

PÖTTINGER HIT / HIT T

Tedders with 8, 10 and 12 rotors



All information available online



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Tedders which inspire you

In practice, tedders are required for large areas. PÖTTINGER therefore had clear objectives as part of its development: Stability, reliability, and high functionality combined with a perfect soil adaptation and spreading quality. The new tedder series offers you modern agricultural technology which meets growing demands. We offer working widths ranging from 25.62' / 7.81 m to 43.30' / 13.20 m.

The HIT three-point machine with 8 rotors will convince you as a sophisticated practitioner with a well-engineered headstock. The HIT, trailed machine with 10 and 12 rotors, provides captivating solutions for very large areas.

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“DynaTech” rotors spread perfectly

Another PÖTTINGER innovation for you: We have redesigned the rotors. The unique curved tine arms guarantee a clean spreading pattern. Of course, our mounted and trailed HIT tedders guarantee a high level of performance. They are made for heavy-duty use on your areas. Ever lost tines in the forage swath? Well, that’s in the past. HIT tines give you that security.

The same for all HIT – the “DynaTech” rotor

The large-scale HIT T models have been tried and tested in practice many times over.



Unique curved shape of the tine arm

A trailing lead tine reduces the load on the bearings. At the same time, the drawn tines work slightly quicker, more softly, and with a more gentle feed. The curved shape also prevents forage from building up inside the tine arms, and from wrapping around the rotors.



"DynaTech" – means four times as clean:

- **Feed intake** – small rotor diameters guarantee a clean intake
- **Feed** – maximum soil adaptation of individual rotors for a clean feed
- **Spreading pattern** – ideal spreading angle extends the feed both cleanly and uniformly
- **Machine** – rotors remain clean due to their curved shape

"Heavy duty" tines for added security

- The screw fitting ensures a firm fit, and offers a two-prong tilting angle.
- An arched bracket supports the rotating tines and allows enough flexibility.
- **Your benefits:** The service life of the tines has been increased significantly. Protection against loss still comes as standard.

"Heavy duty" tines spread perfectly

- Disproportionately long tines legs take the food evenly and contribute significantly towards the improvement of bedding quality.
- With the proper height adjustment, a clean forage is guaranteed.
- Five tine arms per rotor provide the HIT 8.81 with a rapid tooth based action. The larger models come equipped with six arms.

Two tilt angles by rotating the
bracket 180 degrees



Stability and durability is guaranteed

Despite a large working width, we offer a smooth drive via permanently lubricated single and double joints. This is the only way to ensure that the tines pick up the crop with a regular frequency and are able to distribute it evenly.



Permanently lubricated single and double joints



Power clutch

Zero backlash drive

- Permanently lubricated single and double joints transmit the drive power positively and smoothly to the main rotor gearbox.
- The exterior rotor can be pivoted by a power clutch for transport at 180°.



Stable form stampings for the tine arm fixing

The angular gearbox is closed and comes equipped with grease lubrication. Large gears and bearings ensure a smooth-running drive.

The rotor plates are made of thick-walled pressed components with a precise placement for the tine arms. The tine arms are also bolted to the rotor hubs to ensure an extremely secure mounting.



HITs are adaptable

The pitch angle can be adjusted to three positions without using tools. You can adjust the pitch angle to the feed composition both quickly and easily. A clean, uniform spreading pattern is therefore guaranteed for you.



Designed for years of operation

Whether it be a three-point attachment or towed machinery, quality work forms part of our HIT tedder range. Stable components, robust joints, and high quality paintwork speak for themselves. You are guaranteed a long service life. With its striking colors and modern design, this tedder is also impressive from a visual perspective. This ensures a higher resale value.



HIT 8.81 / 8.91 with 8 rotors

Working widths of 25.62' / 7.81 m or 29.06' / 8.86 m – for operations where striking power is in demand

HIT 8.81 – the perfect conditioner for your 9.84' / 3.0 m slicing mower

The advantages start with the short headstock:

HIT cultivation tedders are known for their short headstock. For this reason, the focus shifts closer towards the tractor. The lifting force is lower and the level of driving safety is increased.



