

PÖTTINGER EUROTOP

Rotary rakes



Find out more online!



97+022.02.0813



PÖTTINGER



EUROTOP

Success is in the detail ...

Perfectionism teamed with experience in the field – that is the best way to describe the EUROTOP rake range. Pöttinger pays special attention to "clean forage" for high-performance, high-yielding livestock. Careful crop handling is the top priority. Windrowing without contamination or crop disintegration delivers an energy-rich crop and a cost-effective base feed.

Optimised ground hugging and careful forage handling are trademarks of the EUROTOP rotary rake range. Freely-suspended tandem axles, Multitast wheels and pivot-mounted rotors are just a few examples of the technology packed into these machines. Take a look – the success is in the detail.

	Pages
TOP technology	3 - 11
Single-rotor rakes	12 - 14
Twin rotor rakes – Side swath placement	15 - 17
Twin rotor rakes – Centre swath placement	18 - 19
Technical data – options	20 - 23

Mounting – a reliable connection



Three-point pivoting headstock with heart-shaped pivot pin

- The rake follows the tractor on corners without swivelling out.
- When lifted the rake is aligned in the central position. The tedder cannot under-run, even on slopes, and follows the tractor without drifting.
- Only one pin needs to be relocated to block the freedom of movement and prevent oscillation during transport.



Three-point rigid

- Three-point mounting with castors
- The short headstock places the centre of gravity close to the tractor.
- The headstock for front and rear mounting (forwards and reverse drive)



