



FENDT

Fendt CORUS 500





Fendt CORUS 500

- | | |
|------------------------------------|--|
| 4 At a glance. | 20 Residue management & Grain handling. |
| 6 Spotlights. | 24 Engine & Hydraulics. |
| 8 Headers. | 32 Cab. |
| 12 Threshing unit & Straw walkers. | 32 Fendt Services. |
| 16 Cleaning system. | 38 Equipment variants and technical details. |



At a glance.

Fendt CORUS 500 - Always by your side.

When it comes to harvesting, reliability is important to you? Then we have the ideal partner for you: the Fendt CORUS 500 is always by your side. Even in demanding operations, the robust combine harvester is reliable, efficient and guarantees maximum harvesting performance. This makes it an indispensable helper, especially for family farms.

- Three models from 185 to 260 hp
- Stage V, four-cylinder and six-cylinder engines
- Available with FreeFlow or PowerFlow cutting headers
- Intelligent header levelling control: TerraControl
- Threshing drum with 600 mm diameter
- Optional: Multi Crop Separator
- Quick-change sectional concave
- Electrical straw chopper deflectors
- 5,200 or 6,500 l grain tank capacity at 72 or 85 l/s unloading speed
- Comfortable cab with ergonomic control armrest and multifunctional lever
- Electronically controlled hydrostatic transmissions
- Available in anti-wear and rice versions
- Independent concave adjustment – front and rear – set electrically from the cab
- New modular grain pan with removable plastic inserts

Engine		CORUS 518 (MCS)	CORUS 522 (MCS)	CORUS 526 (MCS)
Max. performance (ECE R 120)	kW/hp	136/185	166/225	192/260



Fendt CORUS 500 Spotlights.

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



1. Different headers

- PowerFlow header with a working width of up to 6.20 m
- FreeFlow header with a working width of 7.60 m

2. Terra Control

- Automatic control of various header functions from the cab: header height adjustment, ground pressure control, automatic lowering and optional AutoLevel header control

3. HD header transmission

- Optionally available
- For large working widths or headers with high drive power

4. Engine

- Stage V engines with 4 and 6 cylinders
- Max. performance from 185 to 260 hp

5. Cab

- Comfortable cab with ergonomic seat-mounted armrest, air-suspended seat and multifunctional lever
- Intuitive operation of all functions
- New working lights for a perfect overview at all times

6. Multi Crop Separator

- Increased throughput in difficult conditions (e.g. damp straw)
- Loosens the straw mat in front of the straw walkers
- Better separation

7. Sectional concave

- Easy and quick change between different crops
- Optimized threshing and separation capacity

8. Electronically controlled transmission

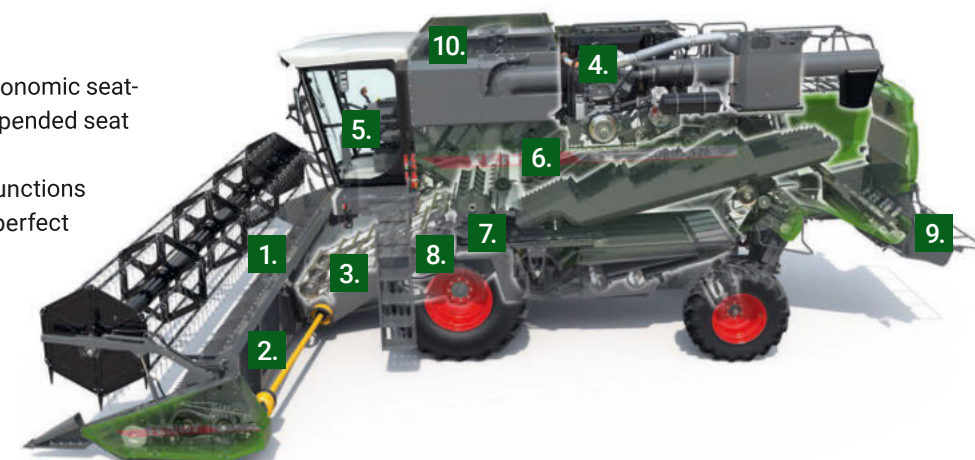
- Two different drive modes: field and road
- Intelligent and on-demand speed control
- Increased fuel efficiency

