



FENDT

Fendt Rotana F/V/Combi





Fendt Rotana F/V/Combi

- 4 At a glance.
- 6 Spotlights.
- 14 Drive.
- 18 Drawbar and Pick-Up.
- 22 Rotor and Cutting System.
- 26 Pressing chamber.
- 32 Net and Binding.
- 38 Fendt Services.
- 44 Equipment variants and technical details.

At a glance.

Four models for four needs

Fendt balers produce optimal baling results for silage, hay and straw. The tried and tested baling technology of the Fendt Rotana is the perfect solution for any operation - the perfect supplement to Fendt tractors and harvesters.

Fendt Rotana F / V

You can see it in every bale: Experience, innovation and reliability.

Every job presents new challenges for people and machines. This is why the fixed chamber and variable round baler models of the Fendt Rotana family offer extensive equipment options and intuitive operation.

Fendt Rotana 130 F / 160 V Combi

With the Fendt press-wrap combinations from Fendt, valuable green fodder is turned into perfect silage for the best animal health. The Fendt Rotana 130 F Combi and Rotana 160 V Combi have a high density, secure tying, a quick ejection and wrapping process and easy handling.

	Baler chamber volume m ³	Baler chamber diameter m	Power requirement kW/HP
Rotana 130 F	1,50	1,25	45/60
Rotana 130 F Xtra	1,50	1,25	60/80
Rotana 130 F Combi	1,50	1,25	100/140
Rotana 160 V	2,50	0,70 - 1,60	55/80
Rotana 160 V Xtra	0,70 - 1,60	0,70 - 1,60	55/80
Rotana 160 V Combi	2,50	1,23	100/140
Rotana 180 V	3,10	0,70 - 1,80	70/110
Rotana 180 V Xtra	3,10	0,70 - 1,80	70/110



Rotana F and F-Combi Spotlights.

Here you will find the special Fendt solutions. Fendt Spotlights, which make all the difference too you. and make your working day go much faster



1. Steel rollers

- 18 Power-Grip steel rollers ensure even pressure and reliable rotation of the bale. By the process of pressing the ribs into the rollers, no weld seams are needed on the running surface. Three ribs are in constant contact with the bale. Dirt accumulation is effectively prevented with scrapers on the rollers.

2. Cutting floor

- With the HydroFlexControl cutting floor, the baling capacity of the machine is effectively increased thanks to a higher driving speed. The system completely independently removes over 80% of the blockages using a spring loaded hinge. For larger blockages. the floor can be hydraulically lowered up to 50 cm from the cab and the blockage is removed.

3. Knives

- Depending on the options, the Fendt Rotana can have a knife bank with up to 25 knives. The knives can be operated in groups (0-12-13-25). The theoretical cutting length is 45 mm with the maximum number of knives. The knife pre-selection is set using the operating terminal or ISOBUS.

4. Pick-Up

- The maintenance-free and quiet camless pick-up with pick-up tines that extend to 13 cm and a tine spacing of 64 mm, together with the crop press roller, ensure reliable and even feed. The pick-up has 5 rows of tines each with 30 pick-up tines.

5. Bale chamber

- The Fendt Rotana F has a reducible pressing chamber diameter. The elliptical shaped bale chamber geometry ensures optimal net pick-up, bale density, bale chamber fill as well as bale rotation in the machine.





6. Operation

- There are 3 options available with which the Fendt Rotana can be operated. You have the choice between "Bale Control", the introductory part, the "E-Link Pro" for comfortable operation or operation via the ISOBUS terminal from the towing vehicle.

7. Interlock

- Very dense bales and reliable closing of the tailgate is ensured by the mechanical lock. Because the tailgate cannot move due to the secure hook locks, you always get dense, optimally formed bales. The bale density is determined by exact measuring of the pressure on the tailgate hook. The sensors on both sides measure the exact bale density and give the driver indications of whether he should drive left or right to form even bales.



8. TIM

- The TIM Profi package consists of several individual TIM functions. This package simplifies the process of baling round bales, because the machine performs a number of functions fully automatically multiple times. The tractor will stop automatically as soon as the bales are finished. After the tying procedure the tailgate will open and close automatically to eject the bales.

9. Film wrapping

- The bales can be tied with a film instead of a net. By getting rid of the net, it no longer has to be separated from the wrapping film, the fodder doesn't freeze to the net in the winter, which makes unpacking the bales easier.

10. Hand washing tank

- The fresh water container serves for washing hands or washing dust and dirt off of objects. It fulfils the highest demands equipped with a soap dispenser.