The HIT heart stud

Three-point attachment for maximum cornering

- The headstock is equipped with a tilt and two stabilizers.
- When lifted upwards, the „HIT-headstock“ swings into a central position.
- A slot is provided for use with a jockey wheel and a rigid upper joint.
- The transport lock gives you confidence when on the road.
- The practical PTO shaft and hose storage wardrobe helps to facilitate storage.



HIT 8.91 T – the machine attachments

The professional machine with an 29.06' / 8.86 m working width for a superb performance with smaller tractors.

For a stable transport journey, the hitch is a robust tubular frame for the tractor's lower link. The wide chassis with 260/70-15.3 tyres carries the HIT 8.91 T during transport. When in use, the transport wheels are hydraulically folded over the rotor. The two inner rotors are equipped with 16 x 9.50-8 balloon tyres. This improves weight capacity during operations.



Always one wheel ahead

Soil adaptation and crop protection are be all and end all for HIT tedders. What has been proven over many years with the rake is now also looking good for the rotor. An additional jockey wheel on the headstock runs just in front of the tines and responds to every single element of uneven soil. The result: Clean forage and a high standard of animal health, and the tines also have a much longer working life.

Multitast is in a class of its own

The additional jockey wheel provides this – even with tedders



The upper link is moved inside the slot of the headstock. The jockey wheel drives the tines onto the exact contour of the soil. The working height is always set accurately by the wheel. You can drive faster and therefore achieve a higher area coverage. The sward is protected, and extends the life span of the tines.

- This is especially recommended for use on slopes.
- The jockey wheel can be installed on the left or right and can be adjusted quickly without tools.

Load-bearing wheels for wet meadows

With the 8.81 and 8.91 HIT models, the two inner rotors are 16 x 9.50-8 balloon tyres. This improves the weight capacity when in use and helps to protect the soil.



Fixed rotors



Hydraulic fenceline tedding system



Fenceline spreading display

The most economical options:

If no fence line spreading device is in use, then the rotors remain permanently fixed.

Practical fenceline spreading is optional with models HIT 8.81, HIT 8.91 and HIT 8.91 T

- With the mechanical boundary spreading device, all of the wheels can be adjusted centrally.
- By installing a hydraulic cylinder, these can easily be adjusted from the tractor seat. The wheel position indicator is clearly visible from the tractor seat.



Maximum area coverage for you

The pulled HIT T tedders with 10 or 12 rotors are designed for large areas. In order to meet the demand for a large working width with ideal ground following, the rotors are individually hinged to one another. In conjunction with the chassis as a rotary direction, HIT can guarantee perfect work at higher speeds.



HIT 10.11 T / HIT 12.14 T

Trailed machines with 10 or 12 rotors give conviction

The working width of 36.08' / 11 m or 43.30 / 13.20m guarantees a high area of coverage. The optimal arrangement of a DynaTech rotor makes for a perfect spread.

Universal drawbar for hitching upper or lower links

- The advantages of the trailed PÖTTINGER tedder generation already start with the attachment.
- The bolted universal hitch can be rotated 180°, either via the upper or lower attachment.
- We also have various drawbar options, a drawbar eye USA, or a ball hitch.

You have the choice:

A lower link attachment for particularly strong steering locks is available as an optional extra. As a result of this, the machine can follow your tractor tracks even more accurately.



HIT 10:11 T with a lower link attachment

All functions are operated via a single and a dual action valve located on the tractor. This is made possible by using a series of stepping control valves.



The best fodder for your animals

A clean feed is the ultimate goal for harvesting, and results in a higher dairy yields and fattening performance of your animals. To keep the food clean, the maximum working height of the rotary tedder can be both easily and quickly adjusted. Our HIT T impresses with its exceptional lifting system – „Liftmatic plus“ provides the convincing innovation behind trailed machinery.



