

PÖTTINGER TOP

Rakes for centre swathing



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PÖTTINGER



TOP s-line

Rakes for centre swathing with two or four rotors

Pöttinger has developed a new rotor-lifting system for heavy duty twin rotor models, which pivots rearwards (compact rotor-lift arms). The rotors lift diagonally on headland for an approximate ground clearance of 23.6 in / 600 mm. Finished swaths are not damaged by the rotating rotors passing over them, resulting in a loss-free intake by the following harvest machinery.



TOP 852 C – Twin rotor rake – centre swath

Working width is hydraulically adjustable from 25.4 to 28.1 ft / 7.75 to 8.55 m. The transport height is 13.1 ft / 3.99 m without removing any of the tine arms.

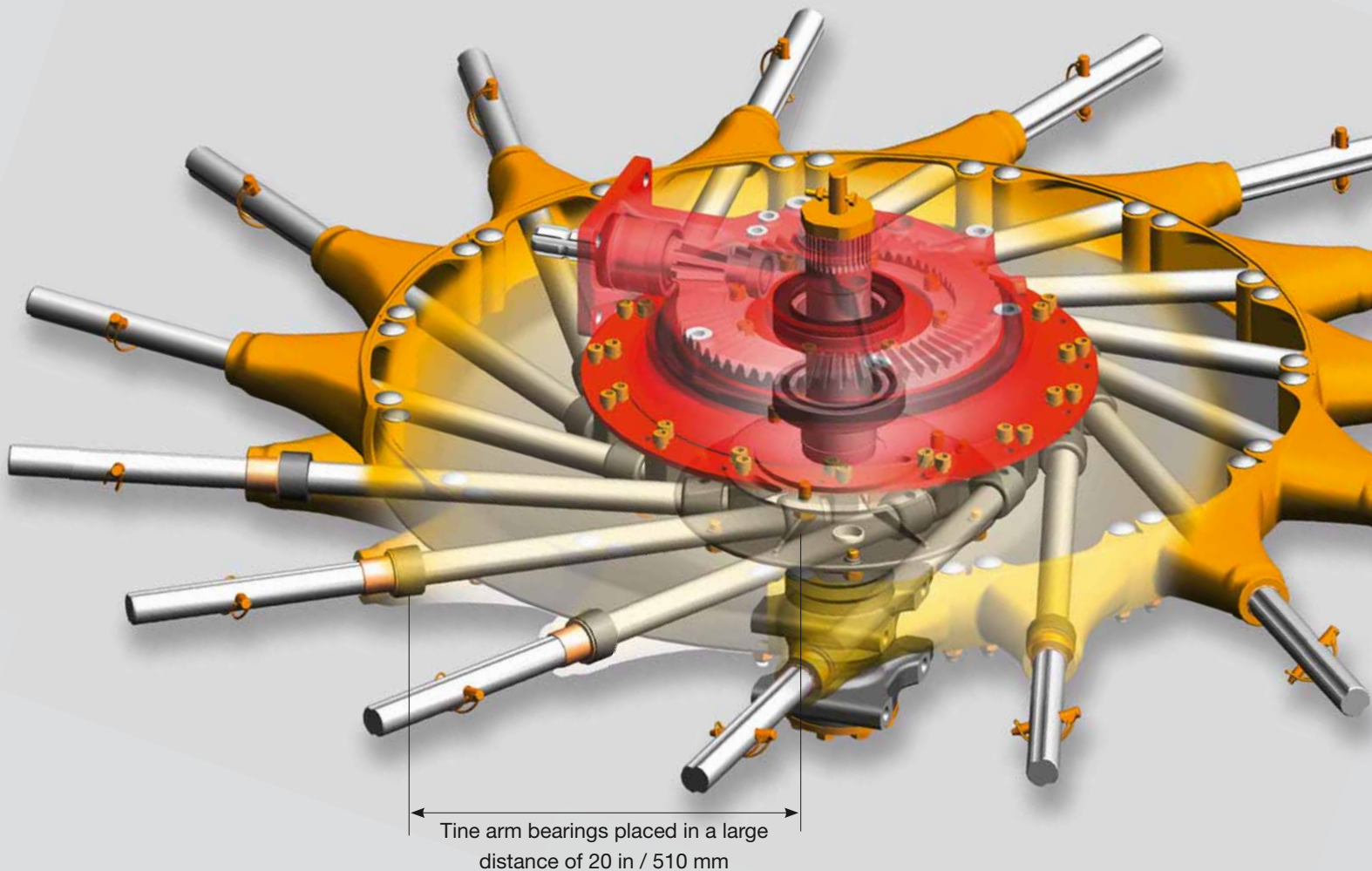
TOP 972 C – Twin rotor rake – centre swath