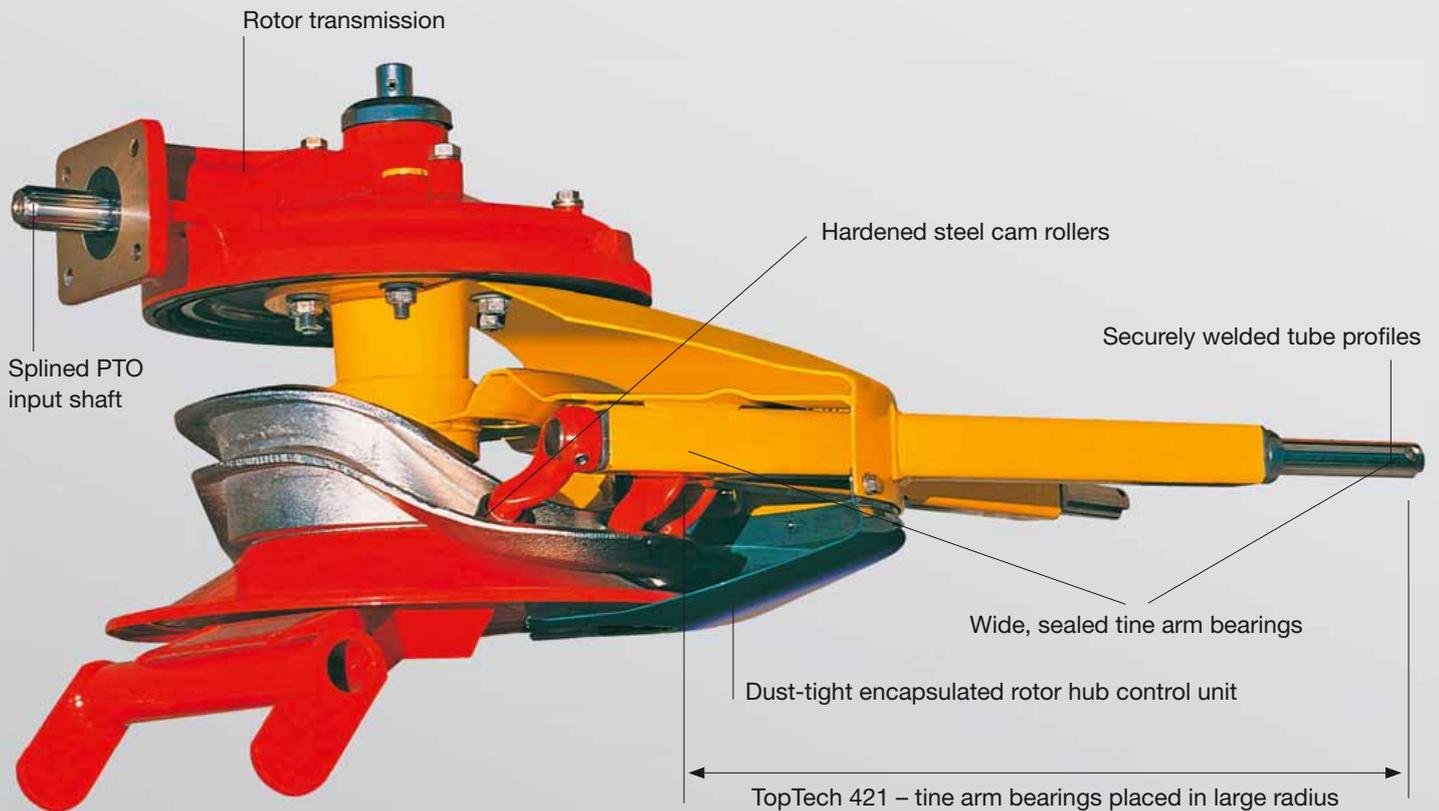
Trailer drawbar EUROTOP 611 A / 691 A

- The rake features a drawbar with support plate which is mounted on a tool bar between the tractor's lower linkage arms.
- The foldable parking strut also acts as a support for the PTO shaft.



Lower linkage yoke EUROTOP651 A/881 A

- On steered models, the yoke is attached quickly and easily to the tractor's lower linkage arms.
- One single-acting remote valve is required for hydraulic lifting.



23.6" / 600 mm

TopTech rotor The heart of the rake

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 rakes.

- **Hardened steel cam rollers** in sealed bearings – no maintenance required.
- **Wide, sealed tine arm bearings** for a long service life.
- **Dust-tight encapsulated rotor hub control unit.** No oil checks and no oil changes.
The big advantage: no leakage problems!
- **Securely welded box profiles** are designed for heavy duty and reliable operation.
- **Unbeatable tine arm cross-section** – prevents twisting and bending – easy to fit and remove. Inner tine arm sections are also easy to fit.
- **The rotor gearbox** on EUROTOP 421 N models upwards runs in grease and is a sealed, maintenance-free unit.
- **Splined PTO input shaft** – unit is quick and easy to remove, best possible power transmission.

Tine arm bearings mounted over a large radius

- Wide bearing spacing increases strength and alleviates stress on the bearing.
- Example: TopTech 421 – bearing distance 23.6" / 600 mm



Robust cam track

- Made of high quality globular cast iron, infinitely adjustable for different types of crop and varying operating conditions.
- Optimised for smooth control of cam rollers.
- No sudden inclines in cam track so control arm follows cam track smoothly.
- Rotor unit features just grease lube nipple for the cam track.
- Large diameter cam track between 13.78" / 350 mm and 16.64" / 420 mm depending on model.





Ultimate ground hugging technology

No compromise on ground tracking: contaminated forage reduces livestock performance and your profit. The combination of fully-articulated tandem chassis and Multitast wheels ensures clean forage for healthy, high-yield livestock.

Multitast leads the way

- A Multitast wheel that runs in front of each rotor ensures perfect ground following. The wheel is located just in front of the point the tines contact the crop.
- The tines are guided over the terrain without actually touching the ground.
- Optimum protection for cam unit, tines and sward.
- The length and height of the Multitast wheel arm is adjustable on twin-rotor rakes.
- Top raking quality delivered at speeds in excess of 9.3 mph / 15 km/h.



EUROTOP 380 N – multitast

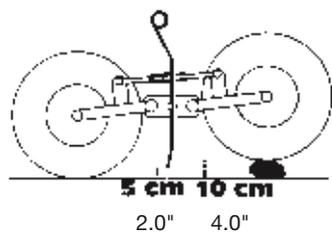


The anti-wrap guard prevents forage from wrapping around the Multitast wheel and wheel arm.



Tandem axles – a joy to drive

Exclusive: Inclination of the wheels is adjustable



- Pöttinger offers a high-quality tandem axle. These ensure completely smooth running during operation.
- The tandem axle provides very wide wheel spacing which greatly increases the rake's performance on slopes.
- The wheels are located close to the tines to enable higher travelling speeds.
- The ultimate feature: the rotor inclination can be adjusted on freely-suspended tandem axles. Tidy raking is guaranteed over the full radius in all operating conditions with every kind of crop.



