



HAY TEDDERS

- ▶ Innovative
- ▶ Outstanding spread pattern
- ▶ Wide range of products



FIRST-RATE HARVEST

For more than 95 years, FELLA has always stood for innovative technology, outstanding quality and a personal passion for the service of agriculture. As the specialist for "Made in Germany" forage harvesting technology, we offer our customers all around the world an extremely wide range of products in terms of mowers, hay tedders, rakes and conditioners.



FELLA has been represented in all key markets around the world since the 1980s. Through close contact with farmers and agricultural contractors, our machines are constantly undergoing further development towards perfection. In this way, even the most diverse markets can enjoy mutual benefits. FELLA's objective is to provide every customer with the optimum solution for his farming requirements.



TRADITION, INNOVATION, PASSION

The first hay tedder was produced on our company site in Feucht as early as 1932. All key components of our forage harvesting machines are assembled and tested in Feucht by specialists before they leave our works.

At the same time, our research and development department continues to invest all its expertise into the development of ever better and more efficient machines. This will guarantee the outstanding FELLA "Made in Germany" quality far into the future for all our customers the world over.

FELLA – the forage harvesting specialist:

- ▶ *"Made in Germany" quality*
- ▶ *More than 95 years of experience*
- ▶ *In-house research and development department*
- ▶ *All machines are assembled and tested on the company's site by specialists*
- ▶ *Innovative, efficient, long-lasting*

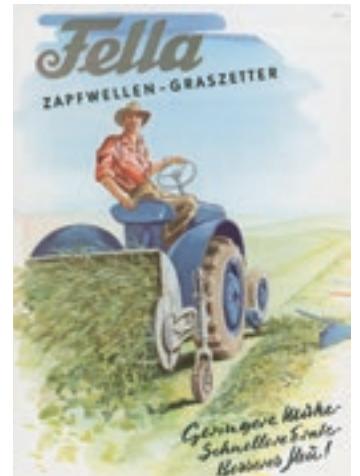
HISTORY

The name FELLA has been a byword for innovative agricultural machinery from Franconia for over 95 years. FELLA-Werke GmbH of Feucht near Nuremberg currently holds a top position in the demanding crop harvesting machinery sector. With a comprehensive range of drum and disc mower units, tedders and rakes, FELLA is in an excellent position to enjoy sustainable growth on the world market.

Since early 2011, FELLA has been fully incorporated into the AGCO Corporation and continues to drive forward the specialisation of harvest technology for them. The Feucht site, near Nuremberg, is AGCO's centre of excellence for green forage harvesting in Europe.

AN OVERVIEW OF OUR HISTORY

- ▶ **1918** Founding of "Bayerische Eggenfabrik AG" (Bavarian Harrow Factory) in Feucht
- ▶ **1921** The brand name FELLA is created, derived from the Egyptian word "Fellache" (= farmer)
- ▶ **1923** Ploughs and front carriages are incorporated in the product range
- ▶ **1932** Introduction of grass mowers, hay tedders, horse rakes and reaper-binders to the product portfolio
- ▶ **1953** FELLA launches its first conditioner with tine rotor onto the market. It is awarded with the "große Bronzene Preismünze" (great bronze medal) by the DLG (German Agricultural Association)
- ▶ **1954** FELLA launches the Jupiter, an automatic, powerful combine harvester onto the market
- ▶ **1968** Rakes added to the product portfolio
- ▶ **1980** Specialisation of products for green forage harvesting
- ▶ **1989** Concentration on the core competences of construction, assembly, sales
- ▶ **1997** The principle of the four "self-controlling factories" is introduced. Two years later, it is awarded with the International Best Factory Award
- ▶ **2000** Investment in the "new" FELLA (new building, restructuring)
- ▶ **2004** Takeover of FELLA by Argo. FELLA becomes a wholly-owned subsidiary of Laverda
- ▶ **2007** Argo and AGCO conclude a joint venture, each with a 50% share, FELLA becomes a part of both companies
- ▶ **2011** 100% takeover by AGCO: FELLA becomes the centre of excellence for green forage harvesting of AGCO in Europe
- ▶ **2013** FELLA's 95th anniversary



SERVICE

"Out of sight, out of mind." But not at FELLA!

Together with our dealers, we are always there and ready to provide reliable support to our partners, both at home and abroad – as we have been doing for almost 100 years. In conjunction with our well organised spare parts stores, regular further technical training for our dealers ensures that FELLA machines can be used, maintained and repaired to a professional standard. This comprehensive service ensures minimum downtime for your FELLA machines and makes a significant contribution to high-yield and stress-free forage harvesting.



HAY TEDDERS



WHY A FELLA HAY TEDDER?

FELLA launched its first hay tedder onto the market as early as 1932. The expertise it has gathered since then is reflected in the design and reliability of the hay tedders which FELLA produces today. In addition to optimal ground following, a particularly strong feature of FELLA hay tedders is the crossover (overlapping) of the tines. The Fella tedder tine rotors have one of the widest overlap in the industry ensuring thorough mixing of the forage and an outstanding spread pattern.

Benefits at a glance:

- ▶ *Optimum mixing of the forage*
- ▶ *Outstanding spread pattern*
- ▶ *Very wide product range*
- ▶ *All machines manufactured from high-quality materials and all components powder coated – colour coating particularly impact resistant and long-lasting, providing a brilliant look which lasts for years*

OPINIONS BASED ON ACTUAL USE:

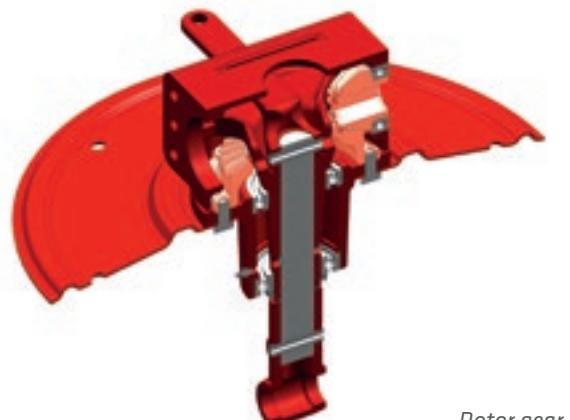
"We are more than satisfied with our FELLA hay tedder for three-point attachment. Not only is it stable, but also compact for transportation. Year after year, it is a reliable aid for harvesting. The green forage is optimally mixed and the spread pattern is consistently excellent. We would choose the FELLA TH 8608 DN every time."

The Sauter family, Aussiedlerhof, Behla (Hüfingen), Germany



ROTOR GEAR

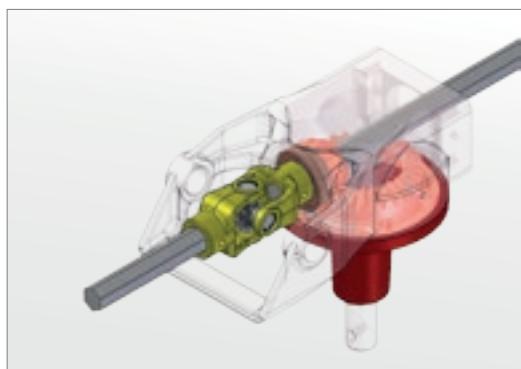
FELLA rotor heads are of an enclosed design which reliably protects all important components from dirt and dust. This design ensures a long service life together with low maintenance requirements.