9. Electrical straw chopper deflectors

- Convenient operation from the cab

10. Grain tank

- 5.200 or 6.500 l grain tank capacity
- 72 or 85 l/s unloading speed



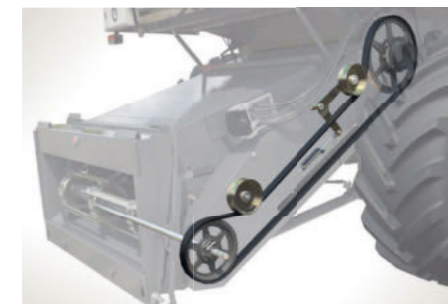
Headers.

Reliability starts right at the front with the CORUS 500. With the FreeFlow and PowerFlow headers, you play it safe even in difficult conditions and achieve a uniform crop feed and high throughput.



Feederhouse WorldWide HookUp

- Stronger driveline to the table
- Better visibility - Longer elevator
- 3 elevator chains with alternating U slat bars
- Table and crop elevator are driven by a 2 sections belt as standard, a 3HB belt heavy duty available as optional
- Slip clutch protected
- Minimum risk for damage and blocking
- Large inspection door on top of the elevator
- Easy access to the chain for inspection
- Autolevel control as option (tilting)

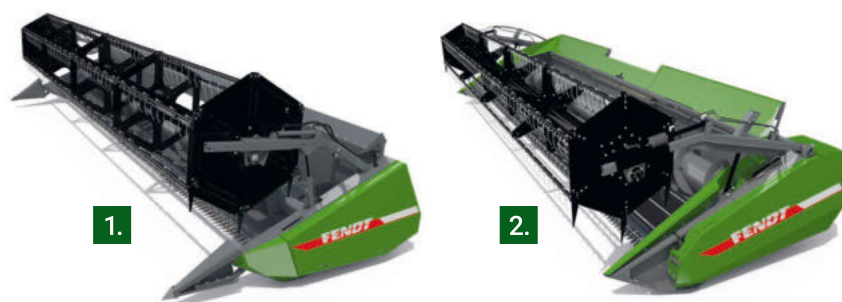


1. FreeFlow range

- Wide range of dimensions
- Schumacker knife system with 1254 rpm
- Full width auger fingers
- Multicoupler – standard
- Hydraulic reel drive
- Bolted table bottom and reinforced frame
- All measures available as specific rice version configuration

2. PowerFlow range

- Wide range of dimensions
- Active crop transportation from knife to the table auger
- Schumacker knife system with 1220 rpm
- Multi coupler – Standard
- Hydraulic reel drive



TerraControl

- Header levelling control as optional
- Fully automatic system, different functions available
- All the levelling functions work together for an optimal driving comfort and levelling performance
- Many different functions to adapt the system at every working and field conditions





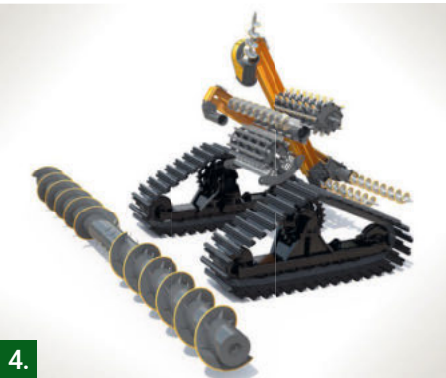
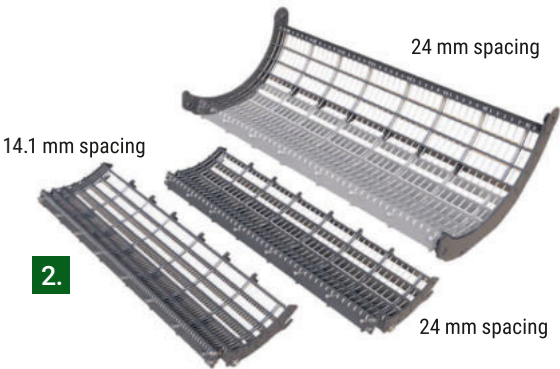
Threshing unit & Straw walkers.