Working width is hydraulically adjustable from 29.5 to 32.2 ft / 9.0 to 9.80 m. The transport height of even these large diameter rotors is 16.1 ft / 4.9 m without detaching the tine arms, which frequently makes changing fields possible without leaving the tractor. After removing the tine arms, the height is still no more than 12.6 ft / 3.85 m.

TOP 1252 C – Four rotor rake – centre swath

Working width is hydraulically adjustable from 26.3 to 41.0 ft / 8.0 – 12.50 m. The hydraulic drive of the front rotors enables the extending arms to be pivoted inwards for a transport height of only 13.12 ft / 4.0 m without removing tine arms or folding safety guards. Annoying setup times are therefore a thing of the past.

DuraTec

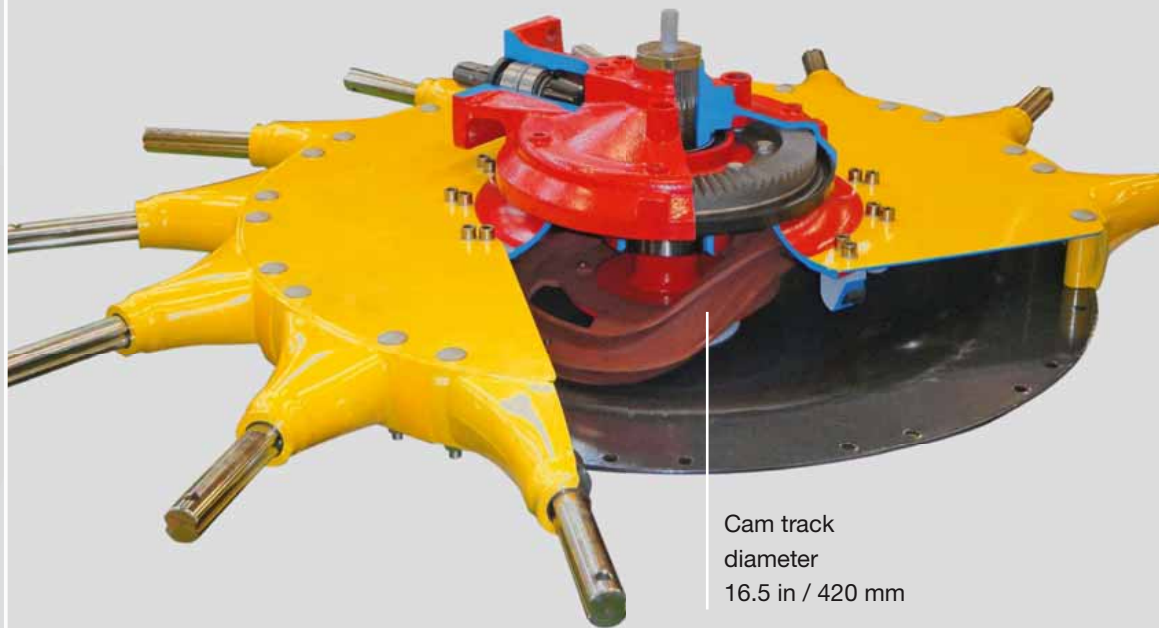
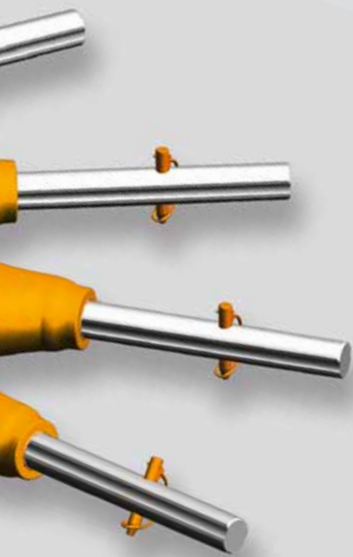


DuraTec rotor

The rotor – the heart of the rake – is responsible for controlling the action of the tines. Precision components combined with robust materials ensure a long service life. A quality feature built into Pöttinger rotary rakes.