Rotor gear

POWER TRAIN

The individual rotors are driven via a generously dimensioned hexagonal shaft and robust universal joints. This type of power transmission is free from backlash, smooth, reliable, and has proven itself time and again in FELLA drum mowers as well, under harsh working conditions.



Drive via hexagonal shaft and universal joints

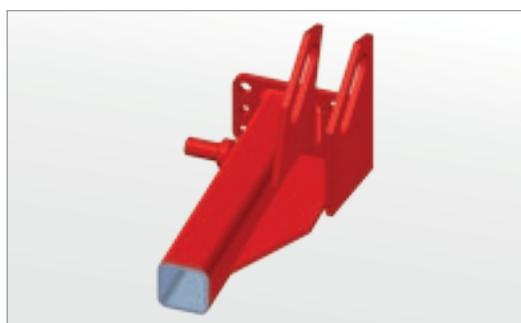
FRAME

All hay tedders are equipped with thick-walled, heavy duty square frame tubes which ensure excellent rigidity and a very long service life.

The individual rotor frames are connected via sturdy frame joints with special flange sleeves and hardened pins. All joints are generously dimensioned and can be lubricated. This ensures optimum ground following even after many years of service.



Frame joints that can be relubricated



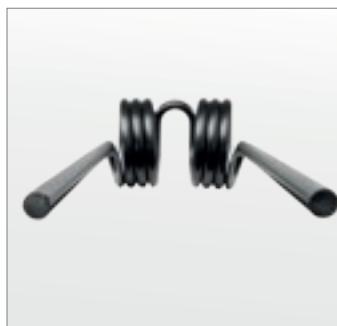
Square frame tube

BEST HARVEST – FAST AND LOW-IMPACT



SUPER C – THE QUALITY FEATURE

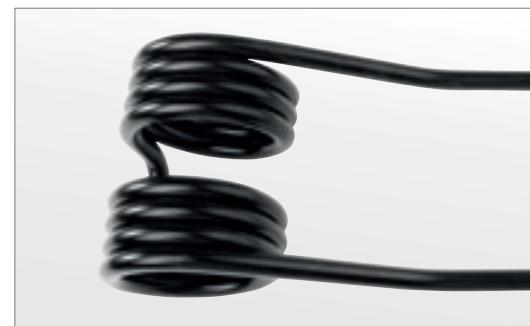
The Super C quality feature guarantees an extremely high level of quality together with an extremely long service life. The tines used at FELLA have to undergo a test cycle and survive 200,000 impacts without damage. Only then may they be fitted on a FELLA machine. As early as the manufacturing stage, special process steps are used to design the tines for toughness, elasticity and durability. The SUPER C tine has a tine diameter of 9.5 mm, a winding diameter of 70 mm and six windings, making it one of the most efficient on the market and typical of the high manufacturing quality of each and every FELLA hay tedder.



9.5 mm tine diameter



70 mm winding diameter



6 windings



Anti-tine loss protective device

At a glance:

- ▶ Super C – extremely high quality, extremely long service life
- ▶ Sturdy, flexible and durable
- ▶ Test cycle with 200,000 impacts



FELLA Super C quality tines

COMB EFFECT - ONLY WITH EQUAL-SIDED TINES

Only equal-sided tines allow you to achieve an optimum mixing of your high-quality forage. This is known as the comb effect since, during the process, the different layers of forage are perfectly mixed together and turned, providing the optimum production of high-quality forage.

Tines with sides of equal length also provide the benefit of not requiring right-hand and left-hand tines but only one kind of tine.

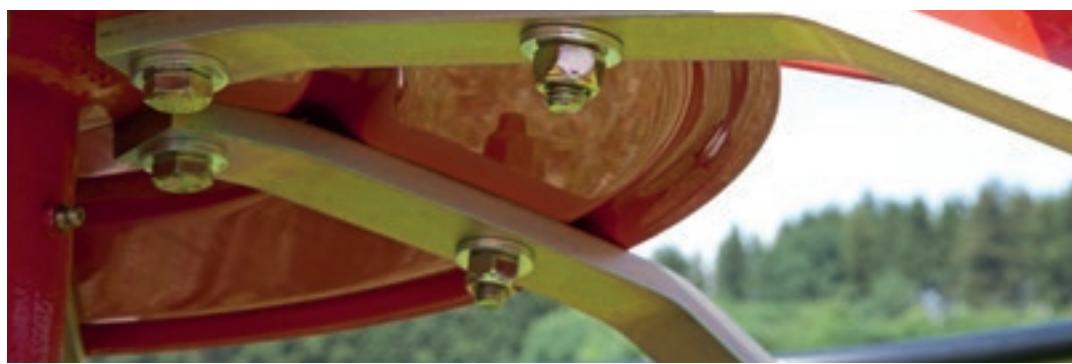


Tines with equal sides

TINE ARMS

The tine arms are made of tough, galvanised flat steel bar, which allows a wide contact surface between tine and rotor disc. This ensures excellent power transmission even under the harshest of working conditions. The forces are optimally absorbed whenever the ground is uneven.

FELLA hay tedders are equipped as standard* with a novel tine saver, which protects machines that are following behind and your valuable livestock. At FELLA, the tines are secured under the tine arm. On the one hand, this arrangement has the advantage that the upper side of the arm is smooth and, as a result, no forage can be left hanging. On the other hand, it allows the tine greater freedom of movement, which contributes to optimal processing of your high-quality forage.



Wide contact surface for optimum power transmission

At a glance:

- ▶ *Comb effect - perfect mixing of your high-quality forage*
- ▶ *Tines with equal sides*
- ▶ *Tine arms made of galvanised flat steel bar - excellent power transmission*
- ▶ *Protection against loss of tines*
- ▶ *Smooth top side of the tine arm - no forage remains stuck to the tine arm*

CONTENTS OVERVIEW

HAY TEDDER

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HAY TEDDER WITH THREE-POINT ATTACHMENT, ALPINE

Hay tedders for the alpine area which are ideally suited because of their light but very robust construction and the quality of work which they produce



Page 20-21

HAY TEDDERS WITH THREE-POINT ATTACHMENT

Allrounders in the hay tedder range which attract buyers thanks to the excellent quality of work that they produce and their flexibility of use



Page 24-29

HAY TEDDERS WITH TRANSPORT CHASSIS

Hay tedders with transport chassis for fast and safe travel – compact on the road, wide reach out in the field



Page 32-35

TRAILED HAY TEDDERS

Classics amongst hay tedders, with a wide range of working widths and excellent ground following



MACHINE DESIGNATIONS AND ABBREVIATIONS

- **DS:** Three-point headstock, rigid
- **DN:** Three-point headstock with trailing device
- **Hydro:** Hydraulic activation
- **Trans:** Transport chassis
- **T:** Tractor linkage drawbar/hitch

Machine designation	TH 401 DS	TH 401 DN	TH 431 DN	TH 601 DN
Approx. working width in m	4.00	4.00	4.30	5.70
Approx. weight in kg	305	365	385	498
Approx. power requirement in kW/hp	20/27	20/27	22/30	25/34
Number of rotors	4	4	4	6
Number of tine arms per rotor	5	5	6	5
Rotor chassis tyres	4 x 13/6.50-6	4 x 15/6.00-6	4 x 15/6.00-6	6 x 15/6.00-6