With the Fendt CORUS 500, your crop is in best hands. The powerful threshing drum, in combination with a large concave area, ensures intensive yet gentle threshing and separation. The MCS (Multi Crop Separator) configuration, will bring further capacity to your operations. The MCS improves the active separation of the machine especially in tough and wet conditions.



2. Sectional concave

- The solution for any crop
- Rear part fixed, front part interchangeable:
 - Small grain
 - Large grain
- Quick and easy change between different crops:
 - No need to remove the front elevator
 - Front section installed trough stone-trap
- In any crop, the most suitable concave:
 - Maximize threshing capacity
 - Maximize separation capacity
 - Clean sample
- Grain configuration:
 - 14.1 mm spacing in the front, 24 mm spacing in the rear
 - Deawning plates can be added to the front part
- Corn configuration:
 - 24 mm spacing front and rear

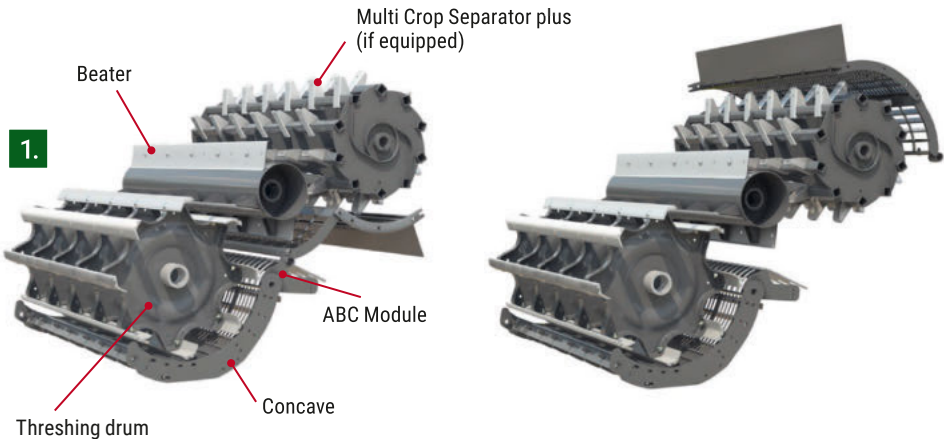


Threshing system

- High inertia drum with 600 mm diameter
- Active threshing on full width of the main elevator
- Low possibility of damaged grain
- Left & right ribbed bars for an increased threshing effect
- 8 threshing bars, fixed in non-threshing zone
- No losses of threshing area

1. Multi Crop Separator plus

- Increases throughput in rough conditions e.g. damp straw
- Fluffs the straw at the beginning of walkers
 - Better sample on full area
- Changes direction of crop flow
- Changes speed of straw
- Enhances separation
- Specific for CORUS MCS version



Straw walkers

- Closed Walkers
 - Perfect distribution of recovered grain on grain pan
 - Very solid construction
 - Even feeding of grain pan esp. in hilly terrain
- Walkers - crankshaft
 - 150 mm high crank oscillation
 - High agitation
 - Very high separation efficiency
- Long lasting wooden bearings
 - High tolerance and easy to replace if damaged
- Little maintenance necessary
- Proofed system

3. Antiwear version - MCS version only

- Antiwear components, ready for rice or heavy maize/soya conditions
- Drum and Concave in Grain configuration
- Wearing plates on MCS
- All augers reinforced with special anti-wear material on full length
- Specific chrome treatment for elevators
- Long life sealing on final drives
- Standard tires: front 620/75 R30 – rear 400/70 R20
- The machine can be converted to rice with the
 - Conversion kit wheat to rice: code **Z 415**
- Adapt for customers harvesting large areas of heavy and abrasive crops like maize or soya
- Ordering code:
 - Antiwear + grain concave: code **Z 265**
 - Antiwear + Sectional concave: code **Z 266**

4. Rice version - MCS version only

- Models specifically designed for Rice harvest
- Rice drum and concave with toothed bars
- All augers reinforced with special anti-wear material on full length
- Specific chrome treatment for elevators
- Long life sealing on final drives
- Rice tracks 6 or 7 rollers
- Free Flow table rice specs available via pricelist

Cleaning system.