DuraTec rotors are generously dimensioned and designed for the toughest applications. Clever technical details enable reliable operations combined with maximum convenience.

- The rotor transmission is encapsulated and runs in a sealed grease bath.
- The cam track and control mechanism is encapsulated dust-tight without lubricant. As a result no oil checks or oil changes are required.
- The big advantage: no oil leakage problems.
- The cam track is made from a high quality globular cast iron and has a large diameter for smooth and precise cam roller guidance. The cam track is infinitely adjustable so it can be set exactly to match the operating conditions.
- Because the large diameter cam track does not have steep inclines the cam levers are operated smoothly and without jolting or jerking.
- The steel cam rollers are fitted with sealed bearings for a long service life.
- Large diameter control shafts for extra durability. A gap of 20 in / 510 mm between tine arm bearings guarantee the best stability. Proven Pöttinger technology backed by years of experience.
- Advanced tine arm cross-section – extremely resistant to twisting and bending



Cam track
diameter
16.5 in / 420 mm

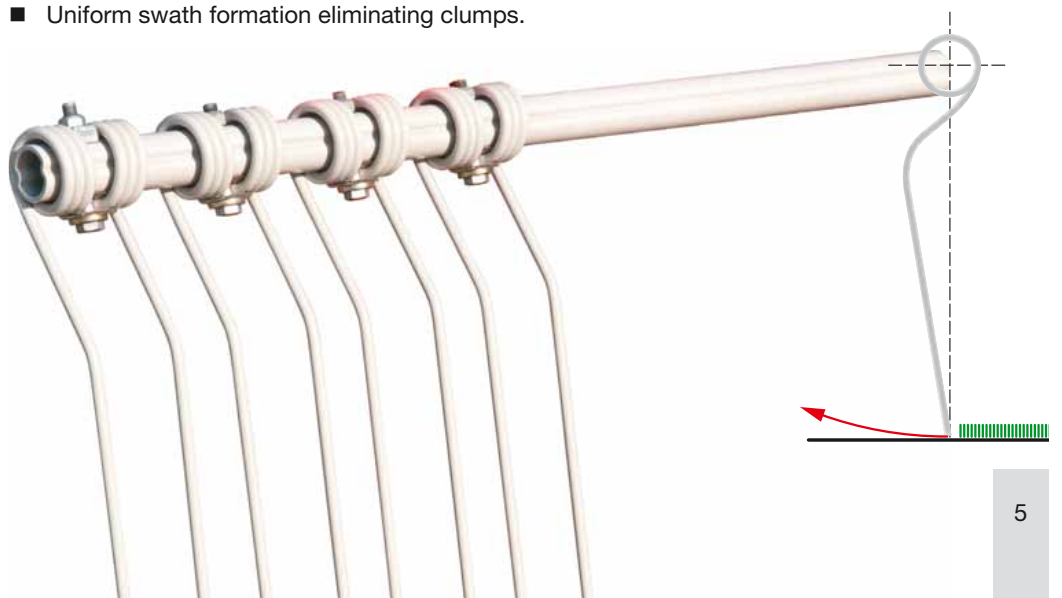


Service friendly:

- If required, the tine arm and cam roller can quickly and easily be replaced by removing just two bolts. No problems associated with any lubricant escaping.

Tines for precision operation

- Straight tines without a sharp bend point straight downwards from the tine carrier arm.
- They do not lift away from ground when pressed backwards by the ground or forage.
- Clean raking efficiency that protects the sward as well as minimises crop contamination.
- The tines are drawn smoothly out of the swath.
- Uniform swath formation eliminating clumps.



TOP 852 C / 972 C



Compact rotor-lift arms

Pöttinger has developed a new rotor-lifting system for heavy duty twin rotor models, which pivots rearwards (compact rotor-lift arms).