Machine designation	TH 4504 DN	TH 5204 DN	TH 6606 DN	TH 7706 DN	TH 8608 DN
Approx. working width in m	4.50	5.20	6.60	7.70	8.60
Approx. weight in kg	574	606	822	946	1,172
Approx. power requirement in kW/hp	22/30	22/30	30/41	60/82	70/95
Number of rotors	4	4	6	6	8
Number of tine arms per rotor	6	6	6	6	6
Rotor chassis tyres	4 x 16/6.50-8	4 x 16/6.50-8	6 x 16/6.50-8	6 x 16/6.50-8	6 x 16/6.50-8 2 x 18.5/8.50-8

Machine designation	TH 800 Trans	TH 901 Trans	TH 11008 Trans	TH 13010 Trans
Approx. working width in m	7.70	8.60	10.20	12.70
Approx. weight in kg	1,237	1,660	1,860	2,160
Approx. power requirement in kW/hp	30/41	40/54	40/54	66/90
Number of rotors	6	8	8	10
Number of tine arms per rotor	6	6	6	6
Rotor chassis tyres	4 x 16/6.50-8 2 x 18.5/8.50-8	6 x 16/6.50-8 2 x 18.5/8.50-8	6 x 16/6.50-8 2 x 18.5/8.50-8	8 x 16/6.50-8 2 x 18.5/8.50-8

Machine designation	TH 790	TH 790 Hydro	TH 1100 Hydro	TH 1300 Hydro	TH 1550 Hydro	TH 1800 Hydro
Approx. working width in m	7.70	7.70	10.20	12.70	15.00	17.50
Approx. weight in kg	790	890	1,090	1,305	1,860	2,038
Approx. power requirement in kW/hp	30/41	30/41	35/48	45/61	58/79	75/102
Number of rotors	6	6	8	10	12	14
Number of tine arms per rotor	6	6	6	6	6	6
Rotor chassis tyres	6 x 16/6.50-8	6 x 16/6.50-8	8 x 16/6.50-8	10 x 16/6.50-8	12 x 16/6.50-8	14 x 16/6.50-8

FIRST-RATE HARVEST!

Based on tradition, innovation and passion.



ALPIN CLASSIFICATION



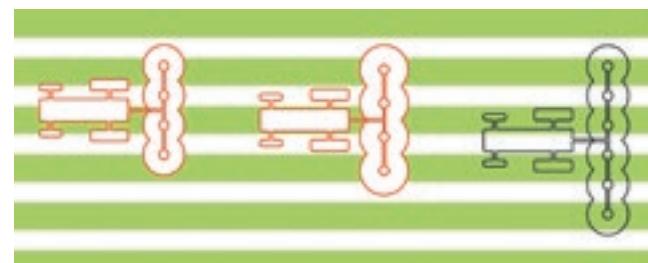
Matched combination of mowers and hay tedders

TH 401 DN
TH 401 DS

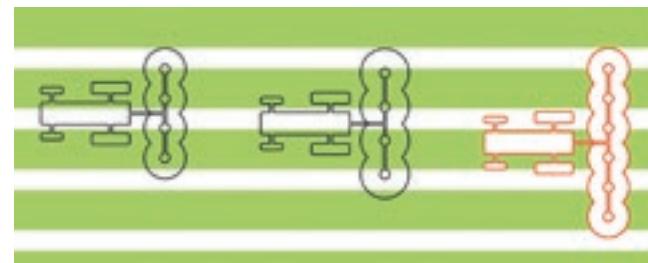
TH 431 DN

TH601 DN

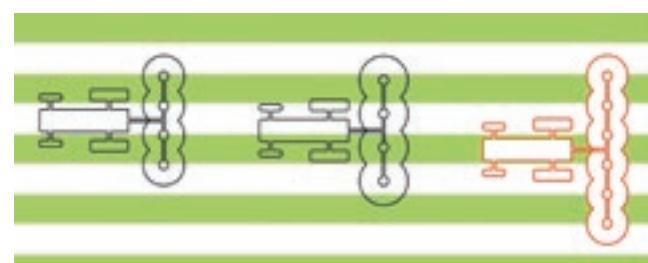
Working width approx. 1.70 m
Swath width approx. 0.90 m



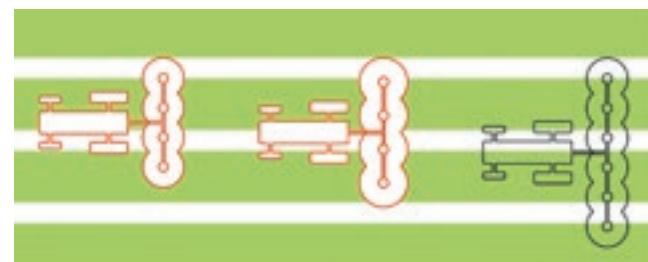
Working width approx. 2.10 m
Swath width approx. 1.30 m



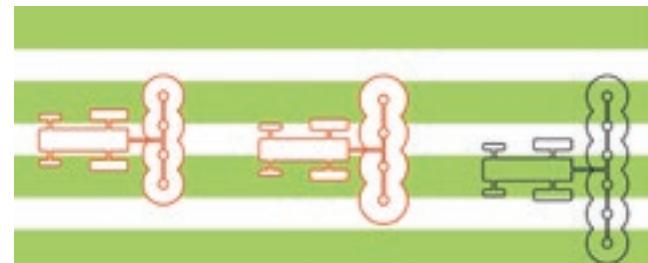
Working width approx. 2.10 m
Swath width approx. 0.90 m



Working width approx. 2.40 m
Swath width approx. 1.60 m



Working width approx. 2.50 m
Swath width approx. 1.40 m



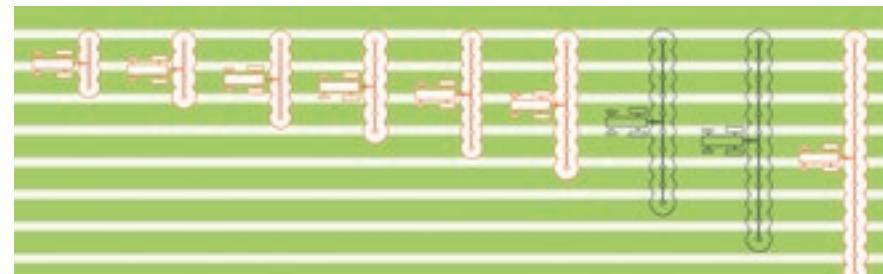
CLASSIFICATION OF MOWERS - HAY TEDDERS



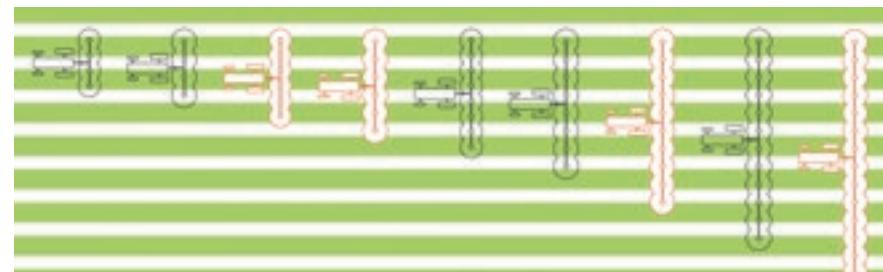
Matched combination of mowers and hay tedders