You want to be able to rely on clean crop? Then the Fendt CORUS 500 is the right choice for you. With the largest cleaning area in its performance class, it offers maximum cleaning performance under all conditions.





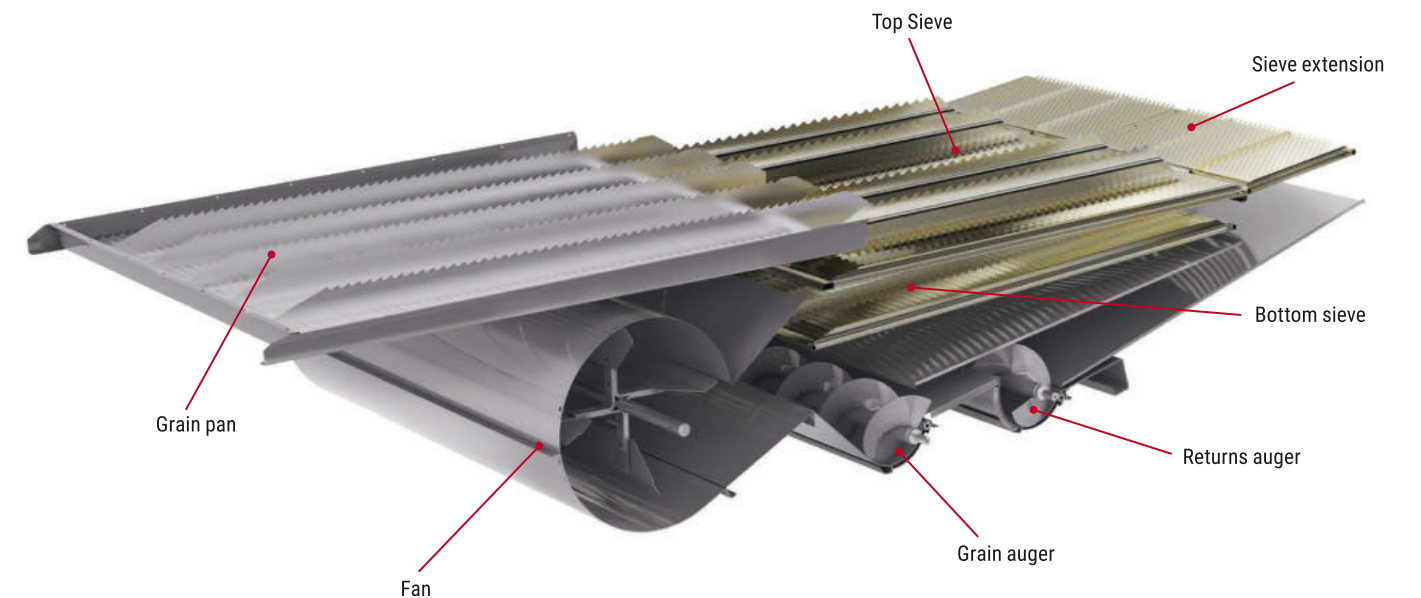
1. Cleaning fan

- Radial fan, works at full shaker shoe width
- Even air flow distribution ensures perfect cleaning over full width
- Air intake all around the fan
- Reinforced bearing bolted directly onto the frame
- Fan is controlled from the cab
 - Full adjustment to all conditions
 - Higher cleaning level
 - Better performance
- Normal speed range: 350 – 1050 rpm
 - Enough for most conditions
- Speed reduction kit available: 270 - 840 rpm
 - Specific for small seeds
- Ordering code: **Z 124**



High Capacity sieves - factory configuration

- Electrical adjustable as optional
- No need to be adapted every time changing the harvested crop
 - Large openings for high separation
- Vertical tags
 - No short straw on bottom sieve, increases output
- Top and bottom sieve are moving in opposite direction
 - Cleaning guaranteed also in difficult crops
- All the adjustable sieves have tall dividers
 - Prevents material sliding to the side on hillsides
 - Prevents losses
 - Increases capacity
 - Increases productivity
- Comfortable mounting/dismounting of top and bottom sieves
- Sieve extension is adjustable independently





Residue management & Grain handling.

