

# FENDT

## Fendt E-Series 5225







## My family – my fields – my Fendt.

You can always rely on your family. Just like on the next generation of the Fendt E-Series. These combines are equipped with the tried and tested components found in the bigger ranges and are therefore used to working hard. Robust, reliable and efficient, they guarantee excellent seasonal performance when it is needed the most. That makes it an assistant you won't want to do without, especially on family-run farms.

Engine		5225 E	5225 E Rice
Max. performance (ECE R 120)	kW/hp	160 / 218	160 / 218





Makes hard work  
a comfortable pleasure.

The harvesting season demands maximum performance from both people and machines. This requires full concentration, with man and machine working in harmony. The new comfort cab provides plenty of space for that. The controls are ergonomically arranged. The generous size of the glazed areas in the cab and the large side mirrors guarantee exceptionally good visibility to the table, stubble and sides of the machine. And thanks to the multifunction lever, it is easy to control the 5225 E around the clock.



## THE WORKPLACE

# Work efficiently in a pleasant atmosphere.

### Relaxed sitting

A comfortable sitting position is crucial, especially on long work days. The air-suspended driver seat in combination with the adjustable steering column guarantee a comfortable working position at all times. Its soft cushioning means that a passenger can also sit in comfort.

### Precise control

The ergonomically shaped multi-function lever permits very precise control of the hydrostatic ground drive. You only need one hand to keep your harvest under control at all times.

### With Agritronic Plus

With the Agritronic Plus control and command centre, you always have your Fendt combine under control. The system is easy to operate and delivers all the most important information on one straightforward control. Whether you are regulating the cylinder speed, monitoring the hectare capacity or setting the automatic cutting height control – the standard specification Agritronic Plus assists you.

### Your right hand, the side console

Using the well-designed side console, you can activate the threshing mechanism, table and grain tank discharge electrohydraulically. Furthermore, you can adjust the concave, fan, 4-wheel drive and other basic functions with just one hand movement.

### Wide-angle mirror

Large electrically adjustable, heated mirrors plus optional wide-angle mirror ensure perfect all-round visibility.



### View of the table

Everything in view: thanks to the best sightlines, the entire cutter unit can be seen from inside the cab.



### Working at night – illuminated through top light package

With the powerful light package, you can work efficiently deep into the night.



### Agritronic Plus

Agritronic Plus constantly displays all of the most important machine information centrally, providing an excellent overview.



### Multifunction lever

Control the driving direction, table setting, reel setting, reel speed and pivot the grain tank unloading tube with only one hand.



## THE TABLES

# Two tables for a high throughput.

### Choose the perfect crop feed

Whether FreeFlow or PowerFlow table – you get good a good cut with both systems when it comes to uniform crop feed and a high output. Even under difficult harvesting conditions, for example, when harvesting laid grain.

### The superior PowerFlow table

The versatile Fendt PowerFlow table enables maximum productivity for harvesting grain, oilseed rape or soybeans. The large clearance between the cutterbar and the auger facilitates cutting high crops with a 5.50 m working width. The result: The smooth crop flow ensures uniform loading of the threshing mechanism with heads-first feed for all types of crops.

### The reliable FreeFlow table

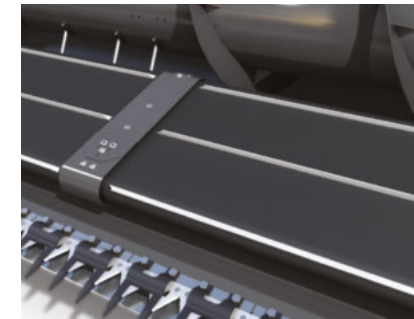
With a working width from 4.80 m to 7.60 m, the FreeFlow table can tackle all kinds of conditions. It is especially stable and maintenance-friendly because the components are bolted on. With 1,254 cuts per minute, the high speed of the cutterbar ensures a clean cut and a low power requirement. Then the large intake auger, with a diameter of 610 mm, moves the crop swiftly and uniformly to the crop elevator – ideal conditions for maximum area coverage and the best harvesting results.

