

# FENDT

## Fendt Lotus tedder





## Fendt Lotus. The Lotus of the tedders.

The unique Fendt Performance tines make the Fendt Lotus one of the most efficient tedders in its class. The shape and position of the Fendt Performance tines ensure greater volumes of grass and hay are shifted. The Lotus models are extremely stable so you can enjoy high travel speeds and up to 50% more area coverage. For maximum impact and perfect results.

## FENDT LOTUS TEDDERS AND TINES

# New standards in turning – for the highest quality base feed.



The feed is picked up with the 7.5 cm long hook on the Fendt Performance tines.

### So simple

Good feed is essential for successful livestock rearing – that's why we're setting new standards with the Fendt Lotus. With their innovative design, the unique Fendt Performance tines are much more flexible than conventional tines. Perfectly adapting to the ground contour effectively prevents damage to the sward and contamination to the mowed material. The tine position and shape guarantee unsurpassed performance – the best way to pick up mowed material. The position of the tines ensures extremely fast working speeds. Together with its ability to handle even huge crop volumes, the Fendt Lotus is particularly powerful.

### Low speed, high power

Turning gently but making the most of every minute – the Fendt Lotus makes light work of it all. The dragging tine position together with the hook solution ensures the mowed material is very gently turned. With a PTO speed of just 400 to 450 rpm, the Fendt Lotus is very gentle on the crop, picks up extremely high volumes, and distributes extremely well for effective drying. This is all thanks to the position of the double performance tines, the special angle of the tines and the tilt-adjustable rotors – for the best turning results in its class.

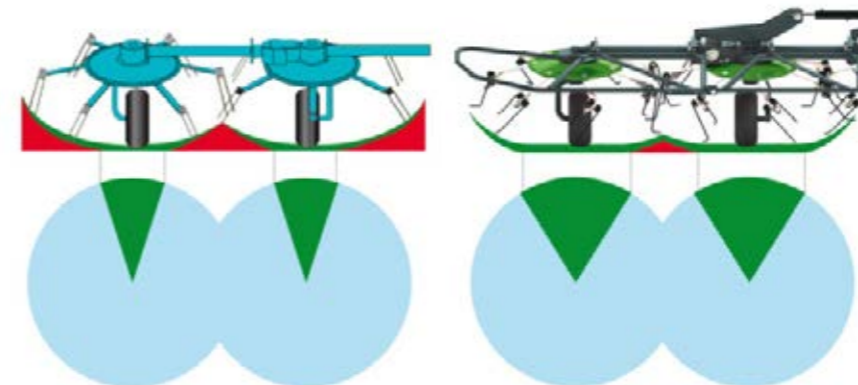
### Long lifetime

With high running times, reliable technology and a long service life, the design of the Fendt Lotus is unbeatably durable. The frame construction is well thought out and the joints are processed in cast, robust housings – so you can always count on your machine. The drive shafts are equipped with double cross-joints. The important thing for you is that the double cross joints are maintenance-free, so you have more time to turn your crop. The large rotor plates with flat and extra strong tine arms not only offer the best power connection, but also increase the lifespan by a long way.

### We have the edges covered

So you don't lose valuable feed at the edge of the field, the Fendt Lotus is equipped with a unique edge-processing mechanism. The tines of the outer rotor are put into the innermost position at field boundaries and ditches. This throws the crop away from the edge towards the inside of your field. The field boundaries are kept neat and the grass perfectly distributed. If all the tines are placed in the innermost position, night swaths can also be generated at a slightly reduced speed – without an extra night swath drive.

The ultra-stable frame construction with a robust cast shell and a drive train with double cross joints ensure all our Lotus models have a long service life.



The Fendt Performance tines act in a dragging motion – but with their hook solution and high flexibility, they glide across the ground without damaging the sward. They have a very large pickup range compared to conventional tines, giving you greater area coverage.



A simple adjustment of the tines on the outer rotor activates the edge-processing mechanism. This puts the tines in the innermost position for a neat field edge and to perfectly distribute the mowed crop.

FENDT LOTUS 770

# Unparalleled stability.



Like the entire tedder, the robust mounting frame is also designed for maximum service life.

### Excellent stability

The attached Fendt Lotus model offers maximum stability even under difficult conditions. The Fendt Lotus 770 masterfully tackles tall crops, even at high speeds. The frame is marked for its long service life and maintenance-friendly design. With a stable 3-point fitting, the tedder is guided by a frame featuring 4 pivot points and 2 connecting bars.