EUROTOP



Ease of operation

It's a question of the right setting. Mere millimetres determine the quality of a forage crop. A range of adjustments help you to find the ultimate working setting.

Working height – exact adjustment

- The working height is adjusted using a hand crank. Smooth-running and maintenance-free, no need to bend down to adjust.

Swath curtains adjustment – infinitely variable

- The swath curtains can be adjusted to match the quantity of forage and the width of the swath.



Exact adjustment



Swath curtain adjustment



Hydraulic swath curtain lift system - optional

- For EUROTOP 340 N to 461 A. EUROTOP 340 N and 380 N rakes have a transport width of less than 9.84' / 3.0 metres without removing tines arms.
- On EUROTOP 611 A and 691 A for the transport position.

Hydraulic working width and swath width adjustment on EUROTOP 771 A and 881 A

- Adjusting both rotors lets you adjust the swath placement and working width.

Hydraulic working width adjustment on EUROTOP 611 A / 691 A and 801 A

- Single swath (night swaths), double swath.



Hydraulic swath curtain lift system



Hydraulic working width and swath width adjustment



Hydraulic working width adjustment



Transport – safe and easy

Changing from one field to the next puts the chassis of trailed rakes under a great deal of pressure. The Pöttinger solution is a combined chassis for field work and transport. Changing between the working and transport positions has been well thought out – it is quick and easy to adapt.

Time is money. Changing to the road transport position has got to be quick.

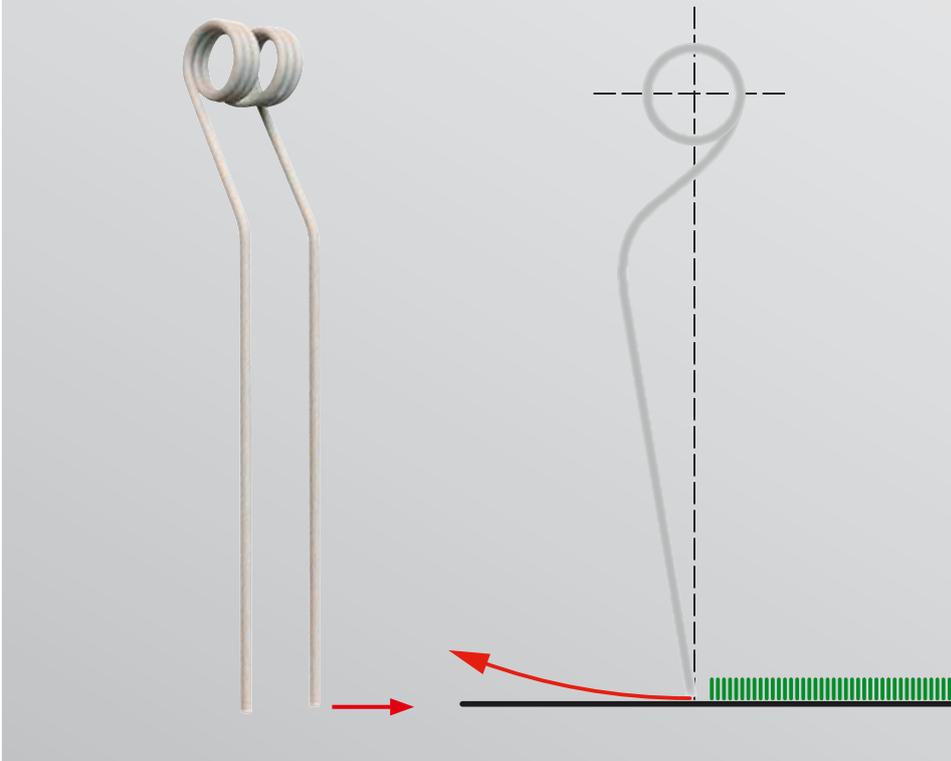
- Remove the lynch pins, remove the tine arms – slot into the storage mountings – secure in place.
- The tines are stowed away tidily and secured in place by lynch pins.