### Ingenious automatic table control

Concentrate on driving. The Fendt 5225 E takes care of the perfect cut. The TerraControl automatic table guidance works in two different ranges. In the first range, skid shoes regulate the cutting height from 50 mm to 180 mm. The second cutting height range (100 mm to 500 mm) is controlled by a sensor on the crop elevator. The optional AutoLevel table guidance automatically compensates for slopes of up to eight percent.

### PowerFlow belts

The PowerFlow belts feed the crop to the intake auger uniformly, heads-first.



### Rape knives

The PowerFlow table can be converted for operation in oilseed rape, quickly and easily, with the optional electric rape knives.



### Fendt CornFlow™

The Fendt maize header harvests maize extremely efficiently and without loss, and impresses with its durability, reliability and low maintenance.



### Multi-coupler

All connections for the table can be coupled at once using the multi-coupler.



### Knife system

With 1,254 cuts per minute, the low-wear, alternately arranged blades deliver the cleanest cut.



### Intake auger

On the FreeFlow table, feed fingers along the full width of the intake auger provide for a reliable and protective intake.



THRESHING CYLINDER, CONCAVE AND STRAW WALKERS

More torque and less breakage.

High-capacity threshing cylinder

The threshing cylinder on the 5225 E has a 600 mm diameter for high inertia and performance. Eight counter-rotating threshing bars effectively separate the grain during the threshing process. Both the grain and straw are handled very gently, breakage is minimised.

Robust grain concave

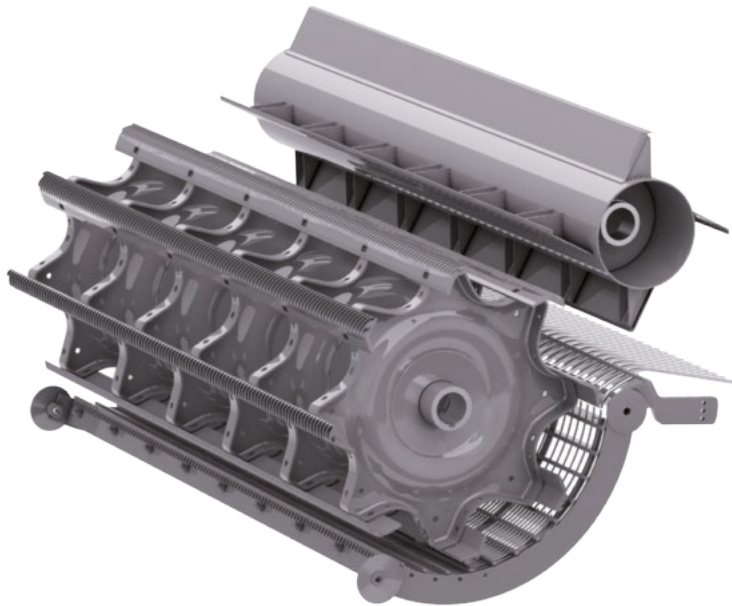
With one of the largest concave areas in its power class, the 5225 E drives into large harvests in no time. The different wire spacings within the concave are the main reason for this: While the wire spacing in the front area is narrow to ensure intensive threshing, the wider wire spacing in the rear part of the concave allows greater separation capacity.

Exchangeable sectional concave

In addition to the robust standard concave, a sectional concave is available to convert your 5225 E quickly to different types of crops. The front concave segment can be removed easily and can be exchanged through the open stone trap.

Closed high-performance straw walkers

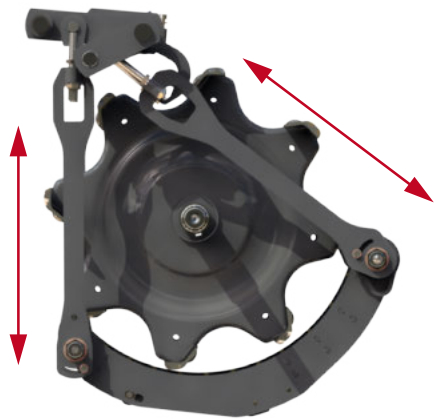
After the threshing mechanism, the straw is effectively fluffed up over 4.30 m long straw walkers with a 150 mm stroke. Four 250 mm high steps create a loose straw mat, which permits residual grain to be separated perfectly in the huge separation area. The closed straw walkers distribute the grain uniformly over the entire width of the preparation floor for efficient separation.