- The transport height of even the large diameter rotors is 13.1 ft / 3.99 m or 15.09 ft / 4.60 m without detaching the tine arms, which frequently makes changing fields possible without leaving the tractor. After removing the tine arms, the height is still no more than 10.83 ft / 3.30 m or 12.6 ft / 3.85 m.
- The robust frame construction and the large rotors are designed to cope with the harshest operating conditions.
- A ground clearance of 23.6 in / 600 mm. Finished swaths are not damaged by the rotating rotors passing over them, resulting in a loss-free intake by the subsequent machinery.



Lifting height 23.6 in / 600 mm



Hydraulic swath width adjustment



Outstanding ease of operation

Comfortable operation is more than just a slogan at Pöttinger. These control system operations let you work free of fatigue even during really long days of harvesting.

- Two double-acting remotes are used to lift the rotors and set the working width.
- A Select Control terminal is available as an option for lifting the rotors individually and adjusting the rotor height hydraulically.
- Independent hydraulic lifting for each rotor is also available as a separate option.



Individual rotor lifting



Hydraulic height adjustment

TOP 852 C / 972 C



Masters of ground adaptation

Protective forage handling is the first priority. Rakes with the lowest disintegration loss and minimal soil accumulation guarantee energy-rich forage and economical use of base forage.

- The 6-wheel chassis is fitted as standard inside the sweep of the tines and – together with the floating rotor suspension – guarantees precision guidance of the tines over undulations.
- The result is tidy raking work at the same time as protecting the sward.
- Because the tandem axles are adjustable, the angle of the rotors can be adjusted precisely to the operating conditions in just a few minutes.





Pöttinger rakes guarantee the best ground hugging – even with high volume grass swaths and with straw.

- The tandem axles are equipped with large 18.5x8.5-8 tyres.
- Multitast ground-hugging wheels with anti-wrap protectors can be fitted in front of each rotor.
- This ground hugging technology meets the very highest expectations. There is no better solution.
- No tools are required to adjust the position of the Multitast ground-hugging wheel to each situation using the pivoting arm.



TOP 1252 C



Wide raking width between 26.3 and 41.0 ft / 8.0 and 12.50 m.

TOP 1252 C four-rotor rake

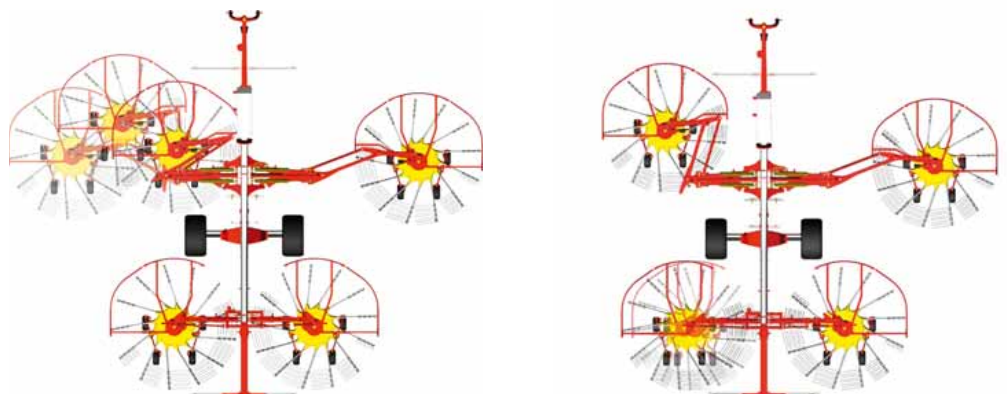
Avoiding a backlog during harvesting demands high-performance agricultural technology.

The performance of silage trailers and self-loading wagons can be increased by up to 20 % if the swath is of optimal shape and uniform density.

Unique hybrid drive

Pöttinger has developed a unique hybrid drive technology: four-rotor rake

- Hydraulic drive at the front, mechanical drive at the rear.
- The working width can easily be adjusted from 26.3 to 41.0 ft / 8.0 to 12.50 m.
- Raking around obstructions is no problem.
- The raking width can even be adjusted while working thanks to the pivot wheels.



Infinitely variable hydraulic working width adjustment

Swath widths: 3.94 to 6.56 ft / 1.20 m to 2.0 m



Retract one of the front rotors to circumnavigate obstruction



From the field to the road without leaving the cab

Hybrid TOP 1252 C technology: unbeatably low during transport – unbeatably versatile during operation – extremely manoeuvrable, even in small fields.