Tines for precision operation

- Robust tines with an optimal tine form ensure the tine point is directly in line with the tine arm. The tines do not lift away from ground when put under load by the ground or forage – the rake operates with precision.
- Because the tines do not need to exert high pressure on the ground, there is less stress on the cam track and cam rollers. Forage contamination is reduced, forming consistent swaths without lumps.
- The tines are drawn out of the swath cleanly without flicking material.



Transport chassis on EUROTOP 421 A, 461 A, 611 A and 691 A

- Pöttinger equips most rakes with tandem axles which can also be used for road transport. These run really smoothly both during operation and road transport.
- The tandem axles are fitted with floatation tyres which make high travelling speeds possible.
- The rotors are lifted hydraulically to drive over swaths, or at headland turns – 1.64' / 500 mm of ground clearance.



1.64' / 500 mm ground clearance
at headland turns

EUROTOP 340 / 340 N / 340 U EUROTOP 380 N



Single-rotor rakes

Single-rotor rakes are available in working widths between 9.19' / 2.80 m and 15.1' / 4.60 m. The ideal rakes for small fields. Robust headstocks and huge flotation tyres make for smooth and high capacity operation.

EUROTOP 340 N / 380 N

- 10 arms, working width 11.15' / 12.47' / 3.40 m / 3.80 m
- The cost-effective alternative for smaller farms.
- Rakes with pivoting headstocks follow in the tractor's tracks. The machine automatically pivots into the central position when lifted.
- Shock absorbers (optional) stabilise the rake and prevent it swaying on slopes. The shock absorbing struts keep the rake straight when operating across slopes.





EUROTOP 340 U – rigid mounting the universal, neat solution

- 10 arms, working width 3.40 m / 11'2"
- Versatile mountings for forwards or reverse drive enhance forage crop farming operations. The tractor does not drive over the crop, leaving the forage clean even on marshy, damp meadowland.
- The shock absorbing struts keep the rake straight when operating across slopes.



EUROTOP 421 N

- three-point linkage mounted with pivoting headstock, 12 arms, working width 13.77' / 4.20 m.

EUROTOP 461 N

- three-point linkage mounted with pivoting headstock with rubber-mounted lower linkage pins, 12 arms, working width 15.1' / 4.60 m.



EUROTOP 421 A / 461 A



Single-rotor rakes for higher performance

The single-rotor rake is still the best solution for small areas. For big performance with small tractors, the EUROTOP 421 A and 461 A are also available as trailed versions.

EUROTOP 421 A / 461 A

- Trailed version, 12 arms, working width 13.77' / 4.20 m or 15.1' / 4.60 m.
- The drawbar is equipped with a clevis plate to provide extra stability on slopes and while cornering.
- The unit is raised hydraulically for transport. Hydraulic cylinders on the chassis and drawbar provide the necessary ground clearance.
- three-point linkage mounted with pivoting headstock, 12 arms, working width 13.77' / 4.20 m.
- three-point linkage mounted with pivoting headstock with rubber-mounted lower linkage pins, 12 arms, working width 15.1' / 4.60 m.

EUROTOP 611 A / 691 A



Twin rotor rakes with side swath placement

The twin rotor rake is becoming more and more popular due to its economic price and excellent manoeuvrability.

These side-delivery rakes can be used to rake a large single swath or two small night swaths. Configuration changes and headland sequence are hydraulic.

EUROTOP 611 A

12 arms per rotor, working width 11.15' to 20.3' / 3.40 to 6.20 m.

EUROTOP 691 A

12 arms per rotor, working width 13.78' to 22.64' / 4.20 to 6.90 m.





Absolute adaptability

- The frame is designed so that the two rotor units can ride over uneven ground completely independently of each other.
- Vertical freedom of movement is provided by a joint directly behind the input gearbox.
- Transverse movement of the rear rotor unit is enabled by a pivot bearing mounted within the frame itself, and by a universal joint between the rear frame beam and the rotor unit.



A joy to drive

- These rakes are fitted with 18.5 x 8.5-8 6 PR floatation tyres as standard.
- The tandem axle chassis makes these rakes extremely smooth running.
- The rotors are raised hydraulically for transport, providing a ground clearance of 19.7" / 500 mm!



EUROTOP 651 A



Twin rotor side rakes with transport chassis

Multi-purpose, manoeuvrable, convenient

Twin rotor side rakes are ideal for arable forage cash crops and high productivity harvesting systems. The important factors are an optimum initial setup combined with the greatest freedom of movement of each rotor to adapt to the ground surface.