Rotana V and V-Combi Spotlights.

Here you will find the special Fendt solutions. Fendt Spotlights, which make all the difference too you and make your working day much better.



1. Belts

- The endless belts have a strength of 8 mm and a width of 28.5 cm. The belts are 11 to 12 m long, depending on model. Even under maximum Density, the belts still have a reserve of 80%. Together with the CPS System (Constant Pressure System), the belts give a even and constant pressure.

2. Cutting floor

- With the HydroFlexControl cutting floor, the baling capacity of the machine is effectively increased thanks to a higher driving speed. The system completely independently removes over 80% of the blockages using a spring loaded hinge.

3. Knives

- Depending on the equipment, the Fendt Rotana has a knife bank with up to 25 knives. The knives can be operated in groups (0-12-13-25). The theoretical cutting length is 45 mm with the maximum number of knives. The knife pre-selection is set using the operating terminal or ISOBUS.

4. Pick-Up

- The maintenance-free and quiet camless pick-up with pick-up tines that extend to 13 cm and a tine spacing of 64 mm, together with the crop press roller, ensure reliable and even feed. The pick-up has 5 rows of tines each with 30 conveyor tines. The flow of goods is centred by the side conveyor screws.

5. Pressing chamber

- With the smallest possible start-up space, a double drive and intelligent tailgate linkage, the pressing chamber of the variable Rotana is the whole package for versatility and the highest performance.



2.

6. Operation

- There are 3 options available with which the Fendt Rotana can be operated. You have the choice between “Bale Control”, the introductory part, the “E-Link Pro” for comfortable operation or operation via the ISOBUS terminal from the tractor.

7. Automatic lubrication pump

- The automatic lubrication pump lubricates all roller bearings fully automatically. Thanks to the large lubrication tank work can be carried out for several days without refills. This is unique among variable balers!

8. Tying shaft

- The net is guided through a shaft using a conveyor belt right through to the bales in the bale chamber. The shaft is pivoted back after the tying process.



7.

9. TIM

- The TIM Profi package consists of several individual TIM functions. This package simplifies the process of baling round bales, because the machine performs a number of functions fully automatically multiple times. The tractor will stop automatically as soon as the bales are finished. After the tying procedure the tailgate will open and close automatically to eject the bales. The pick-up will be raised automatically for the weighing process and also when reversing.

10. Hand washing tank

- The fresh water container serves for washing hands or washing dust and dirt off of objects. Its closure is also a soap dispenser and ensures clean working every day.





Drive.

The rotor drive is on the right-hand side of Fendt round balers, driven by a duplex chain. The press chamber drive is on the left-hand side. The chains ensure the highest quality and thus durability. The freewheel socket ensures safety.



1. Power distribution on a gentle level

Low vibration and long life like no other - the Fendt Rotana has a high output with low power consumption & wear and tear.

The drive of the Fendt round baler is very low maintenance. So you save valuable time on repairs and maintenance and can use it for the harvest.

PowerSplit transmission provides support during baling by distributing the power perfectly evenly between rotor and chamber.

The spring-loaded conveyor channel floor and the 360° on the chamber drive prevent shocks to the drive line and extend the life expectancy of the baler for many years!