TH 4504 DN TH 5204 DN TH 6606 DN TH 7706 DN TH 8608 DN TH 11008 Tr TH 1300 Hy TH 1550 Hy TH 1800 Hy
 TH 800 Tr
 TH 790
 TH 790 Tr
 TH 790 Hy

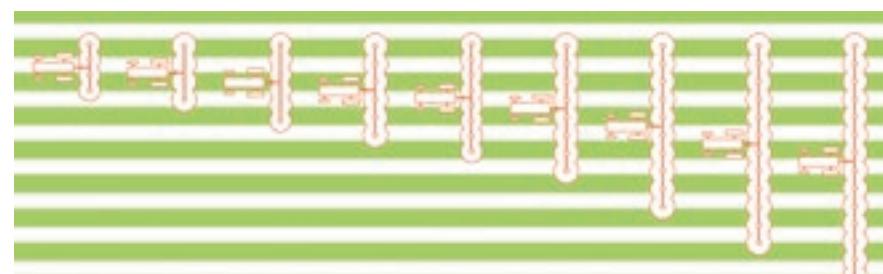
Working width approx. 2.40 m
 Swath width approx. 1.60 m



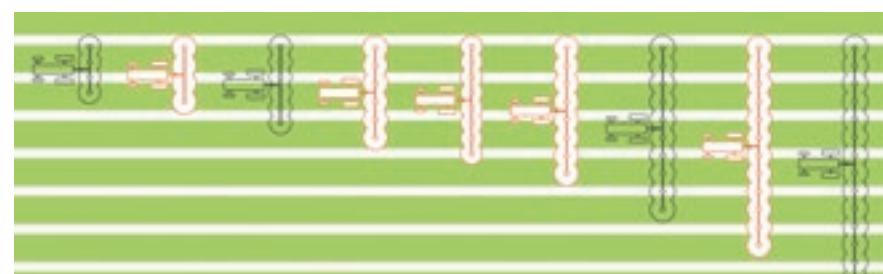
Working width approx. 2.50 m
 Swath width approx. 1.40 m



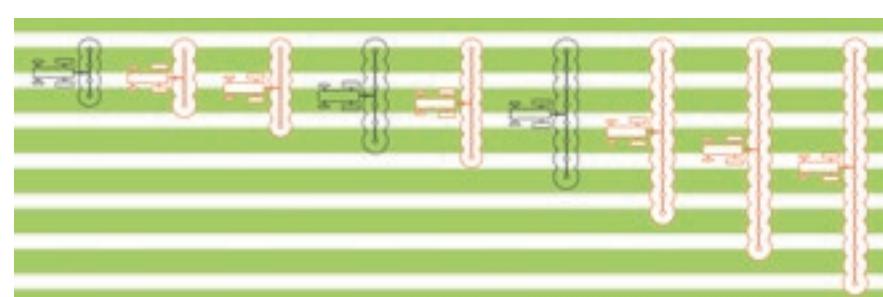
Working width approx. 2.60 m
 Swath width approx. 1.30 m



Working width approx. 2.80 m
 Swath width approx. 2.00 m



Working width approx. 3.00 m
 Swath width approx. 1.80 m

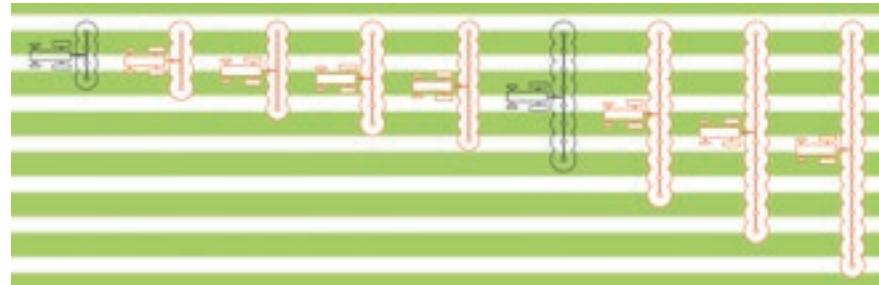


MACHINE DESIGNATIONS AND ABBREVIATIONS

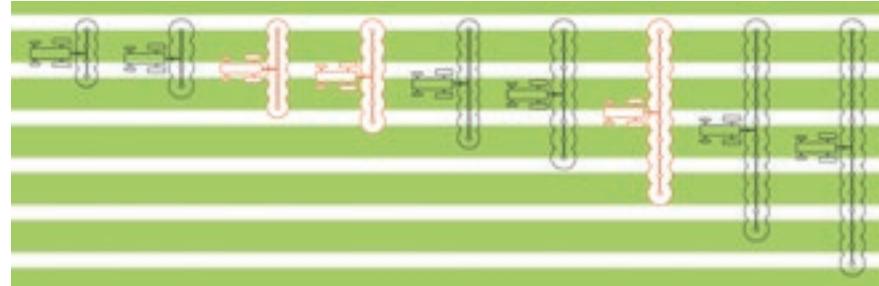
- **Tr:** Transport chassis
- **Hy:** Hydraulic activation
- **DN:** Three-point headstock with trailing device

TH 4504 DN TH 5204 DN TH 6606 DN TH 7706 DN TH 8608 DN TH 11008 Tr TH 1300 Hy TH 1550 Hy TH 1800 Hy
 TH 800 Tr
 TH 790
 TH 790 Hy

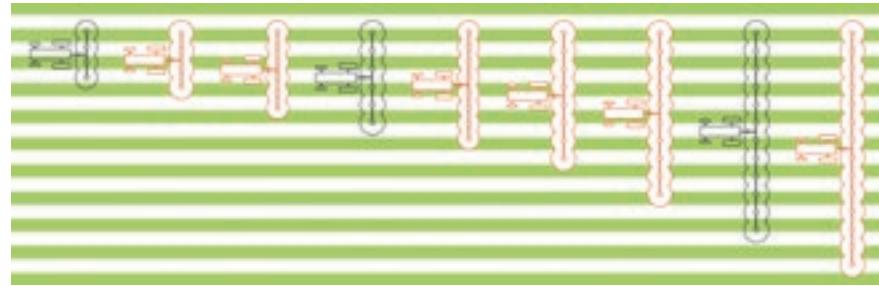
Working width approx. 3.00 m
 Swath width approx. 1.70 m



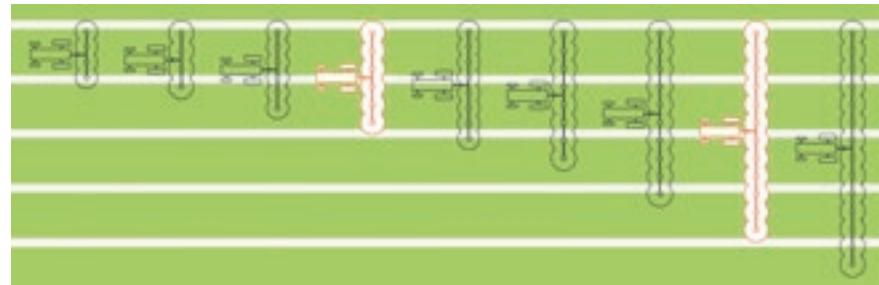
Working width approx. 3.50 m
 Swath width approx. 2.30 m



Working width approx. 4.00 m
 Swath width approx. 0.90 m



Working width approx. 4.00 m
 Swath width approx. 3.30 m



Hay tedders from FELLA – Three-point attachment, Alpine



FIRST-RATE HARVEST!