Speeds up the harvest and is gentle on the grain

Your valuable grain is in the best hands with the new generation of the Fendt 5225 E combine. Whether you are harvesting grain, oilseed rape or maize – the large, high capacity 600 mm threshing cylinder in combination with the large concave area guarantees intensive, but efficient threshing and separating.

Front and rear concave setting can be adjusted independently  
Front perfect, the rear, too: the front and rear concave openings can be adjusted independently and electrically. You can adapt the threshing mechanism to any possible harvesting conditions from the comfort of the cab.



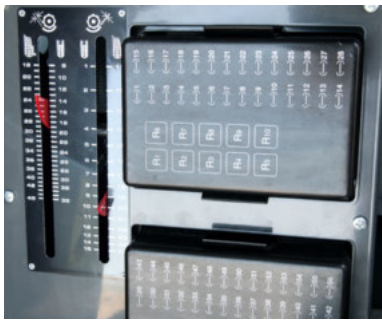
14 and 24 mm sectional concave variants

There are two front segments available for the quick-change sectional concave: 14 mm wire spacing for grain harvesting and 24 mm for maize harvesting.



Straw walker steps have active rear walls

The so-called active, open rear walls of the steps further improve residual separation.



Display of current setting

The exact concave settings are displayed to the left of the driver seat.



CHOPPER AND CLEANING

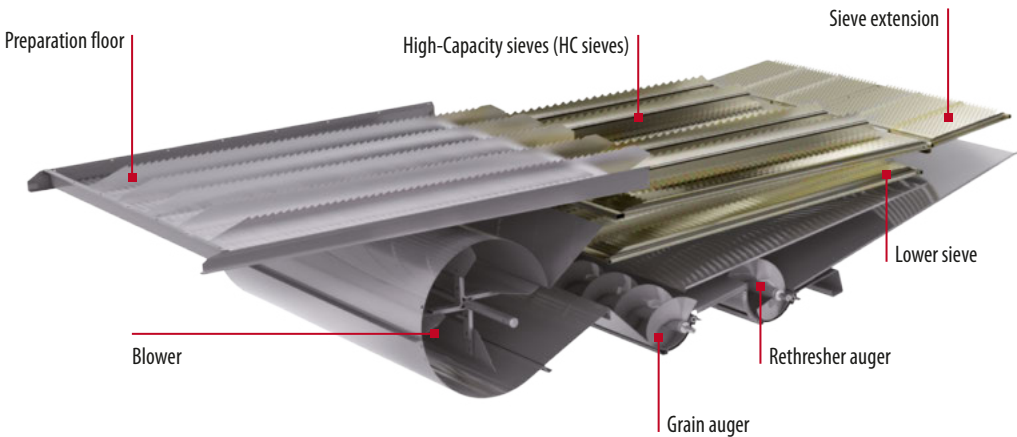
Clean chopper results,  
cleanest crop.

High-performance chopping

The new Fendt E-series is equipped as standard with a 4-row straw chopper and a total of 52 knives. The double serrated knives with an infinitely adjustable shearbar (also serrated) have been fitted for excellent, consistent chopping performance. You can set the chop length as desired and there is no more worrying about producing perfect chopping results.

No one cleans better

The Fendt 5225 E has one of the largest sieve areas in its power class – and therefore provides maximum cleaning capacity. The sectional cleaning system, with its high partitions on the upper and lower sieves, distributes the grain-chaff mixture uniformly over the entire cleaning area, even when working in hilly terrain. Together with the targeted wind guidance in the individual cleaning sections, it enables the machine to work at maximum cleaning capacity.



Adjustable grinding floor with dimpled and smooth surface, can be adjusted in 3 positions

Precision as standard: The grinding floor with adjustable dimple plate is standard and ensures consistent chopped straw length.



Quick change

Operators can switch quickly and easily between swath shot and chopping modes, simply by moving a lever.



Electrically adjustable deflector plates

Always an option: the electrically adjustable straw distribution plates.



Chaff spreader

Double extra: the multi-adjustable chaff spreader with twin rotor (optional).