2. PowerSplit transmission

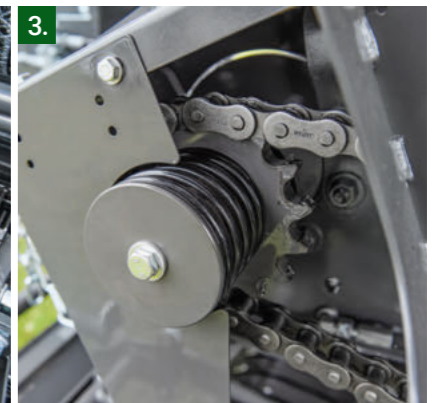
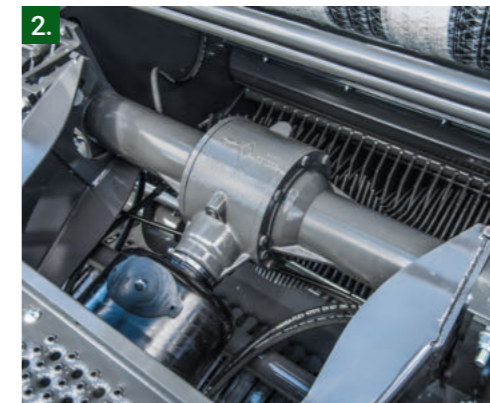
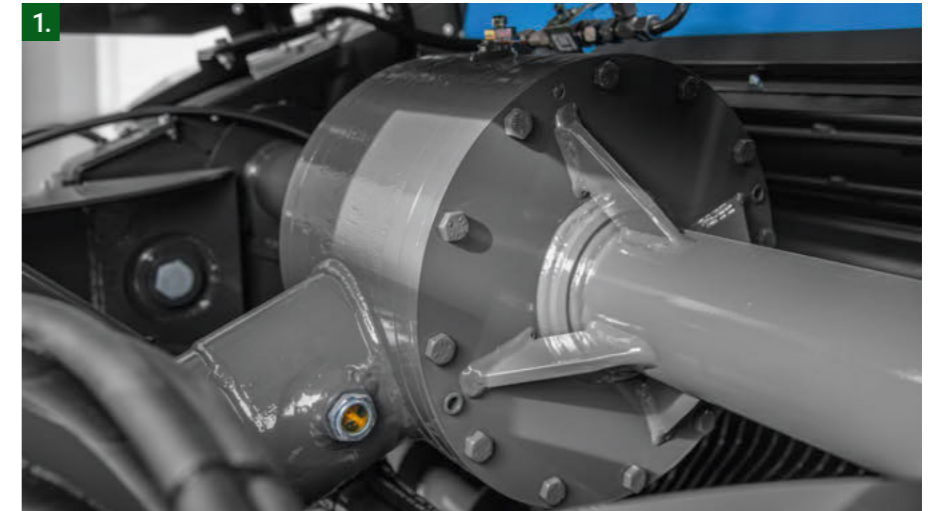
- Split drive concept, so the required power is distributed evenly between rotor and drive
- 540 rpm or 1000 rpm option for the input
- By installation as a frame element, vibrations are reduced, leading to extremely quiet operation of the Rotana

Walterscheid wide angle drive shaft

- 1 3/8" Z6, 1650 Nm, shear bolt coupling
 - For models without cutting unit
- 1 3/8" Z6, 1950 Nm, cam switch and freewheel clutch
 - For models with cutting unit

3. Power transmission – 360° freewheel

If the machine is stopped or blocked, this freewheel allows the bales to stop slowly. Shocks on the drive shaft are effectively avoided.



- + The drive shaft is protected from overload
- + The life of the individual components and the entire machine is maximised.



Drawbar and Pick-Up.

The highest throughputs can only start with the perfect feed intake. The high-performance free-running pick-up provides this for Fendt round balers. This means the pick-up consists of fewer moving parts subject to wear, it runs more smoothly and is easier to maintain.



Maximum pick-up capacity for maximum performance.

The highest outputs can only be achieved with perfect fodder uptake. The Fendt round balers have high-performance, wide, camless pick-up with the longest tines on the market. The pick-up impresses with its quiet run and its ease of maintenance that ensures a reduction of movable parts that are subject to wear.



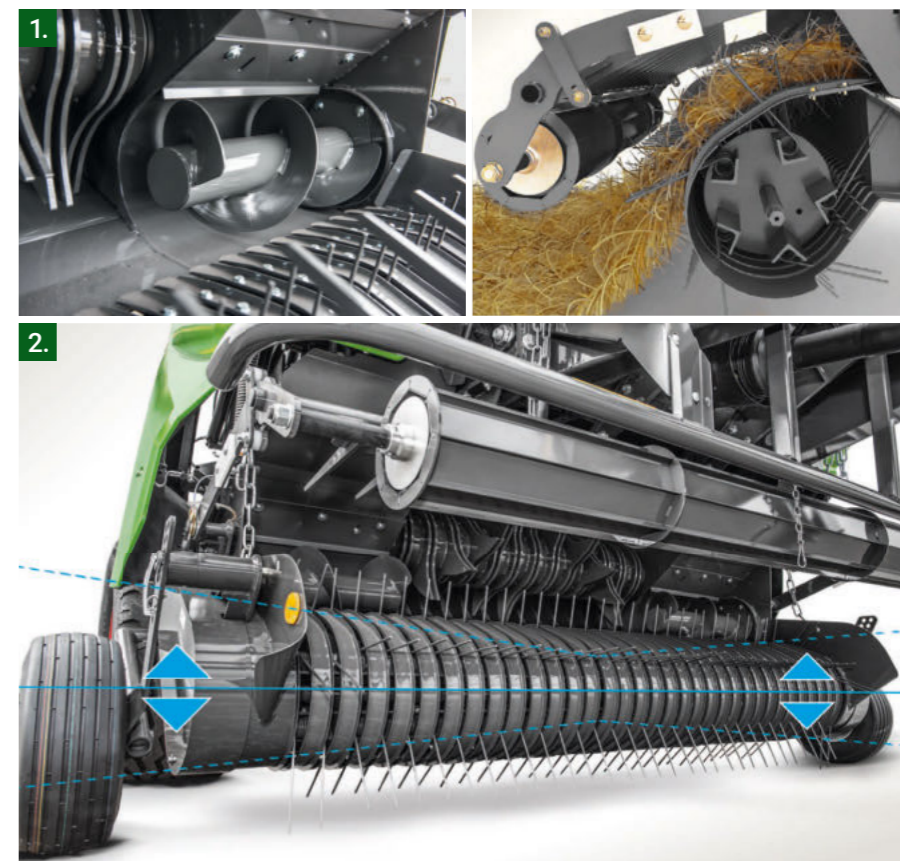
- + With a 13 cm "protrusion length", the Rotana offers the longest tines on the market, which explains the high intake volumes with comparably low speed.
- + The pick up feed augers ensure that the flow of the crop is centred nicely in front of the rotor. Thus a symmetrical fill of the baling chamber can be ensured.

