



Fendt Rotana F/V/Combi

GREEN HARVEST TECHNOLOGY WITH THE FENDT FACTOR.



Fendt Rotana F/V/Combi

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Four models for four needs

The Fendt Rotana balers offer optimum baling results for silage, hay and straw. The tried and tested baling technology of the Fendt Rotana is the perfect solutions 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 F Combi / 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 m³	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



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. Blades

• Depending on the equipment, the Fendt Rotana has a knife bank with up to 25 blades. The knives can be operated in groups (0-12-13-25). The theoretical cutting length is 45 mm with the maximum number of blades. 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 roller pressure pad, 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 the beginner's part, "Bale Control" and the "E-Link Pro" for comfortable operation or operation via the ISOBUS terminal from the tractor.



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 determine 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 they 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 tying. After the tying procedure the tailgate will open and close automatically to eject the bales.



9. Rapid Reload System

• Thanks to the Rapid Reload System, the Rotana F Combi offers unique advantages for the user. A quick roll change is possible with three work-ready rolls (net or film), which are gently positioned via a loading carriage. The machine also features intelligent braking force control and optimised shaft feed. Thanks to the precise pre-stretching of the binding material and the secure binding by a film pusher, the bale density is perfectly maintained.

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.





Fendt Spotlights, which make all the difference to you and make your working day go much faster.





1. Belts

• The infinite belts have a thickness of 8 mm and a width of 28.5 cm. The belts are 11 to 12 m long, depending on model. Even at maximum pressing pressure, 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

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3. Blades

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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 roller pressure pad, ensure reliable and even feed. The pick-up has 5 rows of tines, each with 30 pick-up tines. The flow of goods is centred by the side conveyor screws.

5. Bale 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.



6. Rapid Reload System

• Thanks to the Rapid Reload System, the Rotana F Combi offers unique advantages for the user. A quick roll change is possible with three work-ready rolls (net or film), which are gently positioned via a loading carriage. The machine also features intelligent braking force control and optimised shaft feed. The precise pre-stretch of the binding material using an electromagnetic brake ensures that the bale density is maintained perfectly.

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.

9. TIM

The TIM Profi package consists of several individual TIM functions. The package greatly simplifies the processes involved in baling round bales, as the machine performs a large number of functions fully automatically. The tractor will stop automatically as soon as the bales are finished tying. After tying, the tailgate will open and close automatically to eject the bales. The pick-up is automatically raised for the weighing process and 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.







1. Power distribution on a gentle level

Low vibration and longevity like no other – the Fendt Rotana has a high output with low power consumption and wear and tear.

The drive of the Fendt round baler is very low maintenance. This eliminates time-consuming repairs and maintenance work, allowing you to concentrate fully on 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

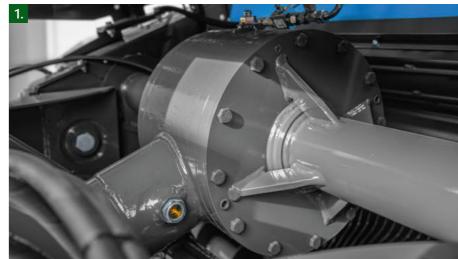
- Split drive concept, so the required power is distributed evenly between rotor and drive
- Choice between two transmissions with 540 rpm or 1,000 rpm
- By installation as a frame element, vibrations are reduced, leading to extremely quiet operation of the Rotana

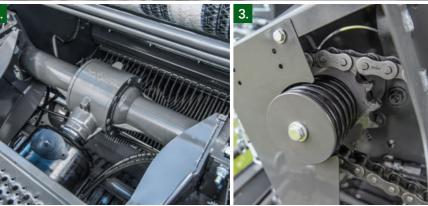
Walterscheid wide angle drive shaft

- 1 3/8" Z6, 1,650 Nm, shear bolt coupling
- $\cdot \ \, \text{For models without cutting unit}$
- 1 3/8" Z6, 1,350 Nm, cam switch and overrunning clutch
- · For models with cutting unit

3. Power transmission – 360° free wheel

If the machine is stopped or blocked, this free wheel allows the bales to stop slowly. Shocks on the drive shaft are effectively avoided. A toothed clutch allows rotation in the drive direction when the drive is stopped.