Based on tradition, innovation and passion.



THREE-POINT ATTACHMENT ALPINE HAY TEDDER

TH 401 DS
TH 401 DN
TH 431 DN
TH 601 DN

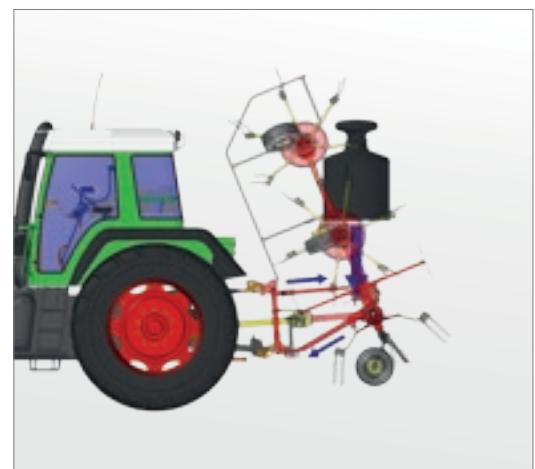
- Specialists for alpine terrain
- Lightweight construction
- Ease of handling



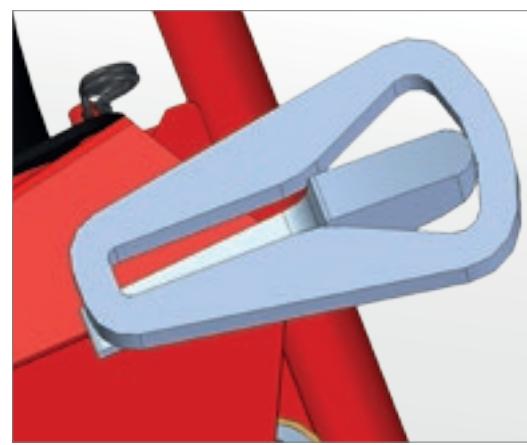
TH 601 DN



Transport position



Patented traction/compression system



Locking mechanism in the three-point headstock
(TH 401 DN and TH 601 DN)



Robust frame joints

SPECIALISTS FOR ALPINE TERRAIN

FELLA has specially developed three very light yet robust hay tedders for alpine terrain. Maximum safety is still ensured even on extreme slopes thanks to the low centre of gravity and the compact transport position.

As with all FELLA hay tedders, the forage is picked up by the tines and turned gently without suffering damage. A light, loose and well-mixed layer of forage is created, all of top quality. The edge spreading device which is fitted as standard (TH 401 DN, TH 431 DN and TH 601 DN) helps you to avoid any loss of forage even under the most difficult of harvesting conditions or when working in hillside lines. Using the spreading angle adjustment system, it is possible to adjust the rotor pitch to three different positions. This provides you with the advantage of being able to optimally adjust yourself to the most varied of harvesting conditions.

TRACTION COMPRESSION SYSTEM

Through the patented traction compression system, the weight of the machine is transferred onto the lower links. The towing point between hay tedder and tractor is then positioned very low. As a result, no bending moment is produced and there is no wear on the three-point headstock. When lifting the machine at the headland, the hay tedder is automatically centralised, which provides safe and stable driving behaviour. When back at work, the system again ensures optimum ground contour following and excellent trailing behaviour of the hay tedder. Even when travelling downhill, the machine does run into the back of the tractor. The tines are reliably prevented from piercing the ground, thereby sparing your sward from mechanical damage. Forage contamination is kept to a minimum, providing top-quality forage thanks to the FELLA patent.

INTEGRATED SWING BRAKE

The TH 401 DN and TH 601 DN models are equipped with an integrated, adjustable swing brake. The brake reliably prevents the hay tedder from generating a rocking motion where there are heavy deposits of forage or the tractor and machine are travelling at relatively high speeds.

CONVENIENCE OF OPERATION WHICH SPEAKS FOR ITSELF

The rotors are easily folded in and out hydraulically in a synchronised operation directly from the tractor seat. Thanks to this synchronised lifting facility, safe operation is also possible when working on hillsides.

At a glance:

- ▶ *Specially developed for alpine terrain*
- ▶ *Locking mechanism in the three-point headstock (on TH 401 DN, TH 601 DN)*
- ▶ *Short attachment to the tractor*
- ▶ *Synchronised lifting of the rotors*
- ▶ *Edge spreading device as standard*
- ▶ *Super C tines*

WE RECOMMEND*:

- ▶ Contact wheel for improved ground following
- ▶ Electric lighting for when working days again become longer



* ALS OPTION

Hay tedders from FELLA – Three-point attachment



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HAY TEDDERS WITH THREE-POINT ATTACHMENT

TH 4504 DN
TH 5204 DN
TH 6606 DN
TH 7706 DN
TH 8608 DN

- The allrounders
- Wide range of uses
- Standard mechanical edge spreading device



TH 8608 DN



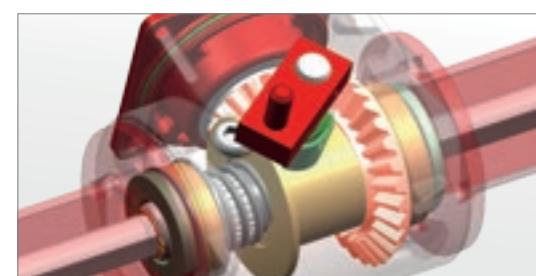
TH 8608 DN in use



Close attachment to the tractor



TH 8608 DN in transport position



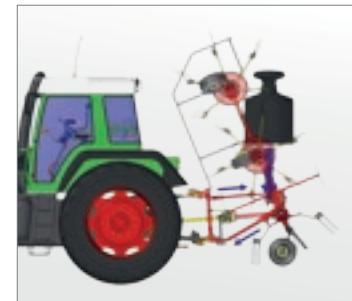
Rotor freewheel safety switch-off

THE ALLROUNDERS

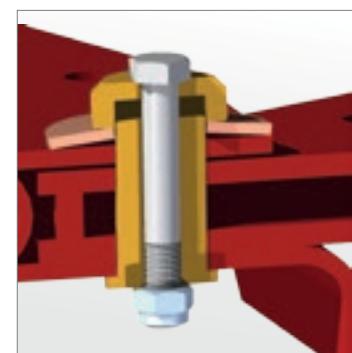
The classic allrounders in the FELLA range of hay tedders, with which you can produce high-quality forage in any region and under an extremely wide range of different operating conditions, are designed for a three-point attachment and equipped with a trailing device. These models attract buyers thanks to their sturdy construction, compact transportation dimensions and their flexibility in regard to cost-effectiveness and work output. As with all FELLA hay tedders, the forage is picked up by the tines and turned gently without suffering damage. A light, loose and well-mixed spread of forage is created, representing top-quality forage material. With the central edge spreading device, which is fitted as standard, field edges no longer present a problem. Because of the spreading angle adjustment system, you can also always optimally adapt your machine to the harvesting situation, whatever it is.