1. Camless pick-up

- Quiet and low-maintenance
- 5 rows of tines each with 30 tines with 64 mm tine spacing
- 5.6 mm strong and especially long pick up tines guarantee reliable pick-up
- Very near to the rotor, resulting in a very good crop flow.
- Standard with pick up feed augers with a diameter of 25 cm and length of 36 cm
- the crop press roller ensures even crop flow

2. Pendulum-Pick-up-Kit – ready for any challenge

- The kit creates an increased pendulum angle for the pick-up
- The pendulum path on both sides is 70 mm up and 70 mm down
- So the machine adjusts brilliantly to the ground contours even on uneven fields





Rotor and Cutting System.

Different rotors also work in all Fendt round balers depending on the relevant application. The rotor speed is 134 rpm. The v-shaped design of the tips ensures that the pressing chamber is filled evenly.



1.

1. Rotor and Cutting System

The various rotors of the Fendt Rotana offer the right solution for any job. Fully, flexibility, highest throughput with the longest life are standard. The input is smooth even in difficult conditions thanks to HydroFlexControl.



+ The rotor is a decisive component as a link between the pick-up and the baling chamber. Every Rotana is tuned for high performance and fodder quality, with the rotor as the foundation.



Conveyor rotor without cutting system



XtraCut13 Rotor
(Finger pair distance: 90 mm)
- Without cutting system (series)
- With cutting system: up to 13 knives



XtraCut17 Rotor
(Finger pair distance: 67.5 mm)
- With cutting system: up to 17 knives



XtraCut25 Rotor
- With cutting system: up to 25 knives

	Rotana 130 F	Rotana 130 F Xtra	Rotana 130 F Combi	Rotana 160 V	Rotana 160 V Xtra	Rotana 160 V Combi	Rotana 180 V	Rotana 180 V Xtra
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Table/rotor

Without table with conveyor rotor	■			■			■	
Without table - 2-star conveyor rotor		■			■			■
XtraCut - 13 knives with 2-star conveyor rotor		□	■		□	■		□
XtraCut - 17 knives with 2-star conveyor rotor with group shift (8-9-17)		□	□		□	□		□
XtraCut - 25 knives with Profi rotor with group shift (12-13-25)		□	□		□	□		□



Pressing chamber.

Fendt round balers offer real unique selling points that pay off in practical use. The pressing chamber has a self-cleaning bearing housing for increased running time. Damp and intruding materials are removed by the scraper in the bearing housings.



1.

1. Fendt Rotana F / F Combi baling chamber

With the Fendt fixed chamber balers, perfect bales are guaranteed. The mechanical lock of the baling chamber ensures continual solid and optimally formed bales.

The rapid ejection time reduces down times and increases your work efficiency. So you save valuable time in often tight harvest windows.