With the large-volume grain tank with an high unloading ratio, you can rest assured. The fewer stops, the quicker the valuable crop is in the dry. You can rely on the Fendt CORUS 500.



1. Residue management - High performance chopper

- 4 rows of serrated knives with two cutting edges
- High chopping performance with no increase of power consumption
- Fine chopping quality for minimum tillage operations
- Electrical deflectors as option
- Symmetric knives design



2. Grain tank

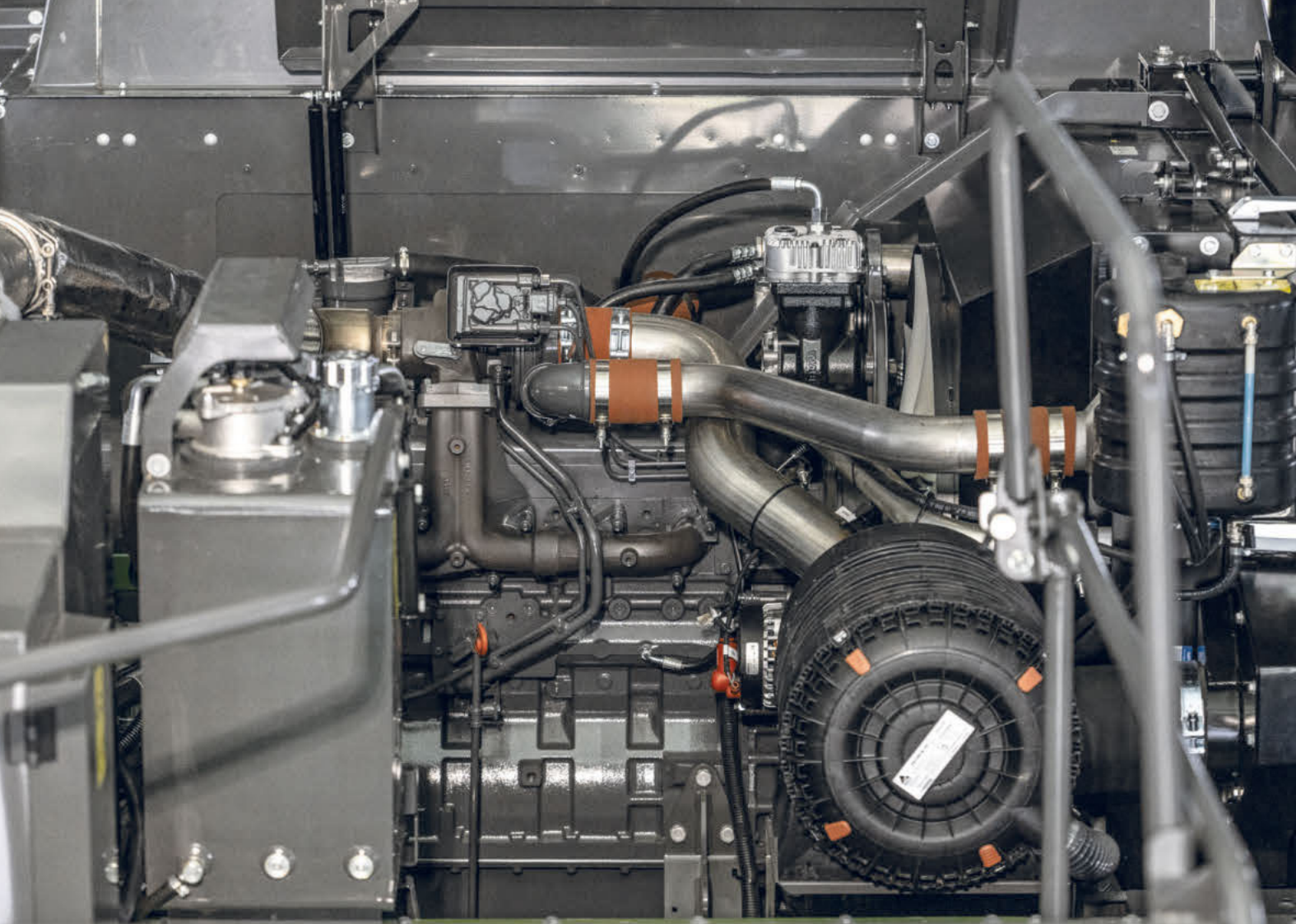
- Capacity
 - 5200lt for CORUS 518 & 522
 - 6500lt for 526 (and 522 as option)
- Two grain tank sensors as standard
 - Keeps the operator informed to maintain optimal output
 - Warning signal
 - At 70% beacons are flashing
 - At 100% buzzer activates
- Large window into the grain tank from the cab
- Maintenance door to grain tank and engine
 - Easy access
- Ladder into the grain tank
 - Quick access for inspection and cleaning
- Large sample door next to the cab