TRACTION COMPRESSION SYSTEM

Through the patented traction compression system, the weight of the machine is transferred onto the lower links. The towing point between hay tedder and tractor is then positioned very low. As a result, no bending moment is produced and there is no wear on the three-point headstock. When lifting the machine at the headland, the hay tedder is automatically centralised, which provides safe and stable driving behaviour. When back at work, the system again ensures optimum ground contour following and excellent trailing behaviour of the hay tedder. Even when travelling downhill, the machine does not run into the back of the tractor. The tines are reliably prevented from piercing the ground, thereby sparing your sward from mechanical damage. Forage contamination is kept to a minimum, providing top-quality forage thanks to the FELLA patent.



Traction compression system



Swing brake,
TH 8608 additionally
with damping braces

INTEGRATED SWING BRAKE

The three-point hay tedders are equipped with an integrated, adjustable swing brake. The brake reliably prevents the hay tedder from generating a rocking motion where there are heavy deposits of forage or the tractor and machine are travelling at relatively high speeds.

CONVENIENCE OF OPERATION WHICH SPEAKS FOR ITSELF

The rotors are easily folded in and out hydraulically in a synchronised operation directly from the tractor seat. Safe operation is also possible when working on hillsides thanks to the synchronised lifting facility. When the machine is folded to the transport position, the automatic safety switch-off is activated, with the rotors merely freewheeling. This reliably protects the machines from the consequences of incorrect operation and guarantees safe travel out on the road.

At a glance:

- ▶ Optimum ground contour following – excellent trailing behaviour
- ▶ Short attachment to the tractor
- ▶ No trailing machine overrun thanks to swing brake
- ▶ Central edge spreading device as standard
- ▶ Super C tines

With patented
traction compression
system

WE RECOMMEND*:

- ▶ Night swathing gear box
- ▶ Hydraulic edge spreading device
- ▶ Contact wheel with balloon tyre for improved ground adaptation



*AS AN OPTION

Hay tedders with transport chassis from FELLA



FIRST-RATE HARVEST!

Based on tradition, innovation and passion.



HAY TEDDERS WITH TRANSPORT CHASSIS

TH 800 TRANS

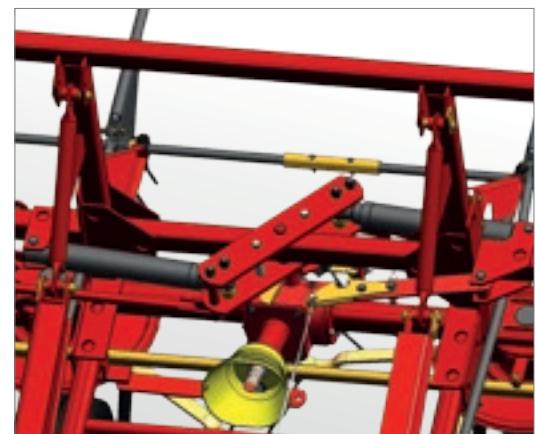
- Attachment to tractor linkage drawbar or hitch
- Compact transport dimensions
- Wide working width



TH 800 Trans



Transport position



Synchronised lifting facility



Synchronised folding of the rotors



Hydraulic edge spreading device

NARROW ON THE ROAD – WIDE OUT IN THE FIELD

On the TH 800, the machine is attached via a tractor linkage drawbar or a hitch. As a result, maximum flexibility and a high level of cost-effectiveness is guaranteed because this machine can be operated with a tractor power output as low as 40 hp at a working width of 7.70 m. The wide transport chassis and the compact transport position ensure safe and time-saving travel from field to field – the very things required when the harvesting weather doesn't want to do what you want it to do!

CONVENIENCE OF OPERATION WHICH SPEAKS FOR ITSELF

The rotors are easily folded in and out by a hydraulic sequential control system directly from the tractor seat. Only a simple control unit is required to do this. Safe operation is also possible when working on hillsides thanks to the synchronised lifting facility. When the machine is folded to the transport position, the automatic safety switch-off of the rotors is activated. This reliably protects the machines from the consequences of incorrect operation and guarantees safe travel out on the road.

PERFECT WORKING CONDITIONS

As with all FELLA hay tedders, the forage is picked up by the tines and turned gently without suffering damage. A light, loose and well-mixed spread of forage is created, all of top quality. With the central edge spreading device which is fitted as standard, edges of fields no longer present any problems – it's all high-quality forage down to the last blade of grass. Thanks to the spreading angle adjustment system, you can always optimally adapt your machine to the prevailing harvesting situation.

When in working position, the transport chassis is folded up in front of the rotors and, as a result, the chassis is not in the throw path of the forage. Perfect prerequisites for producing your high-quality forage.

At a glance:

- ▶ Attachment to tractor linkage drawbar or hitch
- ▶ High level of cost-effectiveness and convenience of operation
- ▶ Transport speed of up to 40 km/h* possible
- ▶ Optimum weight distribution
- ▶ Synchronised lifting of the rotors
- ▶ Edge spreading device as standard
- ▶ Super C tines

WE RECOMMEND*:

- ▶ Night swathing gear box
- ▶ Spare wheel 18/8.50-8 hyper-balloon tyres



HAY TEDDERS WITH TRANSPORT CHASSIS

TH 901 TRANS

- Hitch via lower link
- Compact transport dimensions
- Wide working width



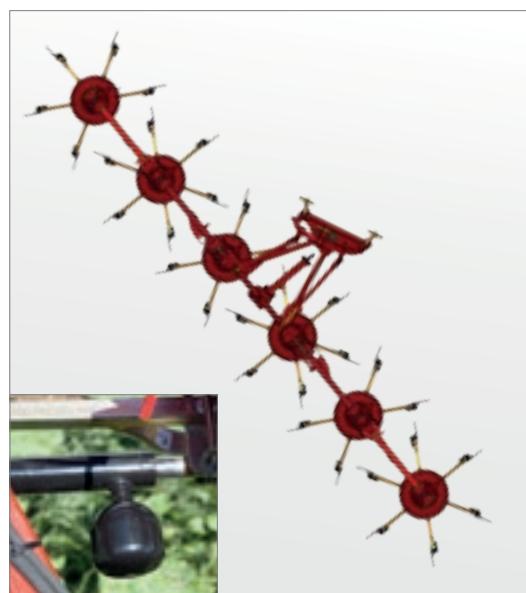
TH 901 Trans



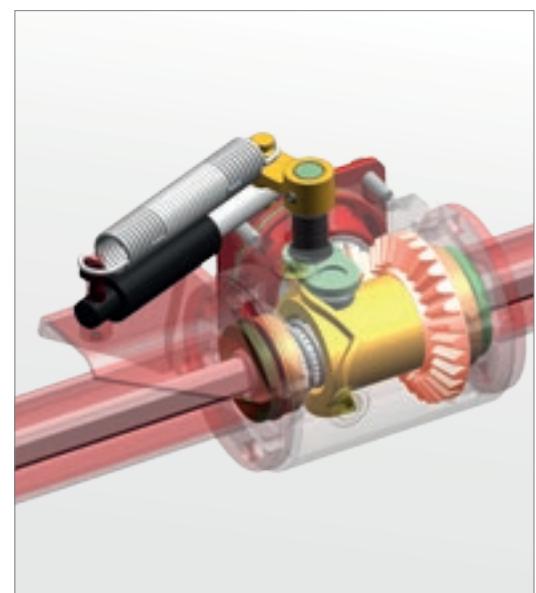
Transport position



Synchronised lifting facility



Hydraulic edge spreading device



Security-Lock-System

COMPACT CONSTRUCTION - WIDE WORKING WIDTH

The TH 901 is conveniently hitched via the tractor lower link. With a working width of 8.6 m, you can easily ted any area of ground, no matter how big. The wide transport chassis and the compact transport position ensure safe and time-saving travel from field to field – the very things required when the harvesting weather doesn't want to do what you want it to do!