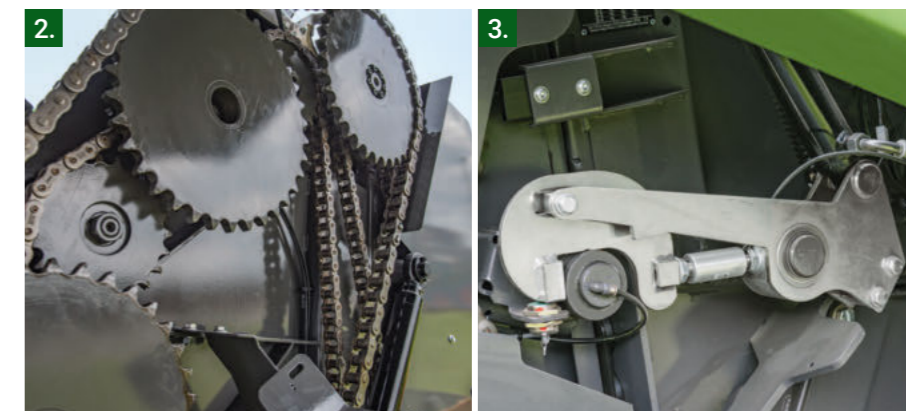
✦ The unique helical chamber causes a pulsation of the bale, which is required for uniform density. Secure bale rotation, perfect net reception and ideal crop feed by the rotor is guaranteed.

Baling chamber geometry

- Decreasing bale chamber diameter
- The bale chamber diameter decreases by 3 cm in the bale rotation direction

Thus:

- Better net coverage
- Improved bale density
- Improved bale chamber fill
- Improved bale rotation



2. Main drive

- The drive of the bale chamber is divided
 - Only every second roller is driven by the same chain
- The left side of the PowerSplit transmission drives the rollers in the front frame and every second roller in the tailgate
- A connector shaft transfers the power to the right side, where the rest of the rollers are driven
- Through this separation:
 - More teeth engaged per gear
 - Less load per gear
 - Less wear and tear

3. Fendt Rotana F tailgate lock

- Sensors on both tailgate hooks measure the pressure on the tailgate
- Constant bale density, even after many years of use
- Very precise operation
- For the last 30% of the baling process, enables the logging of the press density on the left and right side of the bale



1.

1. Fendt Rotana V / V Combi bale chamber

Variable round balers of the Rotana series are designed to press all crops without a problem. With their flexibility regarding material, bale density, bale diameter, cutting length and terrain, they are the first choice for contractors and mixed operations all over the world.

Four extremely durable endless belts in a symmetrical layout

Advantages over normal baling belts:

- Extremely quiet
- No "striking" of connectors on the rollers
- Incomparable life span

Opticlean rollers

- These patented rollers bend the baling belts in various directions to effectively remove any contamination
- So you can keep the belts clean without "scratching" the surface, as is the case with cleaning screws

2. Patented adaptive tailgate control

- Tailgate is suspended on the clamping arm
- enables the growth of the bale in the horizontal direction & optimizes the smooth run of the machine
- Small start space to enable early rotation
- 1. Arm pivots around the main frame
- 2. Tailgate pivots around the arm

3. Pressure regulation

- Hydraulics
- CPS (Constant Pressure System) for constant pressure according to bale growth
- CPS-independent control via electronic valve
- Single-acting control for the tailgate
- Hydraulic valve block for the pick-up, the cutting floor and the knife pre-selection

4. Mechanical tailgate lock using a single-acting control device

- Results in highest bale density
- Rapid ejection of the bale
- Low flake loss
- No sensitive hydraulic controls necessary



3.



Net and Binding.

Reliable binding is self-evident for Fendt round balers. Both the Fendt fixed-chamber balers and the variable round balers offer the optimal type of binding for your bales.

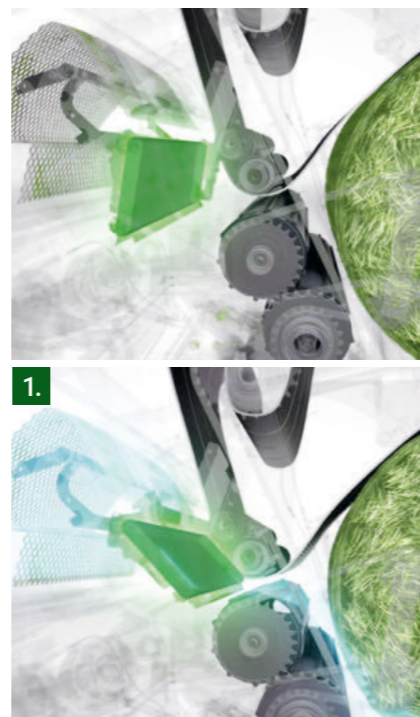


1. Net – Tying shaft

- The net is guided through a shaft right through to the bales in the bale chamber
- Net binding can be used with all standard net widths
- Option also includes a net stretching unit, which is "activated/deactivated" via the pre-tensioning