3. Unloading auger

- Turret unloading
 - Standard unloading auger 72 l/s for CORUS 518 & 522
 - High Capacity unloading auger 85 l/s for CORUS 526 (and 522 as option)
 - Unloading height 4.20 mt
- 4 mt vertical unloading auger
- Unloading auger angle: 100°
 - Great visibility from the cab
- Adjustable covers for unloading auger in grain tank

Engine & Hydraulics.

The powerful AGCO Power engine compliant to the latest Stage V emission level also make the Fendt CORUS 500 a partner you can always rely on. Thanks to the good accessibility and easy maintenance, your stressful harvesting days will become more pleasant.



1. Engine Stage V - CORUS 518

- Latest Agco Power engine technology, modern construction, top reliability
- 4 cylinders engine: less moving parts, increased reliability, less running costs
- Runs at 2100 rpm with reduced noise, reduced fuel consumption
- Well sized engine for this combine class
- Electronically controlled injection Sisutronic EEM4S5, more responsive, better timed combustion, less fuel needed

- Diagnostic via CAN Bus and EDT, easier to service and to debug issues
- Uses DOC+CS+SCR after treatment system
- Optimum torque curve

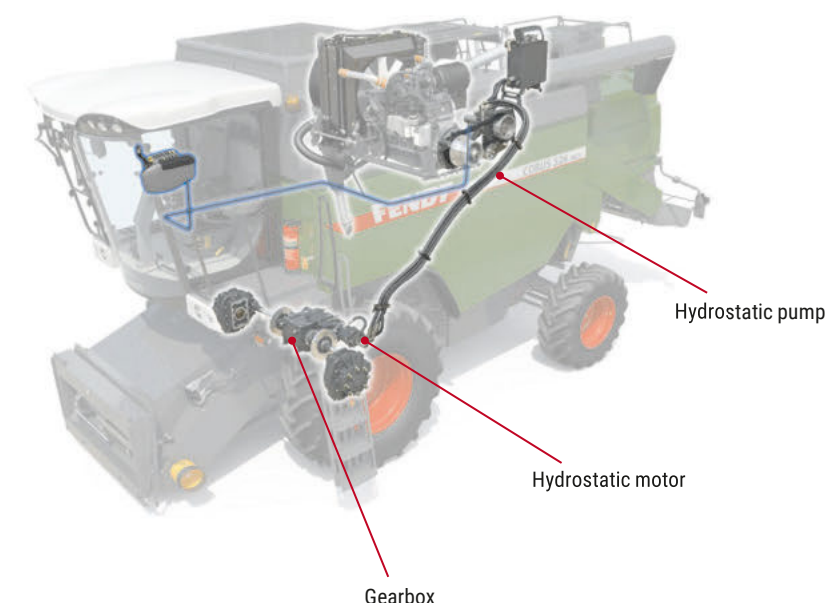


Transmission

- Hydrostatic pump next to the engine electrically controlled
 - H1 SD 100cc pump
- Final drives and transmissions are made by the combine manufacturer
 - 8 studs
 - 3 gear transmission
- Standard 2WD rear axle
- Speeds valid for tyres 650/75 R32
 - 1. 0 - 7,5 kph
 - 2. 0 - 14,6 kph
 - 3. 0 - 25,0 kph