SAFETY COMES FIRST

Thanks to the SLS (Security-Lock-System) from FELLA, the maximum safety for your machine is guaranteed during folding operations. SLS is an automatic, hydraulically activated switch-off and positioning system with integrated freewheel which interrupts the flow of power to the rotors when the halves of the machine are folded up. As a result, a high degree of safety is ensured in the transport position as well as during maintenance work. The possibility of damage to the power train is also excluded in the event of incorrect operation.



CONVENIENCE OF OPERATION WHICH SPEAKS FOR ITSELF

The rotors are easily folded in and out by a hydraulic sequential control system directly from the tractor seat. Safe operation is also possible when working on hillsides thanks to the synchronised lifting facility.

PERFECT WORKING CONDITIONS

As with all FELLA hay tedders, the forage is picked up by the tines and turned gently without suffering damage. A light, loose and well mixed spread of forage is created, representing top-quality forage material. With the central edge spreading device which is fitted as standard, edges of fields no longer present any problems – it's all high-quality forage down to the last blade of grass. Because of the spreading angle adjustment system, you can also always optimally adapt your machine to the harvesting situation, whatever it is. When in working position, the transport chassis is folded up in front of the rotors and, as a result, the chassis is not in the throw path of the forage. Perfect prerequisites for producing your high-quality forage.

At a glance:

- ▶ *Hitch via CAT II lower link*
- ▶ *High level of cost-effectiveness and convenience of operation*
- ▶ *Transport speed of up to 40 km/h* possible*
- ▶ *Optimum weight distribution*
- ▶ *Synchronised lifting of the rotors*
- ▶ *Edge spreading device as standard*
- ▶ *Super C tines*

WE RECOMMEND*:

- ▶ Night swathing gear box
- ▶ Contact wheels with hyper-balloon tyre for improved ground adaptation



HAY TEDDERS WITH TRANSPORT CHASSIS

TH 11008 TRANS TH 13010 TRANS

- Compact construction
- Extremely agile
- Wide working width



TH 11008 Trans



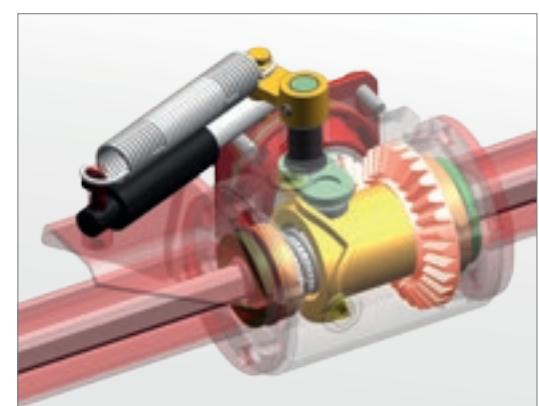
Headland position



Transport position



Height adjustment



Security-Lock-System

COMPACT MACHINE, POWERFUL PERFORMANCE

The TH 11008 Trans and TH 13010 Trans hay tedders stand out from the crowd thanks to their compact construction, low transportation length and enormous agility. But the compact look is deceptive because these hay tedders have impressive working widths of 10.20 m or 12.70 m. The wide transport chassis with its large-volume tyres ensures stability on hillsides, overall smooth running and reliable travel from field to field. All in all, the perfect combination, consisting of a compact and high-performance machine with a wide working width and extreme agility.

SAFETY COMES FIRST

Thanks to the SLS (Security-Lock-System) from FELLA, the maximum safety for your machine is guaranteed during folding operations. SLS is an automatic, hydraulically activated switch-off and positioning system with integrated freewheel which interrupts the flow of power to the rotors when the halves of the machine are folded up. As a result, a high degree of safety is ensured in the transport position as well as during maintenance work. The possibility of damage to the power train is also excluded in the event of incorrect operation.

PERFECT WORKING CONDITIONS

As with all FELLA hay tedders, the forage is picked up by the tines and turned gently without suffering damage. A light, loose and well mixed spread of forage is created, representing top-quality forage material. Because of the spreading angle adjustment system, you can also always optimally adapt your machine to the harvesting situation, whatever it is. In the working position, the transport chassis is used for ground sensing, which promotes optimum ground contour following due to the large size of the tyres – perfect working conditions for producing your high-quality forage.

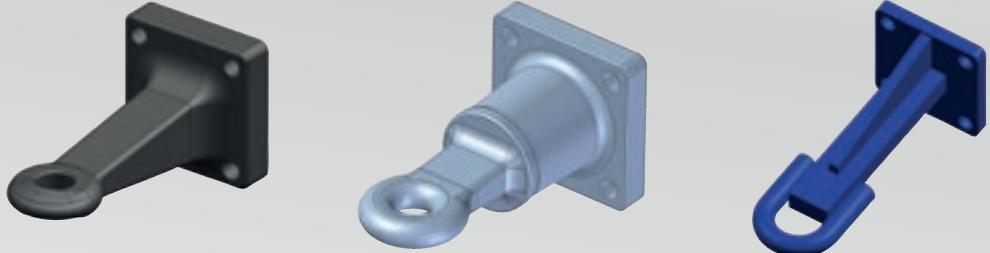
At a glance:

- ▶ *Compact machine, strong performance*
- ▶ *Small transport dimensions*
- ▶ *Transport speed of up to 50 km/h* possible*
- ▶ *Synchronised lifting of the rotors for high level of stability*
- ▶ *Headland lifting facility*
- ▶ *Transport wheels can be used as contact wheels in working position*
- ▶ *Optimum ground contour following*
- ▶ *High level of operational convenience*
- ▶ *Super C tines*

Transport wheels
can be used as
contact wheels

HITCH VARIANTS

- ▶ Drawbar eye, rigid
- ▶ Drawbar eye, turnable
- ▶ Hitch hook



Trailed hay tedders from FELLA



FIRST-RATE HARVEST!

Based on tradition, innovation and passion.



TRAILED HAY TEDDERS

TH 790 TH 790 HYDRO TH 1100 HYDRO TH 1300 HYDRO

- The classics
- Tried and tested technology
- Large working widths



TH 1100 Hydro



TH 1100 Hydro edge spreading device



TH 790/1100/1300
Hydro hydraulic folding system



Transport position



TH 1100 Hydro folding

THE CLASSICS AMONG TRAILED HAY TEDDERS

The system of trailed hay tedders has already successfully proven itself in the market for decades. With its TH 790, TH 790 Hydro, TH 1100 Hydro and 1300 Hydro hay tedders, FELLA offers four fully developed machines for a wide range of applications, which can also be particularly recommended for use behind smaller tractors. Despite their enormous working width, these machines adapt well to uneven and hilly terrain.

Convenient attachment to a tractor linkage drawbar or a hitch is also a typical feature of this model range, as is simple and safe handling out in the field.

PERFECT WORKING CONDITIONS

As with all FELLA hay tedders, the forage is picked up by the tines and turned gently without suffering damage. A light, loose and well-mixed spread of forage is created, all of top quality.