- + Net wraps can be set in the terminal
- + Sharp net knife ensures a clean cut
- + No residual net in the moving parts of the machine



Film binding - Fixed chamber combi

- Comfort Load System for ergonomic loading of rolls of net or film
- Rotatable 3-roll magazine for roll changes in 2 min = Rapid Reload System
- Electromagnetic brake for proper stretching of the wrapping material for a perfect compression and cover of each bale
- Gauging of the roll diameter to optimize braking power
- Second camera can be ordered as an option to observe the binding of the film
- Optimized film gathering to minimise waste

Film binding - Arguments for it at a glance

- Large capacity
 - 3 rolls at the ready
- Largest baler capacity
 - 240 - 900 bales
- Rapid film change
 - 2 minutes from one roll to the next
- Easy to operate
 - Everything mechanically supported
- The most intelligent way of wrapping bales
 - Electromagnetic brake system for optimal pre-stretching of net and film

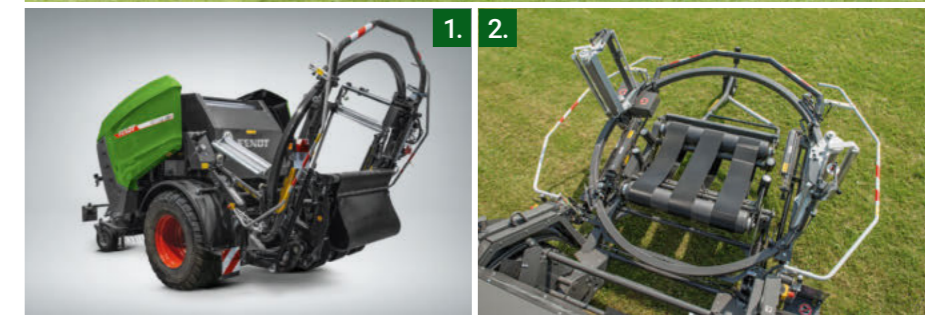


- + Patented roll magazine
- + Maximum operating comfort
- + Quicker changes enable maximum flexibility

2. Rapid Reload System

- The the patented round magazine, unique on the market, for various wrapping materials makes changing rolls child's play. So you don't lose time during the harvest.
- Faster changing between 3 different rolls during work
 - No dealing with the paper core during the day





Wrapping unit.

Highest quality, precision and cost-effectiveness

The Fendt Rotana 130 F and 160 V-Combi combine baling and wrapping with the highest quality, precision and cost-effectiveness. The tried and tested baling technology of the Rotana solo balers form the heart of these machines. So valuable green fodder becomes perfect silage for good animal health and performance without needing highly concentrated feed.



- + A baling unit that can't be beat in its combination of speed, adaptability and precision makes the Rotana Combi the ideal silage machine.

1. Assembly

- Short, compact and light machine with the minimum ground compaction
- Space-saving in the transport position
- Good manoeuvrability and yet gentle on the turf
- High ground clearance

Three LED worklights

- One under each side cover
- One light illuminates the wrapping unit

Spotlight kit option

- 3 LED working lights
- Mounting above the wheels
- Optimum illumination of the wrapping unit

2. Wrapping ring

- Ring position set automatically, depending on bale diameter
- Optimal film overlap
- Option of setting the ring position offers some advantages:
 - Compact transport position
 - Always centred wrapping of the bale
 - Easy film change when ring is down



Fendt Services.

A Fendt machine is a high-tech product for the highest of demands. Accordingly, the certified Fendt sales partners offer first-class service.

FENDT  +44 330 123 9909
CUSTOMER
HOTLINE

You can contact the certified service partners around the clock via the Fendt Customer Hotline





The best product under the best protective shield

- Extraordinary service partners and service:
- A short distance between our trained service employees and you
 - 24/7 Replacement parts availability during the season
 - 12 month guarantee on Fendt original parts and installation

100% quality. 100 % Service: Fendt Services

- Fendt Demonstration Service
- Fendt Expert Driver Training
- AGCO Finance - Financing and Leasing Offers
- Fendt Care - Service contracts and warranty extension
- Fendt Certified – Used machine programme

Ensure the operation of tomorrow today.