EUROTOP 651 A

10 + 12 arms per rotor, twin rotor rake with side swath placement and a fixed working width of 21.0' / 6.40 m. The cost-effective alternative to steered transport chassis.

Convenient operation

The rake is operated from the tractor's seat using a single-acting cylinder. For turning and transport, both rotors are raised one after the other controlled by a sequence valve.

Robust frame, steered chassis

- Steered accurately by a linkage, the EUROTOP follows in the tractor's tracks when turning.
- This unit is extremely manoeuvrable. Fitted with large 260/70-15.3 tyres.
- Extremely straightforward driveline with universal joints, the driveshafts do not have to operate at a tight angle and the whole machine runs smoothly ensuring a long service life. Each rotor is protected individually.





The classic centre delivery rake with a fixed working width

Centre delivery rakes are well-known for their uniform, airy swath placement. It is important that the rake rakes an ideal swath for the following harvester: width, shape and distribution of weight are critical factors. Working with precision increases the harvesting performance.

EUROTOP 620 A – trailed

- 10 arms per rotor, working width 19.35' / 5.90 m.
- This manoeuvrable machine is equipped with a sturdy main frame and a length-adjustable drawbar.
- Both rotors are height-adjustable, guaranteeing fully independent ground tracking of each rotor.
- The rotors can be raised without disengaging the PTO. As the rotors are raised also the chassis lifts upwards to ensure sufficient ground clearance at headlands and on the road.

EUROTOP 881 A



Hydraulic-adjustable centre delivery rakes with variable working width

Each rake rotor is fitted with a floating tandem chassis as standard to achieve ideal results with the best combination of working width and driving speed

Centre delivery rake with hydraulically adjustable working width.

- These EUROTOP models are steered to precisely follow in the tractor's tracks.
- Extremely manoeuvrable rake, despite its size. Chassis is fitted with large 260/70-15.3 tyres. Impressive power transmission engineering: straight drivelines, smooth-running, long service life. Each rotor is protected individually.

EUROTOP 881 A

- 12 arms per rotor, working width from 25.59' to 28.21' / 7.80 to 8.60 m, infinitely adjustable.
- The EUROTOP 881 A rakes a 3.94' to 7.22' / 1.20 to 2.20 m swath.

Hydrocomfort

- The rotors are raised hydraulically to a detent for turning – plenty of ground clearance at headlands.
- The rotors are fully raised vertically for road transport, and the arms can be removed to lower the clearance height.
- Because the driveline is fitted with double universal joints the rotors can still rotate freely when raised. No risk of damage if the operator makes an error.



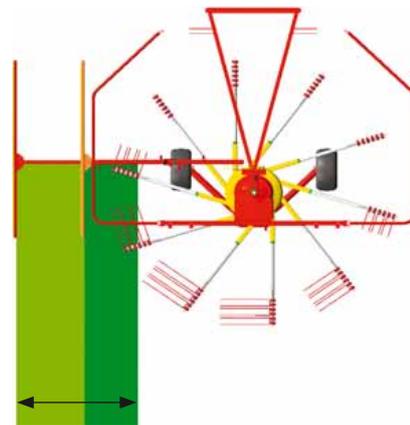
Die Ansprüche der Landwirte sind gewachsen – auch unsere Programmbreite.

Denn neben Technik für Klein- und Mittelbetriebe müssen auch die gehobenen Bedürfnisse der Lohnunternehmen und Großbetriebe erfüllt werden.

EUROTOP	Working width ft / m	Mounting	Axle	Arms per rotor
340	11.15 / 3.4	rigid	single-axle	10
340 U	11.15 / 3.4	rigid	single-axle	10
340 N	11.15 / 3.4	pivoting headstock	single-axle	10
380 N	12.47 / 3.8	pivoting headstock	single-axle	10
421 A	13.78 / 4.2	drawbar	tandem	12
421 N	13.78 / 4.2	pivoting headstock	tandem	12
461 A	15.09 / 4.6	drawbar	tandem	12
461 N	15.09 / 4.6	pivoting headstock	tandem	12

N = pivoting headstock, U = rear or front-mounted – for forwards and reverse, A = trailed