2. Engine Stage V - CORUS 522 & 526

- AGCO power: Latest and cleanest engine technology
- 7.4 l uses DOC+CS+SCR after treatment system
- Maintenance free system
- 4 valves per cylinder [Hydraulic Lash Adjustment system]
- Common Rail technology
- Sisutronic EEM4S5 – engine management
- Optimum torque curve
- Very low fuel consumption
- Low noise



Engine cooling

- Cooling package for
 - Charge-air
 - Engine coolant
 - Fuel
 - Hydrostatic oil
 - Air conditioning system
- High power fan
 - keeps the engine compartment clean
- Large dimensioned radiator screen
 - Can easily fold up
 - Easy access to radiator for cleaning and inspection
 - No tools required
- Vacuum cleaner system keeps the radiator clean all the time



Cab.

Particularly during long harvesting days, a comfortable workplace in a pleasant atmosphere is important. You will feel at home in the cab of the Fendt CORUS 500. The driver's seat is comfortable and the intuitive and ergonomic armrest makes work easy.



Ladder

- The ladder can be swung up to avoid damages in very wet conditions
- Comfort air suspended driver seat
 - Seat mounted armrest and multi-function lever
 - Electrical driven
 - Multiple adjustment features

Electro-hydraulic engagements

- Table
- Threshing unit
- Unloading
- Straw chopper (in combination with threshing system)
- Concave adj.

Dashboard

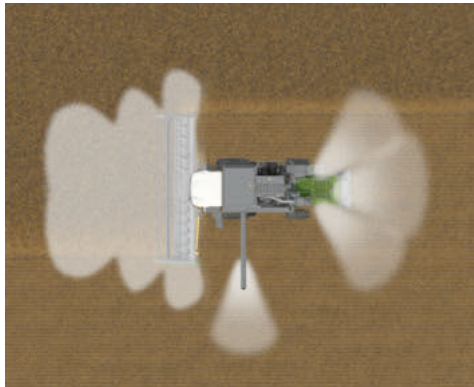
- All electro-hydraulic engagements
 - Table
 - Threshing unit
 - Straw chopper with the threshing system
 - Concave adj
- Simple control and monitoring through intuitive switches

Agritronic plus II

- Easy and very simple to operate
- All Information are collected in Agritronic plus II
- Warning indicators visual and acoustic
- 4 Modules
 - Multiple light indicators
 - On-Board computer
 - Performance monitor
 - Terra Control

Comfort Cab

- Working lights
 - 6 powerful headlights
 - 4 additional light available as optional
 - One headlight for the rear view
- Large outside mirrors
- Cab air filter
 - Air filter is located at the cab ladder





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.



