
Dual select nozzle body	nozzles	2	2	2
2+2 dual select nozzle body	nozzles	4	4	4
Endrow nozzle EU		□	□	□
Endrow nozzle NL**		□	□	□
Reelerhose water**		□	□	□
Reeler hose air		□	□	□

* = Depending on tires, ** = Mandatory country-specific, *** = Country-specific

Standard and optional equipment
 Standard: ■
 Optional: □

FENDT ROGATOR 600

Equipment variants and technical details.



Safety and Service non-stop.

Contact to Fendt.

		Rogator 635	Rogator 645	Rogator 655
Drawbar and Coupler				
Towing eye	mm	38	38	38
Max weight trailer hitch	kg	-	16.000	16.000

		Rogator 635	Rogator 645	Rogator 655
Axle and Brakes				
Fixed axle		■	■	■
Hydraulic adjustable axle		□	□	□
Steering angle*	degrees	35	35	35
4 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 635	Rogator 645	Rogator 655
Tires and Fenders				
Diameter 320/105R46	m	1,84	1,84	1,84
Diameter 380/90R46	m	1,84	1,84	1,84
Diameter 380/90R54	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 635	Rogator 645	Rogator 655
Controls				
ISOBUS		■	■	■
OptiControl leaver		■	■	■
Second 10.4" Varioterminal		□	□	□
Reverse camera		□	□	□
Optiflow control panel		■	■	■

		Rogator 635	Rogator 645	Rogator 655
Engine				
AGCO Power engine		■	■	■
Tier 4 Final emission level		■	■	■
Cylinders	number	4	6	6
Rated power ISO14396	kW/hp	125 / 170	153 / 208	167 / 227
Maximum power ISO14396	kW/hp	129 / 175	164 / 224	178 / 242
Max. torque at 1500 rpm	Nm	750	943	1040
Alternator	A	200	200	200
Electric system	V	12	12	12

* = Depending on tires, ** = Mandatory country-specific, *** = Country-specific

		Rogator 635	Rogator 645	Rogator 655
Hydrostat				
Bosch Rexroth		■	■	■
Top speed at 1750 engine rpm***	km/h	40	50	50
Reduced engine speed at 40 km/h		■	■	■

		Rogator 635	Rogator 645	Rogator 655
Suspension				
Single wheel suspension		■	■	■
Min. ground clearance*	cm	75	75	75
Max. ground clearance*	cm	120	120	120

		Rogator 635	Rogator 645	Rogator 655
Cab				
AGCO Vision cab		■	■	■
Internal volume	m ³	4	4	4
Automatic airconditioning		■	■	■
Cat 4 approved		■	■	■
Integrated cooling box		■	■	■

		Rogator 635	Rogator 645	Rogator 655
Fluid capacity				
Fuel	litres	310	310	310
AdBlue	litres	50	50	50

		Rogator 635	Rogator 645	Rogator 655
Weight				
Empty (depending machine options)	kg	11800	12200	12500

		Rogator 635	Rogator 645	Rogator 655
Air system				
1 cylinder engine mounted			□	□
Maximum pressure	bar	-	8,0	8,0

		Rogator 635	Rogator 645	Rogator 655
Dimensions				
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

What is special about Fendt Service?
 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 the Fendt 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
 Here you will find everything online, from brochures to technical specifications, reports about customers or the company, up to the 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, where you will find a quick link to it directly on the start page.

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All data regarding scope of delivery, appearance, performance, dimensions and weights, fuel consumption and running costs of vehicles reflect the latest information available at the time of print. These may change by the time of purchase. Your Fendt dealer will be happy to inform you about any changes. The vehicles shown do not feature country-specific equipment.