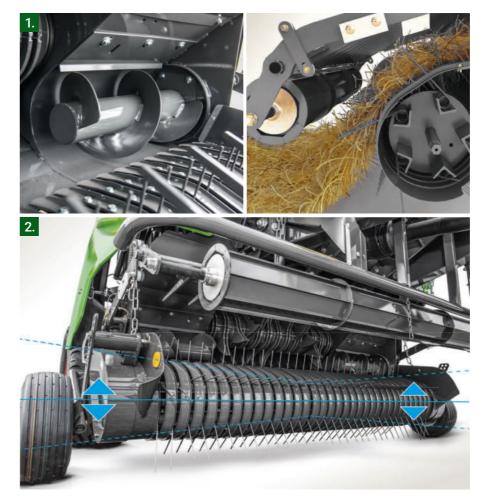


- + The drive train is protected from overloading
- + The service life of the individual components and the entire machine is maximised
- + Lower costs for maintenance and spare parts
- + Higher residual value for used machines

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 throughputs can only be achieved with perfect feed intake. The Fendt round balers have highperformance, 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. Uncontrolled pick-up

- Quiet and low-maintenance
- 5 tine rows with 30 tines each 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 roller pressure pad ensures even crop flow

2. Pendulum pick-up kit – up to 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
- The pendulum kit is already fitted ex works for new machine configurations



+ Better ground contour following minimises harvest losses in the field

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. Rotor and Cutting System

The various rotors of the Fendt Rotana offer the right solution for any job. Full flexibility and maximum throughput with maximum durability are therefore 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 bale 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 cutterbar: up to 13 knives



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



XtraCut25 Rotor
- With cutterbar: up to 25 knives

Table/rotor	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
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)								







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.



- + Highest possible density
- + Safe bale rotation
- + Ideal crop supply
- + Perfect net intake in dry goods
- + Reliable film intake even with moist silage
- + Maximum reliable bale output



- The drive of the main chamber is split, i.e., only every second roller is driven by the same chain.
- A connecting shaft transmits the power to the right-hand side of the chamber, from where the remaining rollers are driven.



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







- + More teeth engaged per gear
- + Less load per gear
- + Less wear and tear
- + Better net coverage
- + Improved bale density
- + Improved bale chamber fill
- + Improved bale chamber ini

 + Improved bale rotation
- + Easier feeding at the rotor
- + Improved bale output

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
- In the last third of the pressing process the high-precision sensors enable the exact recording of the pressing density and the shape of the bale.



+ In the last third of the pressing process the high-precision sensors enable the exact recording of the pressing density and the shape of the bale.



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 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
- The Opticlean rollers keep the belts on track



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

2. Patented CPS system

- At the beginning, the tailgate is in the highest position to enable the fastest possible core formation
- The tailgate moves down with increasing bale diameter
- This moves the bale further back and reduces the pressure on the rotor in the chamber entrance area

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
- Continual increase in pressure until the set pressure is achieved
- High compaction in the outer layers doubles the bale weight



Constant pressure on the straps from the core to the maximum bale diameter.

- + Optimum fermentation for the best feed
- + Number of bales reduced thanks to the highest bale density on the market
- + Lower net/film consumption
- + Less loading capacity is required









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
- + Getting out of the tractor is only necessary to change rolls
- + Sharp mesh blades ensure a clean cut





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 pre-stretch of the binding material for a perfect compression and cover of each bale (respective roller of the magazine in binding position connected to the E-brake via gear wheel)
- 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
- Our round balers profit from years of experience and intensive testing with various net manufacturers

Film binding - Arguments for it at a glance

- Large stock and three additional rolls ready for use
- Easy to operate thanks to mechanical support
- Intelligent bale wrapping, thanks to electromagnetic brake system for optimal pre-stretching of net and film



- + Fast and convenient roll change between bindings
- Clean working possiblePatented roll magazine
- 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.

2. Rapid Reload System

- Quick change among 3 different rolls during work
- No dealing with the paper core during the day







2. wrapping ring

- Ring position set automatically, depending on bale diameter
- Thanks to the intelligent sensor technology ensures optimum film overlap by detecting the bale rotation and wrapping ring speed

Wrapping unit.

Highest quality, precision and cost-effectiveness

The Fendt Rotana 130 F Combi and the 160 V Combi combine baling and wrapping with the highest quality, precision and efficiency. The patented and adaptive ring wrapping technology of the Rotana press wrapping combinations is the key element 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 an 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
- Bale deposit close to the ground
- Extremely low centre of gravity, making it very suitable for working on slopes



Option of setting the ring position offers some advantages:

- + Compact transport position
- + The bale is always centred patented
- + Easy film change when ring is down

Wrapper drive.