### Top-class tracking mechanism

The innovative Stabilo tracking device always keeps the Fendt Lotus 770 on track. With the trapezoidal design of the attachment frame, there is an imaginary pivot point in the middle of the tractor; a large lever for stabilising tracking behaviour. It's a simple and purely mechanical solution to keep the tedder on track – without any additional shock absorbers or equipment. There is no rocking when working in unfavourable mowing or field conditions. The Stabilo tracking system also makes cornering easier. For maximum safety, the tracking device has an automatic locking system which prevents the extended machine from rocking on the headland.

### Reliable drive system

To fully protect the tedder from damage, the Fendt Lotus 770 is equipped with a particularly reliable drive line. The cam clutch ensures a torque transmission of 1,000 Nm. It easily processes taller crops even at faster speeds.

### Transport made easy

The Lotus 770 is equipped with a hydraulic folding action for transport. This increases both ease of use and functional safety on slopes. To enter transport position, the outer rotors swivel up hydraulically and are mechanically secured. It has a great centre of gravity and the front axle relief is low. Most importantly for you – the transport width remains below 2.95 m.

The Stabilo tracking system hinges on the trapezoidal attachment frame and ensures the tedder stays safely on track under all conditions.



The three-point tower with three-material bearing bushings in the folding hinges is both durable and particularly maintenance-friendly.



For transport, the rotors are hydraulically folded and mechanically secured.



Ultra reliable: the drive line delivers a power transfer of 1,000 Nm so it can masterfully tackle tall crops at high working speeds.



For maximum road safety, the Lotus 770 follows the main lighting actions, as an optional extra.

FENDT LOTUS 1020 T AND 1250 T

# Top class impact power.



Attached Lotus models stand for both maximum impact and outstanding feed protection.

### Speed and performance

Be the best every time, with the Fendt Lotus 1020 T and 1250 T. Our towed Lotus tedders stand for impact and performance – even under difficult conditions. The Fendt Lotus 1020 T and 1250 T are equipped with their own chassis for that very reason. This guarantees a smooth run for consistently high travel speeds on the field. The short frame length also makes the Lotus highly manoeuvrable. The excellent tracking behaviour makes it a pleasure to drive. The Lotus 1020 T and 1250 T are safe to handle even when cornering.

### Gentle giants

Despite their considerable working width, the Fendt Lotus 1020 T and 1250 T are super gentle on the crop and sward. Their own accompanying chassis specify the working height and ensure that the gauge wheels are not loaded by the main frame. This avoids sinking on soft ground. As a result, it adapts better to the ground, creates less soil pressure and protects the sward.

### The cool professional under extreme conditions

The large Lotus models are equipped with an extremely robust drive train. This is secured to up to 1,400 and 1,500 Nm – so the Lotus models can handle fast working speeds with taller crops.

### Sophisticated attachment

The Lotus models 1020 T and 1250 T are attached with the arrestors on the lower links, so the front part of the frame forms a unit with the tractor. The rear-shifted pivot point makes the attached Lotus models ultra manoeuvrable and easy to handle. The relatively short overall length of the machine makes manoeuvring even easier.

The combination of a robust attachment frame and drawbar ensures stable and safe handling.



Rear-shifted pivot point and shorter frame length for outstanding manoeuvrability – despite the larger working width.



You can set the working depth to any level. With the help of the easily accessible crank, you can accurately adjust the raking height.



The large, forward-running transport wheels make sure it runs very quietly with a consistent working depth.



For road transport, the rotors are placed on the frame. This protects the pivot joints, as there is no stress on them at all when they are folded in. The special transport position, with the rotors lined up in a row, means that even the larger Lotus models are compact enough for transport.



# The star of the tedders.



Because the wheel is close to the tines, the machine adapts beautifully to the ground, every time.



Simply move a single bolt to easily adjust the spreading angle position. You have a choice of 5 settings from 10° to 17° – precisely adapted to your needs, every time.



Voluminous tyres on every rotor for excellent feed intake and ground adjustment.



The overload protection on the main drive joint shaft increases operational reliability and makes the Lotus tedder drive train exceptional durable.



For increased road safety, attached Lotus models have extra-large warning signs and follow the main lighting actions as standard.

The maintenance-free double-cross joints ensure direct power transfer and means the tedder can turn even in the folded transport position.



The special tine attachment with adjustable positioning angle means you can easily switch to boundary spreading or night swaths while protecting against tine loss.



Large rotor plates mean the tine speed remains high at a low rotor speed.