Best access

The Fendt 5225 E design guarantees good access to the shaker shoe thanks to easy forward and back pivoting.



Losses in view

The straw walker and sieve losses are displayed as a bar in the Agritronic Plus.



GRAIN TANK AND ENGINE

Large-volume grain tank,  
powerful drive.

Non-stop efficiency

With 6500 litres, the grain tank of the Fendt 5225 E has one of the top capacities on the market – and therefore many benefits. Because the fewer stops you make during the harvest, the surer you can bring your valuable grain in dry. And when you finally do go to unload after a long driving time: the combine is already ready for operation after approx. 80 seconds thanks to the large-sized grain tank auger with a delivery capacity of 85 l/sec.

Comfortable top unloading

The top unloading system on the E-Series combines allows trouble-free loading of trailers up to 4.20 m high. A large window on the back wall of the cab permits constant visual monitoring, and therefore additional quality control, of the grain in the grain tank. Harvest samples can be taken quickly via an inspection hole, and opening the rain-proof grain tank cover gives you easy access to the service hatches on the inside of the tank.

AGCO Power engine

The Fendt 5225 E combine is equipped with a modern 6-cylinder engine from AGCO Power. With a 7.4 l cubic capacity, common rail high-pressure injection system and 4-valve technology, it delivers a maximum output of 218 HP (160 kW). For the lowest fuel consumption and reliable power, even under full load.

SCR – economical and environmentally-friendly

For the 5225 E, we rely on the fuel-saving SCR technology (selective catalytic reduction) for compliance with the newest emissions standards (Tier4final/Stage 4). The emissions are after-treated with a urea solution. This significantly reduces the emission of particulate matter and therefore the CO2 emissions, lowers fuel consumption and increases the lifetime of the entire engine.



View into the grain tank from the driver seat



Grain tank sample



Engine		5225 E	5225 E Rice
Cylinders	number	6	6
Displacement	litres	7.4	7.4
Max. performance (ECE R 120)	kW/hp	160 / 218	160 / 218
Fuel tank capacity	litres	450	450
AdBlue tank capacity	litres	80	80



## SERVICE AND MAINTENANCE

# Lubricate, check, finished.

### Best access

All service points of the new E-Series can be easily accessed and have generously-sized opening flaps. The individual lubrication nipples have been integrated into lubrication bars, which can be reached from the ground. Furthermore, maintenance signs provide information about the lubricating intervals. The central electronic cabinet is easy to reach from the driver platform.

### Long life

The new Fendt E-Series is technically and economically convincing down the line. Their high durability, long maintenance intervals and low repair costs make these combines a sure investment for family-run farms, and therefore into a fully-fledged family member.





FENDT E-SERIES

Technical Specifications.

		5225 E	5225 E Rice
Table			
Table widths FreeFlow from - to	m	4.80 - 7.60	4.80 - 7.60
Table widths PowerFlow from - to	m	5.50	
TerraControl table guidance		■	■
AutoLevel table control		□	□
Electric rape knife		□	
Multi-coupler		■	■

Corn header			
CornFlow™		□	
Rows (rigid)	number	6	
Stalk chopper		□	
Intake auger		■	

Crop elevator			
Intake chains	number	3	3
Mechanical reverse		■	■

Threshing system			
Conventional threshing unit		■	■
Threshing cylinder width	mm	1340	1340
Threshing cylinder diameter	mm	600	600
Threshing cylinder speed	rpm	380 - 1100	380 - 1100
Concave wrap	degrees	106.0	106.0
Concave area, total	m²	0.83	0.99
Independent front/rear concave adjustment		■	■
Concave bars	number	12	12
Sectional concave		□	
Rice threshing unit		□	■
Maize equipment kit		□	□

Residual grain separation			
Beater diameter	mm	380	380
Straw walkers	number	5	5
Steps	number	4	4
Straw walker area	m²	5.73	5.73
Total separation area	m²	6.72	6.72

Cleaning			
Sectional cleaning system		■	■
Preparation floor area	m²	2.57	2.57
Total sieve area	m²	4.67	4.67
Radial fan		■	■
Fan speed	rpm	350 - 1050	350 - 1050
Blower speed, reduced	rpm	270 - 840	270 - 840
Electrical blower setting		■	■
Returns to threshing cylinder		■	■
HC sieves		■	■
Electric sieve adjustment		□	□
Returns indicator		□	□