EUROTOP 340 / 340 U / 340 N



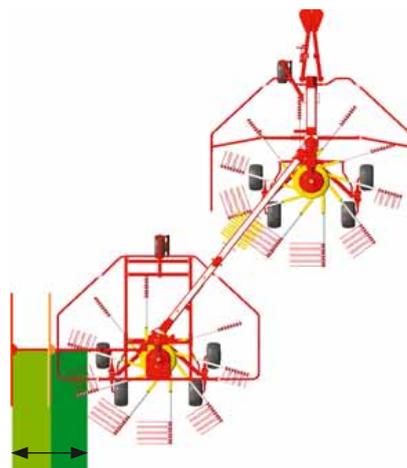
0,45 m – 1,65 m

Twin rotor rakes

EUROTOP	Working width ft / m	Mounting	Swath delivery	Axle rotor chassis	Arms per rotor
611 A	11.1 – 20.3 / 3.4 – 6.2	drawbar	side	single-axle	12 + 12
691 A	13.8 – 22.6 / 4.2 – 6.9	drawbar	side	tandem	12 + 12
651 A	21.0 / 6.40	lower linkage	side	single-axle	10 + 12
620 N	19.35 / 5.90	pivoting headstock	middle	single-axle	10 + 10
881 A	25.6 – 28.2 / 7.8 – 8.6	lower linkage	middle	tandem	12 + 12

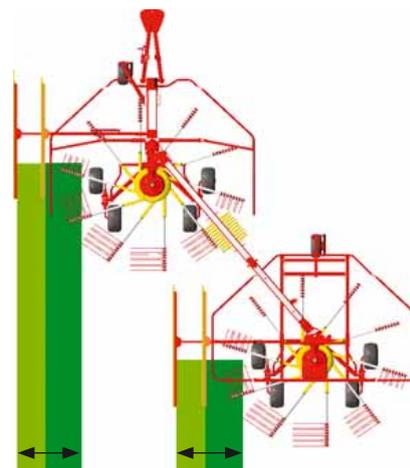
N = pivoting headstock, A = trailed

EUROTOP 611 A / 691 A



0,60 m – 1,90 m

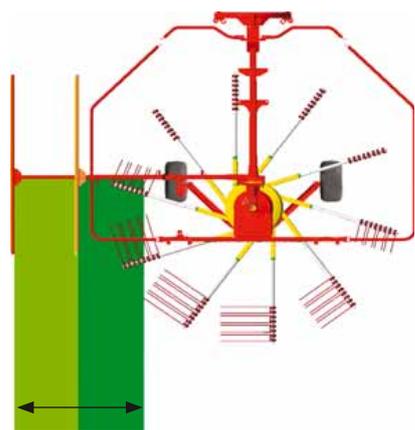
EUROTOP 611 A / 691 A



2 x 0,60 m – 1,90 m

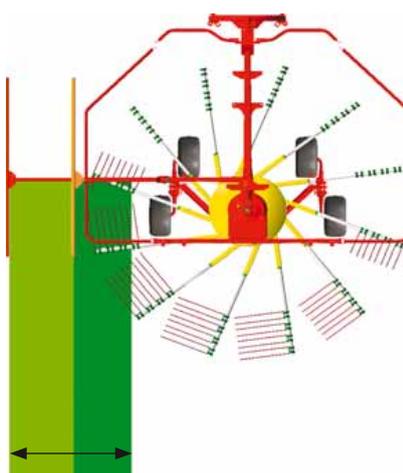
Removable arms	Dual tines per arm	Swath delivery	Rotor diameter ft / m	Transport width ft / m	Min. kW / hp	Height adjustment system	Weight lbs / kg
10	3	left	9.25 / 2.82	4.59 / 1.4	15 / 20	handcrank	728 / 330
10	3	left	9.25 / 2.82	5.48 / 1.67	15 / 20	handcrank	772 / 350
10	3 / 4 optional	left	9.25 / 2.82	5.48 / 1.67	15 / 20	handcrank	772 / 350
10	4	left	9.78 / 2.98	5.48 / 1.67	18 / 25	handcrank	838 / 380
12	4	left	10.76 / 3.28	6.89 / 2.1	15 / 20	on chassis	1499 / 680
12	4	left	10.76 / 3.28	6.43 / 1.96	29 / 40	handcrank	1191 / 540
12	4	left	11.81 / 3.6	7.74 / 2.36	15 / 20	on chassis	1841 / 835
12	4	left	11.81 / 3.6	7.74 / 2.36	35 / 50	handcrank	1499 / 680