Teding position



Horizontally positioned rotors



Link guide

Liftmatic plus

Unique headland position guarantees you the best quality forage

The rotors are set horizontally initially in order to protect the soil when they are lifted upwards. Therefore the tines are unable to scratch the soil. The crop remains clean and the sward remains undamaged. Another feature is the high headland position with a soil clearance of 2.95' / 90 cm.



The robust construction ensures a long service life

The rotors are bolted to the frame. The front guard increases the level of stability as a supporting element. For a perfect soil adaptation, each rotor is connected via a wide supported frame joint.



A rapid and accurate rotor right adjustment protects your soil and forrage

The hand crank allows for simple and central height adjustment. Good accessibility facilitates this important activity while also saving time.



HIT detail technique, which inspires you

Our technicians have designed the new HIT tedders down to the finest detail. In close cooperation with practical activity, every demand has been taken into consideration.



HIT tedders can work widely, but also at narrow and low levels during transport

- All functions are operated via a single and a dual action valve located on the tractor. The sophisticated step sequential control valves make your job easier.
- The side guard folds out automatically.
- The large main frame with its stable rotor support and 260/70-15.3 tyres (340/55-16 optional) allows for vibration-free road transport at high speeds.

A full-scale fence line spreading device is also available with 10 and 12 rotors



Hydraulic fenceline tedding system



Hydraulic fence line spreading device – optional with HIT 10.11 T and 12.14 T models

A hydraulic adjustment of the two right sided exterior rotors set at an angle of 15° to the rear. The operation is performed with the dual-action control device for folding units.

Technical data

	Width ft / m	Working width per DIN standards ft / m	Rotors	Arms per rotor	Rotor tyres (2 central rotors)
HIT 8.81	25.62' / 7.81m	25.26' / 7.70m	8	5	16 x 6.5-8 (16 x 9.50-8)
HIT 8.91	29.06' / 8.86m	28.21' / 8.60m	8	6	16 x 6.5-8 (16 x 9.50-8)
HIT 8.91 T	29.06' / 8.86m	28.21' / 8.60m	8	6	16 x 6.5-8 (16 x 9.50-8)
HIT 10.11 T	36.08' / 11.00m	34.77' / 10.60m	10	6	16 x 6.5-8
HIT 12.14 T	43.07' / 13.20m	41.66' / 12.70m	12	6	16 x 6.5-8

T = trailed

Standard & Optional Equipment

	Rotor fix	Mechanical Fenceline spreading system	Hydraulic Fenceline spreading system	16 x 6.5-8 contact wheel
HIT 8.81	■	□	□	□
HIT 8.91	■	□	□	□
HIT 8.91 T	■	□	□	□
HIT 10.11 T	■	-	□	□
HIT 12.14 T	■	-	□	□

■ = Standard, □ = Optional



HIT tedders to match any mower

Slicing mower width	7.21' / 7.38' / 2.20m / 2.25m	8.53' / 8.59' / 2.60m / 2.62m	8.85' / 2.70m
Mower swath width	3.60' / 1.10m	3.93' / 1.20m	3.93' / 1.20m
HIT 8.81			
HIT 8.91 / 8.91 T			
HIT 10.11 T			
HIT 12.14 T			
Slicing mower width	14.10' / 4.30m	17.38' (9.84' + 8.53') / 5.30m (3m + 2.6m)	18.70' (9.84' + 9.84') / 5.70m (3m + 3m)
Mower swath width	9.18' / 2.80m	5.90' + 4.59' / 1.80m + 1.40m	5.90' + 5.90' / 1.80m + 1.80m
HIT 8.81			
HIT 8.91 / 8.91 T			
HIT 10.11 T			
HIT 12.14 T			
Slicing mower width	22.96' (9.84' + 14.10') / 7.0m (3m + 4.3m)	23.95' (9.84' + 2x8.53') / 7.30m (3m + 2 x 2.60m)	27.23' (9.84' + 2x9.84') / 8.30m (3m + 2x3m)
Mower swath width	5.90' + 9.84' / 1.80m + 3.0m	5.90' + 2 x 4.59' / 1.80m + 2 x 1.40m	3 x 5.90' / 3 x 1.80m
HIT 8.81			
HIT 8.91 / 8.91 T			
HIT 10.11 T			
HIT 12.14 T			