Grain tank			
Grain tank capacity	litres	6500	6500
Turret unloading		■	■
Unloading rate	l/s	85	85
Max. unloading height	m	4.2	4.2

Standard and optional equipment			
Standard: ■			
Optional: □			
Straw chopper			
Straw chopper		■	■
52 serrated knives		■	■
Chaff spreader		□	□
Electrically adjustable deflector plates		□	□
Quick-switch (chopping/swathing)		■	■

Engine			
AGCO Power Engine		■	■
Tier4final / Stage 4 emissions		■	■
Cylinders	number	6	6
Displacement	litres	7.4	7.4
Max. performance (ECE R 120)	kW/hp	160 / 218	160 / 218
Fuel tank capacity	litres	450	450
AdBlue tank capacity	litres	80	80

Chassis			
Hydrostatic drive		■	■
Gear steps	number	3	3
Mechanical gear shift		■	■
Max. driving speed*	km/h	20	20
Four-wheel drive		□	

Cab			
Air-conditioning		■	■
Heating		■	■
Electrically adjustable heated exterior mirrors		■	■
Additional wide-angle mirror		□	□
Additional work light		□	□
Reversing camera		□	□
Cool box		□	□
Headlamps		□	□
Loss indicator		■	■
Adjustable steering column		■	■

Fendt Variotronic			
Yield and moisture measurement		□	□
Yield mapping		□	□

Weights and dimensions			
Length without table	m	8.7	8.7
Weight base machine, without table, without optional equipment	kg	11900	
Height	m	4.0	4.0

Tyres			
Drive axle tyres (standard)		620/75R30	
Steering axle tyres (standard)		400/70R20	
Transport widths			
800/65R32	mm	3490	3490
650/75R32	mm	3281	3281
620/75R30	mm	3170	3170

\* = depends on country - additional legal constraints may apply

Safety and Service non-stop.

How good is the parts availability for Fendt combines?

Thanks to the tight network of dealer and manufacturer parts warehouses, we can offer a widespread parts supply 24/7 during the harvesting season. As part of our harvest promise, we deliver the required replacement parts within one day or reimburse the costs for a substitute machine. Ask your Fendt dealer about the “Harvest Promise”.

What makes Fendt Service different?

For us, service means knowing and understanding your work in order to meet your demands for reliability and safety and to act in your economic interest. We stand behind our products and have developed them for the highest demands and long-term operation. Our service is the partnership aspect for your work.

Where are the Fendt combines developed and manufactured?

The Fendt combines are created in Breganze, Italy, in our European Centre of Excellence for Harvesting Technology. The combines also go through numerous intensive tests here before they leave the factory, so they can do their best harvesting job on your farm. Regular certification according to ISO standards confirms the high quality of the entire production process right up to delivery.

Contact to Fendt.

fendt.com

Find everything on line - from brochures to technical specifications, from reports about customers or our company to our Fendt event calendar.

Fendt Configurator

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

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Max. hours	3.000
Max. years	1 + 4
Cover (except wear)	Full cover
Excess	✗
optional	✓

Ensure your Fendt machine is fully operational and retains its value with Fendt Service benefits. You can enjoy first-class services, including repair and maintenance at attractive fixed rates.

Packages		Bronze			Silver		
Service		Regular maintenance, fixed maintenance costs		Cover against repair risk (except wear)			
Benefit		Plannable maintenance costs		Cover against major claims	Cover against serious and moderate damage	Cover against all unforeseeable repair risks	
Machine type		All		All	All	All	
Regular maintenance		✓		✓	✓	✓	
Repair costs				✓	✓	✓	
Excess				✓	✓	✗	

In order that your machine remains ready for action at all times, we offer a tailored maintenance and repair service beyond the statutory warranty. Fendt ProService offers you flexible policy periods depending on the machine type, and flexible premiums with and without excess.



# FENDT

## Leaders drive Fendt!



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 **AGCO**  
Your Agriculture Company

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.