



Press release

The new HIT 8.81, 8.91 and 8.91 T: Best working quality with unique technology.

Pöttinger has now applied the latest technical developments from the large trailed HIT 10.11 T and 12.14 T tedder series to the smaller 8 rotor models with working widths of 7.70 m to 8.60 m.

The headstock has been completely redesigned for the 8.81 and 8.91: a sturdy three point pivoting headstock with absorber struts as standard and the best tracking performance prevents the tedder from jolting during operation. These new tedders are also perfect for working on slopes. The horizontal headstock guidance provides high clearance at headland turns and prevents under running on slopes. The centring system has also been optimised: a heart shaped pivot pin mounted on bushes and angled 5 degrees forwards minimises the lateral forces to ensure smooth central alignment of the tedder.

Unique DynaTech rotor units

The new design of the rotor unit and tine arm already implemented on the large trailed tedders has now also been introduced by Pöttinger to the new HIT machines. Clean forage, best spreading quality and a clean machine are the key advantages of the DynaTech rotor units.

The bolted frame construction with large cross section tubes and wide support width ensure highest stability and durability of the machine. The DynaTech rotor units are flanged to the adjacent segment with six bolts. The rotor diameter of 1.30 m on the HIT 8.81 and 1.42 m on the HIT 8.91 and the five/six **curved** tine arms with the **new tines** ensure optimum tedding quality and perfect ground tracking. The unique rotor geometry offers a range of advantages. Forage cannot snag or wrap around the tine arms, equally forage is picked up more easily and is subjected to less of a beating between the tine arms, meaning lower losses due to disintegration. This careful uptake is



achieved by the sweeping arms that 'pull' the tines. An additional positive effect is that the tines are well protected, increasing durability. The proven, closed tine security system is also integrated into this model. The tine carrier arms are precisely positioned on the rotor plates and are bolted to the hub. This guarantees even better stability at no increase in weight. The spreading angle can be adjusted on each rotor in three steps without extra tools. All rotors are equipped with 16 x 6.5-8 tyres, which are even better protected from contamination thanks to a new design of wheel yoke.

Using the same rotor units across the entire machine was emphasised during development. Additional stability is ensured by the new guard design, which is now a weight bearing element. Sealed lubricated single and double universal joints transfer power positively and without play for extremely smooth running of the rotor transmissions. A power clutch enables the outer rotors to pivot by 180°.

The new models offer three fenceline systems: bolted in place, mechanically adjustable or hydraulically adjustable. Any of these can be retrofitted at any time.

Best ground tracking

The proven Pöttinger jockey wheel system ensures optimum ground tracking for ideal protection of the sward and forage. The jockey wheel can be shifted independently forward or further back and can be mounted on the left or right. There is a slotted hole for working with the jockey wheel so that it is also possible to use a rigid top linkage. A transport interlock flap ensures the unit can be driven safely on the road.

High transport speeds are possible thanks to this machine's smooth running and perfect folding mechanism for compact transport (only 2.87 m high with HIT 8.81 and 3.26 m with HIT 8.91).



HIT 8.91 T - the trailed version

The new **HIT 8.91 T is a trailed version**. Perfect ground tracking, lowest possible forage contamination, perfect distribution quality and increased comfort were key specifications for developing this new machine. The machine is connected to the tractor by a rugged yoke tube to provide a tight turning angle. The transport wheels fold up hydraulically over the rotors during operation. This gives the tedder an optimum centre of gravity and prevents oscillation while working in the field. As a result, it is ideal for use with small tractors. Operation is straightforward and is activated using a double acting connection with sequential control. The HIT 8.91 T is fitted with 260/70-15.3 tyres and a 6 hole rim as standard. A hydraulic fenceline tedding system and dual jockey wheel are also available.

Photo preview:

	
<p align="center">HIT 8.81, best working quality</p>	<p align="center">HIT 8.91 T</p>
<p>http://www.poettinger.at/de_AT/Newsroom/Pressebild/2738</p>	<p>http://www.poettinger.at/de_AT/Newsroom/Pressebild/2836</p>

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For more information please contact:

Inge Steibl, Alois Pöttinger Maschinenfabrik GmbH., Industriegelände 1, A-4710 Grieskirchen
 Tel: +43(0)7248/600-2415, Mail: inge.steibl@poettinger.at, www.poettinger.at