EUROTOP 380 N



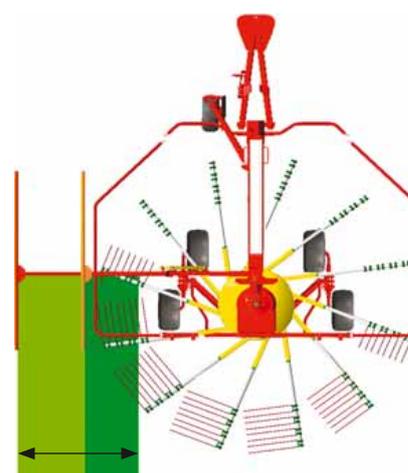
0,60 m – 1,65 m

EUROTOP 421 N / 421 A



0,60 m – 1,15 m

EUROTOP 461 N / 461 A

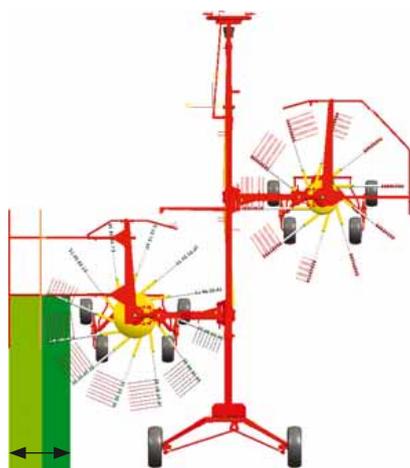


0,60 m – 1,65 m

Removable arms	Dual tines per arm	Rotor diameter ft / m	Transport width ft / m	Max. transport speed	Parking height ft / m	Min. kW/hp	Weight lbs / kg
24	4	9.78 / 2.98	6.89 / 2.1	24.8 mph / 40 km/h	3.6 / 1.1	30 / 40	3087 / 1400
24	4	10.76 / 3.28	7.87 / 2.4	24.8 mph / 40 km/h	3.6 / 1.1	37 / 50	3418 / 1550
22	4	9.78+10.33/2.98+3.15	9.35 / 2.85	24.8 mph / 40 km/h	11.29 / 3.44	37 / 50	3903 / 1770
20	3 / 4	9.25 / 2.82	8.86 / 2.7	24.8 mph / 40 km/h	9.51 / 2.9	44 / 60	1896 / 860
24	4	11.81 / 3.6	9.51 / 2.9	24.8 mph / 40 km/h	11.98 / 3.65	40 / 55	4366 / 1980