- The wrapping ring is driven and guided by rubber rollers
- Additional 11 rubber wheels that guide the ring
- Hydraulic drive of the rubber rollers/ wrapping ring
- Sensory monitoring of the winding speed
- No displacement of the wrapping ring
- Special spring-loaded brakes slowly reduce the ring speed



- + Quiet and even run
- + The wrapping ring is safely driven, best hold and low slippage during operation
- + Durable components for long service life
- + Process reliability for the best winding quality









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 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 Certified* – Used machine programme

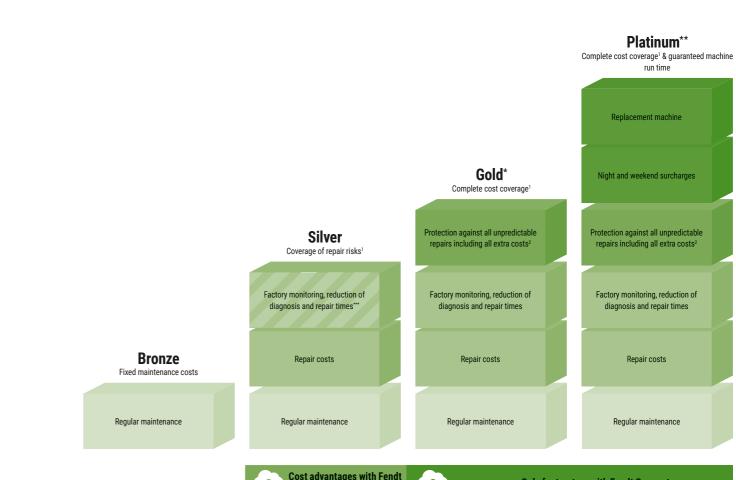
Used agricultural machines with proven high-quality and certified Fendt quality

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 Certified only available in GB/FR





Cost advantages with Fendt Only for tractors with Fendt Connect Connect (optional) Wheeled tractor with Fendt Connect & Wheeled tractor with Fendt Connect Complete Fendt Portfolio **Complete Fendt Portfolio** Available for telescopic loader8 Coverage of large-scale damage³ (490 €) Complete coverage with full cost control Complete coverage with full cost control **Customer benefit** Comprehensive coverage at attractive rates including all extra costs & guaranteed machine Operation safety of the machine including all extra costs run time (deductible) (190 €) (0 €) Complete coverage with full cost control (0 €) coverage Warranty 8 Years / 8,000 OH 5 Years / 3,000 OH 5 Years / 5,000 OH | 3 years / 3 years / 4,000 OH5 3 years / 5 Years / 25,000 50,000 Bales 4,000 pump-H 8,000 OH extension

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; ⁵ incl. Rollector; ³ Momentum 16 & 24 only; ⁵ Gold rate for telehandler also available without Connect; ⁺ Gold rate only available in DE/FR/GB/IT/BG/CZ/EE/HR/HU/LT/FI/LY/MD/RO/RS/SE/SI/SK/UA/AT/LU/NL/CH/BE/BY/NO/PL/DK; ⁺ Platinum only available in DE, EN, FR; ⁺ optional with Fendt Connect



Fendt Care.

Cost control and planning security with the Fendt Care 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





Technical Details.

Complexity kept simple.

Intelligent mechanical solutions protect the Fendt Rotana in overload moments and maintain the high market value of the round balers over long stretches of the machine's service life.



- + Ideal crop flow thanks to flexible roller pressure pad
- + Protection of the drive train thanks to 360° free wheel
- + HydroFlexControl
- + PowerSplit transmission





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.
- If there is a clog, you can completely hydraulically open the bottom of the feed table to create more space for the rotor.
- · Material can be pulled in
- · Crop flows further into the chamber
- · Bottom can be closed again
- · Baling can continue
- This patented system prevents load peaks leading to clogs through softly lowering the floor.
- · The conveyor channel floor is suspended from the pivot point with a steel spring.
- · If a blockage arises, the floor softly moves down, so the blockage is removed and the crop continues to be conveyed.



Bale deposit

- The wrapping table moves far down, so the bale has a lower drop height and 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
- Automatic bale tip off or manual bale tip off possible
- Single and double deposit of bales possible

Double bale tip off

- · Finished bale is held on the wrapping table while the second is being baled
- · Can tip off both bales in one place

Tractor Terminal





Bale Control Pro

Large selection of operations

- Bale control
- Bale Control Pro and ISOBUS only possible with the Rotana 130 F Xtra baler
- All variants are equipped with ISOBUS software and connector
- Easy user interface and perfect process monitoring



Leaders drive Fendt.