Tyres Transport chassis	Transport width ft / m	Transport length ft / m	Transport height ft / m	Weight lbs / kg
	9.64' / 2.94m	6.23' / 1.90m	10.17' / 3.10m	2314 lbs / 1050 kg
	9.84' / 3.00m	6.56' / 2.00m	11.97' / 3.65m	2755 lbs / 1250 kg
260/70-15.3	9.84' / 3.00m	12.40' / 3.78m	11.97' / 3.65m	3417 lbs / 1550 kg
260/70-15.3	9.51' / 2.90m	18.37' / 5.60m	8.85' / 2.70m	4365 lbs / 1980 kg
260/70-15.3	9.51' / 2.90m	18.37' / 5.60m	8.85' / 2.70m	5070 lbs / 2300 kg

no data is binding

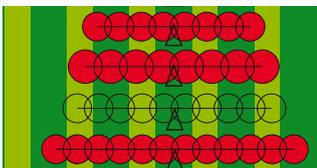
340/55-16 tyres HIT T	Lower link attachment HIT T	Night swath	Warning signs Lighting system
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-	-	<input type="checkbox"/>	■
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All data not binding, may vary from country to country.



9.97' / 10' / 3.04m / 3.05m

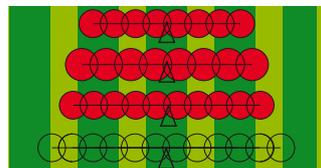
5.90' / 1.80m



20.34' (9.84' + 11.48) /
6.20m (3m + 3.50m)

11.35' / 11.48' / 3.46m / 3.50m

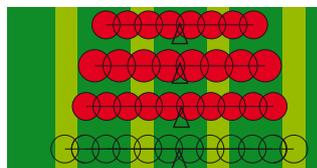
6.88' / 2.10m



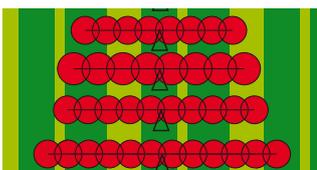
21.65' (9.84' + 12.75') /
6.60m (3m + 3.9m)

12.72' / 3.88m

8.20' / 2.50m

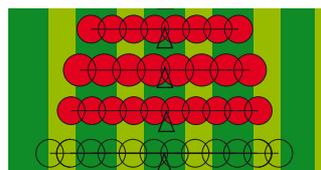


5.90' + 6.88' / 1.80m + 2.10m



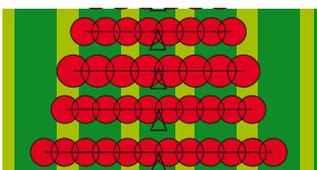
9m (3m + 2 x 3.5m)

5.90' + 8.85' / 1.80m + 2.70m

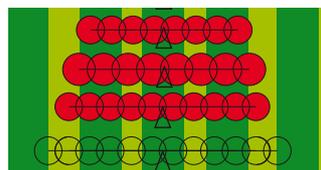


31.36 (9.84 + 11.48) /
9.56m (3 x 3.5m)

5.90' + 2 x 6.88' / 1.80m + 2 x 2.10m



3 x 6.88' / 3 x 2.10m



Additional equipment

Drawbar eye 1.57" / 40 mm, 1.96" / 50 mm, rotating eye 1.96" / 50 mm ball coupling 3.14" / 80 mm, drawbar eye USA



We are where you are.

We offer our customers the best developed network of sales and service partners worldwide. Being local means that we can quickly supply our customers with spare parts and that our skilled personnel can optimally deliver and install the machinery.

Our services include:

- Original Inside Parts 24-hour ordering service online.
- Long-term stock keeping of spare parts.
- Expertise through regular training – for professional personnel.
- and much more ...

Find out more from your PÖTTINGER dealership, or visit www.poettinger.at!

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