

PÖTTINGER TOP

Twin rotor rakes with side swath



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PÖTTINGER



TOP 722 / TOP 812

Twin rotor rakes with side swath

Pöttinger extends its rake range with the twin rotor rakes with side swaths, TOP 722 and 812. The development of these machines focused on high practical requirements regarding raking quality, perfect ground adaptation and minimum forage contamination.

Simply producing agricultural technology is not enough, the machines also have to meet the growing demands of agriculture today. Pöttinger constantly does its best to fulfil these challenges.



Your benefits at a glance:

- TopTech plus single rotor technology
- Lifts with double-acting cylinder: work to headland and headland to transport
- Sequence control via matrix-controlled valves
- Simple operation
- Ground clearance at the headland 17.71" / 450 mm
- Offset control for work position and transport setting
- Transport height below 13.12' / 4.0 m without removing tine arms
- Cardanic suspension +/- 5° on all sides
- Swath deposits on right – in the direction of the operating controls on the tractor



TOP 722 / TOP 812

”TopTech plus“ single rotor

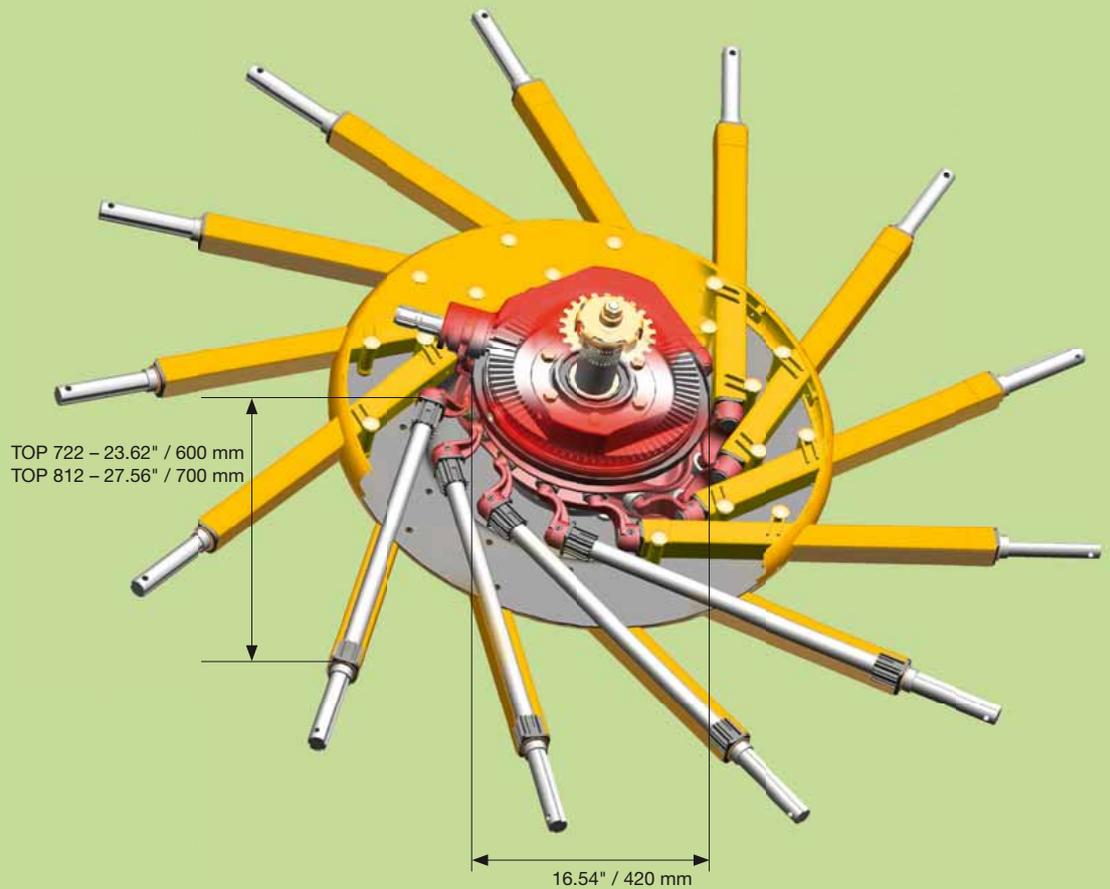
The crucial function of the rotor – the heart of the swath – is to control the tines. Precision components combined with robust materials ensure a long service life. A quality feature built into Pöttinger rakes.