The anti-wrapping system prevents the crop from wrapping itself around the wheel axle.



The towed tedders have an extra grid frame for maximum stability, both for protection and to reinforce the main frame across the full machine width.



Spread over the working width, there are several swivel joints between the rotors that make sure each one individually adapts to the ground. Low wear and clean feed, guaranteed.



Thanks to their high flexibility, the dragging Fendt Performance tines can also avoid obstacles much more easily than conventional tines. On the Lotus, tine breakage just isn't an issue.



The extra stable tine arms are designed for high power transmission and maximum durability.



FENDT SERVICES

# The best product with the best care and service.

With a Fendt Lotus, you get a high-tech product that will overcome the toughest of challenges. That's why you can expect that little bit extra when it comes to services from highly-efficient, certified Fendt dealers:

- Fast lines of communication between you and our trained service team.
- 24/7 availability of replacement parts throughout the season
- 12-month warranty on Fendt original parts and their fitting

**100% quality. 100% service: Fendt Services**  
We offer outstanding services to offer you the best possible reliability of use and efficiency from your Fendt Machine:

- Fendt Demo service
- AGCO Finance – finance deals



+44 330 123 9909

Your Fendt dealers are always there when you need them, and have just one aim – to make sure your Fendt machines are ready for action at any time. If something does go wrong during harvest time, simply call your certified service centre 24/7 on the emergency hotline.

FAQS. EVERYTHING ABOUT FENDT.

# What can we do for you?

## What does the Fendt Service feature?

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.

## What does Fendt Full Line stand for?

In addition to leading tractors and harvesters, we now also offer our customers forage harvesting machinery to Fendt quality standards. We now offer a full agricultural machinery portfolio, including Fendt's top service, all from one trusted source.

## Which products does Fendt Forage Harvesting encompass?

Fendt forage harvesting equipment includes high-quality rotary hay rakes (Fendt Former), tedders (Fendt Lotus; Fendt Twister), drum mowers (Fendt Cutter) and disc mowers (Fendt Slicer), loading wagons (Fendt Tigo), balers (Fendt round balers and square balers), and forage harvesters (Fendt Katana). All implements are perfectly matched to the Fendt tractors and are just as convincing in combination with third-party tractors.

## Where does Fendt forage harvesting equipment come from?

Fendt mowers, twister, and hay rakes are built at the AGCO Centre of Excellence for forage harvesting technology in Feucht (Germany). It is one of six German locations and has been successful in the field of innovative agricultural machinery for more than 100 years.

# Contact Fendt.

## fendt.com

Find everything online – from brochures to technical specifications, from reports about customers or our company to our Fendt event calendar.

## Fendt Configurator

With the Fendt Configurator, you can choose from all the available equipment variations and put together the best equipped machine 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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FENDT LOTUS TEDDER

# Equipment variants and technical details.



		Lotus 770	Lotus 1020 T	Lotus 1250 T
<b>Weights and dimensions</b>				
Working width	m	7,70	10,20	12,50
Transport width	m	2,95	3,00	3,00
Parking height	m	3,65	2,95	2,90
Transport length	m	2,20	5,20	6,70
Weight	kg	1030	2280	2950
<b>Power requirement</b>				
Power requirement	kW/HP	55 / 75	44 / 60	70 / 95
<b>Hitching</b>				
Three-point	Category	II		
Two-point lower links	Category		II	II
<b>Additional equipment / rotor</b>				
Rotor	Number	6	8	10
Tine arms per rotor	Number	6	7	7
Anti-tine loss protective device		■	■	■
Mechanical edge spreading device		■	■	■
Spread angle adjustment		■	■	■
Overload protection		■	■	■
Pendular brake		■		
<b>Hydraulics</b>				
Required hydraulic connections	Number	1*	1; 1*	1; 1*
KENNFIXX® hydraulic connections		■	■	■
<b>Tyres</b>				
Rotor chassis tyres		6 x 16/6.50-8	8 x 16/6.50-8	10 x 16/6.50-8
Transport chassis tyres			380/55-17	380/55-17
<b>Lighting</b>				
Lighting		□	■	■
Warning signs		□	■	■

T = Transport chassis / \* = Float position required / Number of required hydraulic connections may vary depending on the additional equipment





# FENDT

It's Fendt. Because we understand Agriculture.



[www.fendt.com](http://www.fendt.com)

AGCO GmbH – Fendt Marketing  
87616 Marktberdorf, Germany

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Your Agriculture Company

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