+44 330 123 9909

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

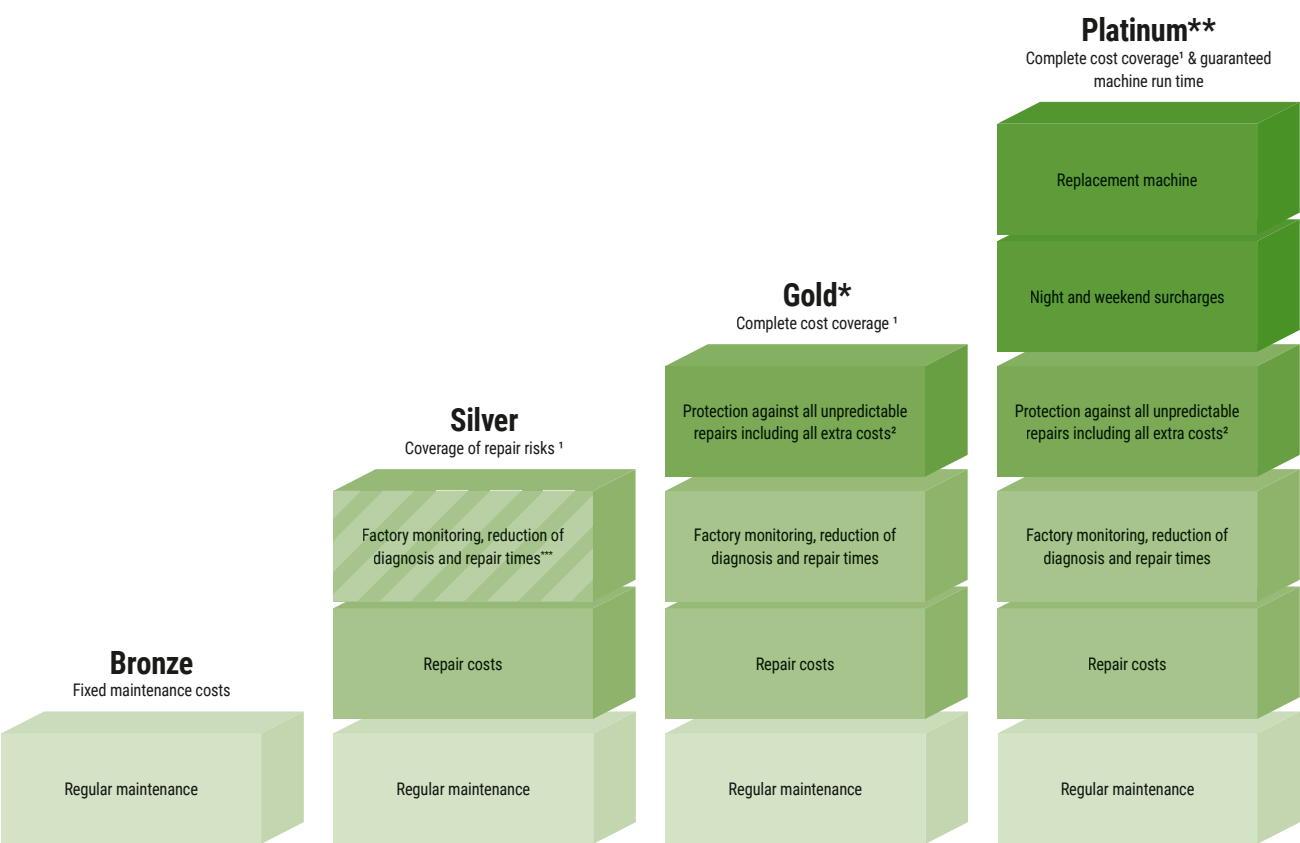
Used agricultural machines with proven high-quality and certified Fendt quality

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



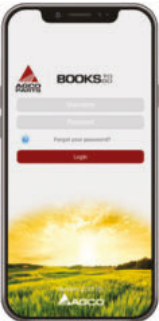
Fendt Care.

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

 Cost advantages with Fendt Connect (optional)		 Only for tractors with Fendt Connect								
Available for	Complete Fendt Portfolio	Wheeled tractor with Fendt Connect & telescopic loader ⁸	Wheeled tractor with Fendt Connect							
Customer benefit (deductible)										
	Coverage of large-scale damage ³ (490 €)									
	Comprehensive coverage at attractive rates (190 €)	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	Complete coverage with full cost control (0 €)									
	 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 ⁵	 3 years / 25,000 bales ⁶	 5 Years / 50,000 Bales	 8 Years / 4,000 pump-H	 5 Years / 8,000 OH	 5 years / 750 OH ⁷
<small>¹ travel costs, recovery / towing, troubleshooting with additional diagnostic tools, use of dynamometer, oils and filters if engine / transmission is repaired; ² only available for BUS-enabled machines only; ³ PR, VR & XR only; ⁴ incl. Collector; ⁵ Momentum 16 & 24 only; ⁶ Gold rate for telehandler also available without Connect; ⁷ Gold rate only available in DE/FR/GB/IT/BG/CZ/EE/HR/HU/LT/LV/LI/MD/RO/RS/SE/SI/SK/UA/AT/LU/NL/CH/BE/BY/NO/PL/DK; ⁸ Platinum only available in DE, EN, FR; ⁹ optional with Fendt Connect</small>										



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/corus-500-data

FENDT

Leaders drive Fendt.



www.fendt.com

AGCO GmbH - Fendt Marketing
87616 Marktoberdorf, Germany

EN/2301



Fendt is a worldwide brand of AGCO.

All details 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.