- The rotor gearbox is sealed and is permanently lubricated in low-viscosity grease during operation.
- A large diameter cam-track made from high-quality spheroidal graphite cast iron ensures accurate and precise guiding of the tine arm control rollers. The cam track is adjustable for precise adaptation to all forage types and quantities.
- Cam track with 16.54" / 420 mm diameter without steep inclines, ensuring that the control lever can be offset gently without damage.
- The steel control rollers are maintenance-free and designed for a long service life.
- The control unit itself is sealed to protect against dust and contains no lubricant. The main advantage: no leakage problems – no oil checks – no oil changes.
- Strong tine arms with large diameters ensure long service life. A 23.62/27.56" / 600/700 mm distance between the plastic bushes for the tine arms ensures high stability. Pöttinger rotor technology that has been successfully proven over many years.
- Robust tine arm cross-section – extremely strong and resistant to twisting and bending.



Easy service

- The entire tine arm support can be replaced simply and quickly when necessary.
- The tine arm, including cam rollers, can be removed from the rotor housing simply by loosening two bolts.
- No problems with lubricants.



Clean forage is the main goal for the harvest chain when it comes to high livestock milk production and feed conversion. The tines must therefore work gently and protect the forage.

Tines for precise work down to the last millimetre

- The tines are directed straight at the ground directly under the tine support, without any need for a steep offset angle. They are pressed back by forage resistance, but do not disengage, thus ensuring precise work by the rotor.
- The tines therefore do not need to be set so deeply, which means less stress on the cam track and cam rollers. The turf is protected, forage contamination is reduced and the swaths are placed uniformly without creating mounds.
- The tines are drawn out of the swath smoothly without "plucking".
- The outer dual tines are slightly shorter to reduce stress for larger forage volumes. The three inner dual tines are used for precision work.





Masters of ground adaptation

5-Wheel Chassis

You are guaranteed maximum work quality and productivity with Pöttinger rakes. Perfect ground adaptation guarantees clean rake work – even with short or heavy, wet forage.

- Combined with cardanic rotor suspension, the standard inner 5-wheel chassis ensures the precise guiding of the tines across every bump.
- The result is clean sweeping with simultaneous turf protection.
- The position of the tandem axles can be adapted precisely in seconds to any usage conditions with the rotor at transverse angles.
- The tandem axles are equipped with 16x6.5-8 tyres, pivoting at the front and rigid at the back.
- Optional Multitast wheels are available for use on particularly uneven land. The proven Multitast wheels ensure that the tines do not scratch the soil on even the bumpiest of areas.
- This ground adaptation technology will cope with the most stringent demands. There are none better.
- Swaths are deposited to the right, as the controls on the tractor are also on the right and thus they remain in the operator's field of vision.



Practical transportation

- The robust frame constructions of the large rotors are designed to cope with the harshest operating conditions.
- With TOP 722, the rotors are moved from the working position to the transport position using an offset arm. Hydraulic cylinders are used on the TOP 812.
- Transport height is 3.99 m without removing tine arms. You can move from field to field without leaving the tractor cab. After removing the tine arms, the height is 3.60 m.
- Size 340/55-16 tyres on chassis.

Thanks to the steered chassis, these machines are extremely manoeuvrable.



Simple operation

- Lifting is performed via double-acting cylinder technology, with no need for stops for field transport positions. The rotor is lifted and lowered using matrix-controlled valves. The sequence control is adjustable.
- Only one double-acting service with float position is required for TOP 722; two double-acting services are required for TOP 812.
- Optimised folding geometry allows for 17.72" / 450 mm ground clearance on headland. This prevents you from damaging previously formed swaths. They are picked up cleanly by the following machines.

2-swath function

- Instead of the offset arm, the rotors on TOP 722 can be moved in and out using double-acting hydraulic cylinders.
- Swath width 22.31' / 6.80 m for one swath and 23.62' / 7.20 m for two swaths.

Compensating springs to protect ground

- Compensating springs on the rotors ensure that they can be placed or lifted on the headland without scratching the surface.
- Additional levelling springs as an option ensure the best ground hugging on very tough areas.



Technical data	TOP 722	TOP 812
Working width	22.31/23.62' / 6.80 / 7.20 m	24.93' / 7.60 m
Tine arms	2 x 13	2 x 13
Dual tines per arm	4	4
Rotor diameter	10.83' / 3.30 m	12.14' / 3.70 m
Transport width	8.27' / 2.52 m	9.17' / 2.80 m
Transport length	29.20' / 8.90 m	31.33' / 9.55 m
Transport height	13.09/11.91' / 3.99/3.60 m	13.09/11.91' / 3.99/3.60 m
Tyres — rotor	16x6.5-8	16x6.5-8
Tyres — chassis	340/55-16	340/55-16
Acres / hectares per hour	14.83 / 6.0	17.30 / 7.0
Power requirement from	55 kW / 75 HP	55 kW / 75 HP
Weight	5291 lbs / 2400 kg	5842 lbs / 2650 kg

All information is provided without obligation. Fittings can vary from country to country.

Optional equipment 812

- Multitast wheels

Optional equipment 722

- Multitast wheels
- 9.51' / 2.90 m chassis
- Hydraulic single-swath function (second hydraulic service required)



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