- The hydraulic drive of the front rotors enables the extending arms to be pivoted inwards for a transport height of only 13.09 ft / 3.99 m without removing tine arms or folding safety guards. Annoying setup times are therefore a thing of the past.
- Large dimensioned tyres minimise pressure on the ground in the field while maximising driving comfort on the road.
- Choose between pneumatic or hydraulic brakes.
- Mechanical interlock and support for safe road transport.





Tidy and protective raking

Pöttinger ground hugging technology meets the very highest expectations. There is no better solution. The result is tidy raking work at the same time as protecting the sward.

- The tandem axles are fitted with large 16 x 6.5-8 pivoting wheels.
- The Multitast ground hugging wheels with anti-wrap guards are fitted as standard in front of the rotors and – together with the floating rotor suspension – guarantee precision guidance of the tines over undulations.
- Because the tandem axles are adjustable, the angle of the rotors can be adjusted precisely to the operating conditions in just a few minutes.
- Pentagonal chassis (5 wheels) for inside the sweep of the tines available as an addition to – or instead of – the external Multitast ground hugging wheel.





Operating comfort

Control systems for fatigue-free operation on long harvesting days.

Power Control terminal available as option to make your job easier with automated functions, data acquisition and diagnostic systems to increase performance.

- One double-acting remote is for lifting the rotors and two double-acting remotes are used to adjust the working width.
- An especially convenient electronic Power Control terminal is available as an option for lifting the rotors individually and adjusting the rotor height hydraulically.



Technical Data

TOP s-line	852 C rakes for centre swathing	972 C rakes for centre swathing
Working width	25.4 – 28.1 ft / 7.75 – 8.55 m	29.5 – 32.2 ft / 9.0 – 9.80 m
Tine arms	2 x 13	2 x 15
Dual tines per arm	4	5
Rotor diameter	12.14 ft / 3.70 m	14.11 ft / 4.30 m
Transport width	9.68 ft / 2.95 m	9.68 ft / 2.95 m
Transport height with tine arms	13.09 ft / 3.99 m	15.09 ft / 4.60 m
Transport height with tine arms removed	10.83 ft / 3.30 m	12.63 ft / 3.85 m
Rotor chassis wheel tyres	18.5 x 8.5-8	18.5 x 8.5-8
Chassis wheel tyres	10/75-16	10/75-16
Power requirement	51 kW / 70 HP	55 kW / 75 HP
Weight	6173 lbs / 2800 kg	7055 lbs / 3200 kg

All information is provided without obligation, features may vary from country to country





Equipment

TOP	Individual hydraulic rotor lift system	Select Control	Multitast wheel	Hydraulic lift system
852 C	Option	Option	Option	Option
972 C	Option	Option	Option	Option



TOP s-line	1252 C rake for centre swathing
Working width	26.3 – 41.0 ft / 8.0 – 12.50 m
Tine arms	4 x 12
Dual tines per arm	4
Rotor diameter	10.83 ft / 3.30 m
Transport width	9.84 ft / 3.0 m
Transport height with tine arms	13.09 ft / 3.99 m
Transport height with tine arms removed	11.15 ft / 3.40 m
Rotor chassis wheel tyres	16 x 6.5-8
Chassis wheel tyres	500/50-17
Power requirement	66 kW / 90 HP
Weight	13117 lbs / 5950 kg

All information is provided without obligation, features may vary from country to country

TOP	Power Control	Hydraulic lift system	Jockey wheels inside rotor arc	Floodlights LED
1252 C	Option	Option	Option	Option
				

Optional equipment

TOP 1252 C:

- Load-sensing
- Larger transport tyres 620/40 R 22.5
- Hydraulic brakes in lieu of air brakes



Lidauer-Papst KG, a farming collective from Wolfsegg

(Austria): recently began using the TOP 1252 C four-rotor rake from Pöttinger.

"For years we used a Pöttinger side delivery rake. It served us very well, both on our own farm and on a contracting basis. Of course, the long service life was a reason for choosing the new Pöttinger rake, a powerful machine for professionals. The good and prompt service was also a vital factor in our decision. Because we often work together with machinery cooperatives, we only operate a few machines, but these machines must be of good quality, and Pöttinger machines fit that bill," Director Wolfgang Papst explains.



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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