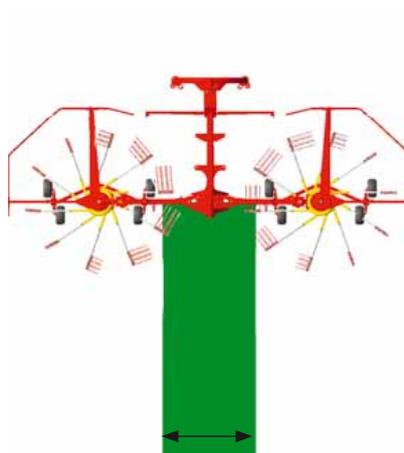
4 optional

EUROTOP 651 A



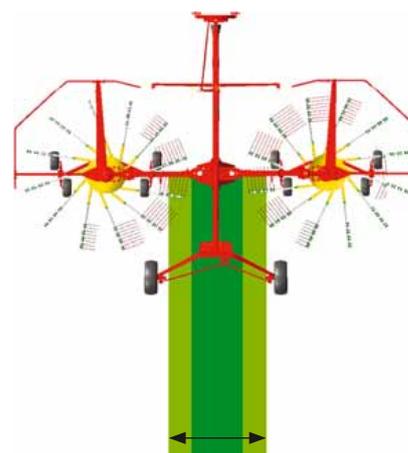
0,60 m – 1,60 m

EUROTOP 620 N



1,00 m

EUROTOP 881 A



1,20 m – 2,20 m

Options

EUROTOP	Rotor axles	Tandem-axes	Rotor wheel tyres standard / optional	Chassis tyres 260 / 70-15.3
340	pivot wheels	–	15 x 6.00-6 / 16 x 6.5-8	–
340 U	pivot wheels	–	15 x 6.00-6 / 16 x 6.5-8	–
340 N	rigid	□	15 x 6.00-6 / 16 x 6.5-8	–
380 N	rigid	□	16 x 6.5-8	–
421 A	rigid	■	18.5 x 8.5-8	–
421 N	rigid	■	16 x 6.5-8	–
461 A	rigid	■	18.5 x 8.5-8	–
461 N	rigid	■	16 x 6.5-8	–
611 A	rigid	□	18.5 x 8.5-8	–
691 A	rigid	■	18.5 x 8.5-8	–
651 A	rigid	□	16 x 6.5-8	■
620 N	rigid	□	16 x 6.5-8	–
881 A	rigid	■	16 x 6.5-8	■

■ = standard, □ = optional



Chassis steering	Hydraulic lift system	Multitast wheel	Shock absorber struts, Stabiliser strut	Swath curtains raised hydraulically	Warning signs lighting
-	-	<input type="checkbox"/>	-	-	<input type="checkbox"/> / <input type="checkbox"/>
-	-	<input type="checkbox"/>	-	-	<input type="checkbox"/> / <input type="checkbox"/>
-	-	<input type="checkbox"/>	<input type="checkbox"/> /-	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>
-	-	<input type="checkbox"/>	<input type="checkbox"/> /-	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>
-	chassis	<input type="checkbox"/>	-	<input type="checkbox"/>	■/ <input type="checkbox"/>
-	-	<input type="checkbox"/>	<input type="checkbox"/> /■	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>
-	chassis	<input type="checkbox"/>	-	<input type="checkbox"/>	■/ <input type="checkbox"/>
-	-	<input type="checkbox"/>	■/-	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>
hydraulic	chassis	<input type="checkbox"/>	-	<input type="checkbox"/>	■/■
hydraulic	chassis	<input type="checkbox"/>	-	<input type="checkbox"/>	■/■
linkage	rotor	■	-	-	■/■
-	rotor	-	■/-	-	■/■
linkage	rotor	<input type="checkbox"/>	-	-	■/■



Shock absorber struts



Stabiliser strut



All data for information only, features may vary from country to country.



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

Alois PÖTTINGER
Maschinenfabrik GmbH
Industriegelände 1
4710 Grieskirchen
Austria
Phone +43 7248 600-0
Fax +43 7248 600-2511
info@poettinger.at
www.poettinger.at

Alois POTTINGER UK Ltd.
15 St Marks Road, Corby
Northamptonshire, NN18 8AN
United Kingdom
Phone +44 844 561 0644
info.uk@pottingeruk.co.uk
www.pottingeruk.co.uk

POETTINGER Canada Inc.
650, Route 112
St-Cesaire, PQ J0L 1T0
Canada
Phone +1 450 469 5594
Fax +1 866 417 1683
sales.canada@poettinger.ca
www.poettinger.ca

POETTINGER US, Inc.
393 Pilot Drive
Valparaiso, IN 46383
USA
Phone +1 219 510-5534
Fax + 1 219 707-5412
sales.us@poettinger.us
www.poettinger.us

POETTINGER Australia PTY LTD
15 Fordson Road
Campbellfield, VIC 3061
Australia
Phone +61 3 9359 2969
sales.au@poettinger.com.au
www.poettinger.com.au

POETTINGER Ireland Ltd.
Industrial Estate
Cashel Rd., Clonmel, Co. Tipperary
Ireland
Phone +353 52 6125766
info.ie@poettinger.at
www.poettinger.ie

Importer for New Zealand:
Origin Agroup
PO Box 673, 57 Hautapu Road
Cambridge
New Zealand
Phone +64 7 823 7582
info@originagroup.co.nz
www.originagroup.co.nz

Importer for South Africa:
VALTRAC
Cnr. Water & Buiten Street
9585 Parys
South Africa
Phone +27 56 817 7338 7308
wynn@valtrac.co.za
www.valtrac.co.za

**PÖTTINGER**