With the edge spreading device which is fitted as standard, field edges no longer present any problems – it's all high-quality forage down to the very last stalk, and with no loss of forage. Because of the spreading angle adjustment system, you can also always optimally adapt your machine to the harvesting situation, whatever it is.

At a glance:

- ▶ *Machines for a wide range of applications*
- ▶ *Optimum ground contour following*
- ▶ *Edge spreading device as standard*
- ▶ *Automatic transport lock*
- ▶ *Mechanically folding variant, TH 790*
- ▶ *Hydraulically folding variants, TH 790/1100/1300 Hydro:
Synchronised switchover via single-acting hydraulic cylinder
for increased operational convenience*
- ▶ *Super C tines*

WE RECOMMEND*:

- ▶ Night swathing gear box
- ▶ Electric lighting
- ▶ Spare wheel
16/6.50-8 10PR with
super-balloon tyre



*AS AN OPTION

TRAILED HAY TEDDERS

TH 1550 HYDRO TH 1800 HYDRO

- ▶ Enormous working width
- ▶ High area coverage capacity



TH 1800 Hydro



Hydraulic working height adjustment



Transport locking system



Transport position

NEW DIMENSION IN TERMS OF AREA OUTPUT

With their TH 1550 Hydro and TH 1800 Hydro, FELLA offers two traileted hay tedders which stand out from other machines due to their enormous working width. Attachment on these models is via the lower links. Despite their working width of 15 m or 17.5 m, these two models are very agile, which allows them to also be used cost-effectively on smaller areas of land. Area output and work quality which speak for themselves – first-rate forage quality.

PERFECT WORKING CONDITIONS

As with all FELLA hay tedders, the forage is picked up by the tines and turned gently without suffering damage. A light, loose and well mixed spread of forage is created, representing top-quality forage material. Because of the spreading angle adjustment system, you can also always optimally adapt your machine to the harvesting situation, whatever it is.

You can quite conveniently – directly from the tractor seat – use the hydraulic system to infinitely adjust the working height to changing working conditions. By using the two height-adjustable contact wheels, perfect ground following of the machine is always ensured, which also reliably prevents your high-quality forage from being contaminated. Thanks to favourable weight distribution and additional mechanical locking of both centre axles, the machine is reliably prevented from slipping out of position during work on sloping ground.

CONVENIENCE OF OPERATION WHICH SPEAKS FOR ITSELF

The switchover from working position to transport position is performed synchronously via a hydraulic sequential control system, and conveniently from the tractor seat when the tractor is standing still. Because of the raised horizontal position of the tines, they are prevented from sinking into the ground and unintentionally collecting up forage during the switchover.

At a glance:

- ▶ *Wide working widths*
- ▶ *Very agile*
- ▶ *Optimum ground contour following – excellent trailing behaviour*
- ▶ *Modular frame structure*
- ▶ *Working height infinitely adjustable*
- ▶ *Automatic transport lock*
- ▶ *Height-adjustable contact wheels as standard*
- ▶ *Super C tines*

WE RECOMMEND*:

- ▶ Spare wheel
16/6.50-8 10PR with
super-balloon tyre



Hay tedders from FELLA



FIRST-RATE HARVEST!

Based on tradition, innovation and passion.



HAY TEDDER TECHNICAL SPECIFICATIONS

	TH 401 DS	TH 401 DN	TH 431 DN	TH 601 DN	TH 4504 DN	TH 5204 DN
Dimensions and weight						
Approx. working width in m	4.00	4.00	4.30	5.70	4.50	5.20
Approx. transport width in m	2.33	2.33	2.44	2.55	2.65	3.00
Approx. parking height in m	2.13	2.07	2.36	3.00	2.40	2.60
Approx. transport length in m	1.57	1.73	1.88	2.10	2.10	2.25
Approx. weight in kg	305	365	385	498	574	606
Hitching						
Three-point	CAT I + II					
Two-point lower links	-	-	-	-	-	-
Tractor linkage drawbar	-	-	-	-	-	-
Towing jaw	-	-	-	-	-	-
Power requirement						
Approx. power requirement in kW/hp	20/27	20/27	22/30	25/34	22/30	22/30
Rotors/tine arms						
Number of rotors	4	4	4	6	4	4
Number of tine arms per rotor	5	5	6	5	6	6
Anti-tine loss protective device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Edge spreading device	-	<input checked="" type="checkbox"/>				
Spread angle adjustment	<input checked="" type="checkbox"/>					
Overload protection	<input checked="" type="checkbox"/>					
Hydraulic control units						
Required hydraulic connections	1 x SAV					
Tyres, lighting						
Rotor chassis tyres	4 x 13/6.50-6	4 x 15/6.00-6	4 x 15/6.00-6	6 x 15/6.00-6	4 x 16/6.50-8	4 x 16/6.50-8
Chassis tires	-	-	-	-	-	-
Lighting equipment	<input type="checkbox"/>					
Warning signs	<input checked="" type="checkbox"/>					

■ Series Equipment variant - not available

* Floating position absolutely necessary

TH 790 Hydro	TH 1100 Hydro	TH 1300 Hydro	TH 1550 Hydro	TH 1800 Hydro
7.70	10.20	12.70	15.00	17.50
2.80	2.78	2.78	2.80	2.80
-	-	-	-	-
5.54	6.83	8.07	9.05	10.30
890	1,090	1,305	1,860	2,038
-	-	-	-	-
-	-	-	CAT II	CAT II
■	■	■	-	-
-	-	-	-	-
30/41	35/48	45/61	58/79	75/102
6	8	10	12	14
6	6	6	6	6
■	■	■	■	■
■	■	■	-	-
■	■	■	■	■
■	■	■	■	■
1 x SAV	1 x SAV	1 x SAV	2 x SAV	2 x SAV
6 x 16/6.50-8	8 x 16/6.50-8	10 x 16/6.50-8	12 x 16/6.50-8 10PR	14 x 16/6.50-8 10PR
-	-	-	-	-
□	□	□	■	■
□	□	□	■	■

FELLA FOR YOU

"We can't change the weather, but we have the machines that will allow you to make the most of any conditions."

Your FELLA team



PHILOSOPHY

For FELLA, close contact with our customers is very important. The experiences of farmers and agricultural contractors who use FELLA products around the world is collected and is purposefully incorporated into the design of our products.

PATENTS

It is FELLA's objective to create ingenious and sustainable solutions for our products. This has already been well documented through numerous FELLA patents.

SERVICE

"Out of sight, out of mind." But not at FELLA!

Together with our dealers, we are always there and ready to provide reliable support to our partners, both at home and abroad – as we have been doing for almost 100 years. In conjunction with our well organised spare parts stores, regular further technical training for our dealers ensures that FELLA machines can be used, maintained and repaired to a professional standard. This comprehensive service ensures minimum downtime for your FELLA machines and makes a significant contribution to high-yield and stress-free forage harvesting.

- ▶ *Exceptionally wide range of mowers, hay tedders and rakes*
- ▶ *Innovation and progress: continuous further development for a first-rate harvest*
- ▶ *Minimum downtime, maximum machine availability thanks to professional dealers and a well-organised spare parts supply*
- ▶ *Long service life machines "Made in Germany"*



**FELLA-Werke GmbH**

Fellastraße 1-3

90537 Feucht

Germany

① +49 9128 73-0

✉ +49 9128 73-117

fella-vertrieb@AGCOcorp.com

www.fella.eu

Your FELLA quality partner