Fendt Demonstration Service

- Get on and try it out, instead of just talking about it
- Basis for an optimal decision-making process

Fendt Expert Driver Training

- Exclusive practical training with professional trainers
- Optimization of efficiency by learning all of the functions and exploiting the entire performance potential of the Fendt machine

Individual financing and leasing models

- Credit financing by AGCO Finance with attractive conditions, flexible terms and projectable costs
- Tailored leasing offers via the Fendt sales partner



Fendt Certified – Used machine programme

Used agricultural machines with proven high-quality and certified Fendt quality

Advantages:

- Certification according to demanding quality standards
- Extensive initial check (technology, wear, appearance)
- Meticulous maintenance of wearing parts
- replacement, cleaning and painting of components as needed
- Includes warranty

Fendt Care - Service contracts and warranty extension

- Tailored maintenance and repair service that goes beyond the warranty
- Maximum safety of use
- Flexible terms and rates with and without deductible
- Full cost control and planning security
- Only original parts used with guaranteed production quality and tested for reliability for maximum value retention of the Fendt machine



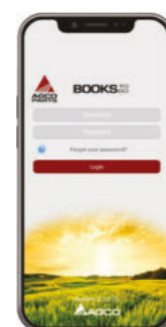
Fendt Care.

Cost control and planning security with the FendtCare rates

- Comprehensive range of services to ensure operational safety and repairs on new machines
- Full cost control with the best service
- Tailored solution for the fleet from maintenance contract to complete worry-free package including replacement machine

Smartphone-App "AGCO Parts Books to go"

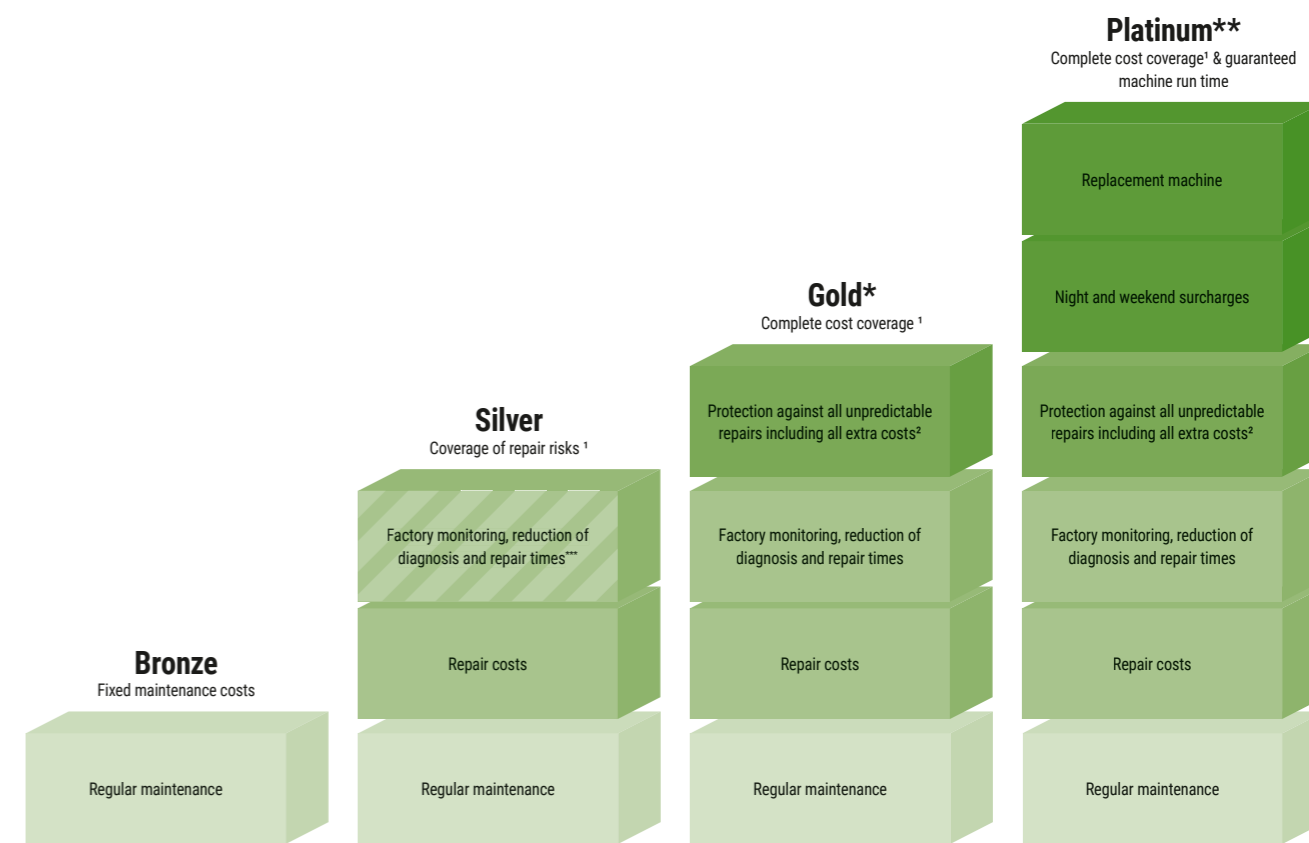
- Find replacement parts quickly and order directly
- Download via the App Store or the Google Play Store
- Access data via the Fendt sales partner













App Store



Google Play Store



Available for	Cost advantages with Fendt Connect (optional)		Only for tractors with Fendt Connect	
	Complete Fendt Portfolio	Complete Fendt Portfolio	Wheeled tractor with Fendt Connect & telescopic loader ⁸	Wheeled tractor with Fendt Connect
Customer benefit (deductible)	Operation safety of the machine	Coverage of large-scale damage ³ (490 €) Comprehensive coverage at attractive rates (190 €) Complete coverage with full cost control (0 €)	Complete coverage with full cost control including all extra costs (0 €)	Complete coverage with full cost control including all extra costs & guaranteed machine run time (0 €)
Maximum coverage Warranty extension	 8 Years / 8,000 OH	 5 Years / 3,000 OH  5 Years / 5,000 OH	 3 years / 2,000 OH ⁴  3 years / 4,000 OH ⁴  3 years / 25,000 bales ⁴	 5 Years / 50,000 Bales  8 Years / 4,000 pump-H  5 Years / 8,000 OH  5 years / 750 OH ⁷

OH = operating hours; H = hours; ¹ excluding wear and tear; ² travel costs, recovery / towing, troubleshooting with additional diagnostic tools, use of dynamometer, oils and filters if engine / transmission is repaired; ³ only available for machines with self-propelled & RG300 & Momentum; ⁴ ISOBUS-enabled machines only; ⁵ PR, VR & XR only; ⁶ incl. Roller; ⁷ Momentum 16 & 24 only; ⁸ Gold rate for telehandler also available without Connect; ⁹ Gold rate only available in DE, FR, GB, IT, BG, CZ, EE, HR, HU, LT, FI, LV, MD, RO, RS, SE, SI, SK, UA, AT, LU, NL, CH, BE, BY, NO, PL, DK; ¹⁰ Platinum only available in DE, EN, FR; ¹¹ optional with Fendt Connect



Equipment variants and technical details.

Dear customer,
Our motivation at Fendt is to provide you with the most innovative machines and solutions so that you can do your work even more efficiently and comfortably. We are constantly advancing our products and their equipment details. Therefore, you will find all technical data and equipment variants updated daily on our website.



Simply scan the QR code or follow the link below:
fendt.com/rotana-f-v-combi-data



HydroFlexControl

- HydroFlexControl enables a higher travel speed of up to 20% with simultaneously reduced down times.
- The components of the feeder and main drive shaft are protected from excessive wear thanks to the system.



Bale deposit

- The wrapping folds very close to the ground
 - Low transfer height and low speed
- To better protect the film, there is an optional bale mat or the bales can be deposited on there ends
 - Bales first fall on the mat and all stubble is pressed in by the mat - damage ruled out
 - New end tip kit with additional bar for bale guidance
 - Bales placed on there end, because the bale has the most film on the front
 - Easier logistics if the bale gripper is used for collection - up to 15% time savings

Technical Details.

Perfect for every machine

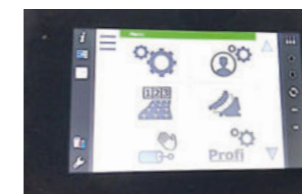
Complexity kept simple - many of the components of the various Rotana F and Rotana V models are exactly the same. Thus all Fendt Rotana balers achieve smoothness, power balance, high uptake volumes and output, and above all, a long life of the machine.



Tractor Terminal



E-Link Pro



Bale control

Large selection of operations

- Bale control
- E-Link Pro and ISOBUS only possible on the Rotana 130 F Xtra baler
- ISOBUS always with ISOBUS software and with ISOBUS plug
- Easy user interface and perfect process monitoring

FENDT

Leaders drive Fendt.



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