

focus

Product range
for grassland
tillage and drilling



97+003.02.0810


PÖTTINGER

www.poettinger.at

Straight to the top with the very best performance

At Pöttinger we have been working hard for 140 years to ensure our customers' success. As a family-owned business, we stand for fair partnerships and solid business relations, which our customers can rely on.

We take our responsibility towards future generations very seriously and see it as our duty to develop agricultural technology with the future of agriculture and all of its aspects in mind. This is because everyone needs farming. For Pöttinger, sustainability and innovation in agriculture mean focussing on development that keeps humanity at its heart. The importance given to people at Pöttinger ensures that the highest standards are maintained when designing new products. Our aim is to produce solutions and systems which meet the requirements of the land and our customers. Pöttinger always puts their needs first and we give their desire for progress a chance to grow.

Since our employees have their roots in agriculture, they know from personal experience what is expected of agricultural machinery. A combination of employee expertise and unwavering customer focus is our basis for devising professional solutions.

The results are impressive: today Pöttinger's expertise makes the company the number one choice when it comes to ground adaptation and forage protection, alpine power, high performance capacity coupled

with high energy efficiency due to reduced diesel fuel consumption, unique paint quality and maximum machine reliability. This is thanks to Pöttinger's test centre – the most modern and unique test centre in agricultural technology throughout Europe – the Technology and Innovation Centre (TIZ). As a family-owned company, we combine these key features with dedicated personal customer service – a service which many of our customers have fondly dubbed the "Pöttinger spirit".

Pöttinger's constant willingness to improve is driven not only by customer feedback, but also encouraged by our in-house development process: our employees, the bulk of whom have roots in agriculture, are able to bring in ideas for improvement and implement them within the company. In the last year alone more than 4,000 suggestions were contributed, which equates to three out of four employees participating in the development process. 85% of these suggestions were implemented, this clearly shows Pöttinger's commitment and passion for innovation.

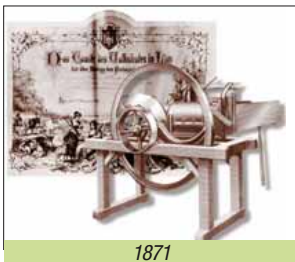
The motto "Be more successful with Pöttinger" is therefore not only a valuable promise to our customers, but also an expectation within the company of its own performance. True to the phrase "Success is not the celebration of the ashes, but the perpetuation of the fire", skill and passion for agriculture form the basis of Pöttinger's success.



Klaus Pöttinger
Klaus Pöttinger

Heinz Pöttinger
Heinz Pöttinger

A traditional yet progressive company



1871



1963



1975



1991

Pöttinger has become one of the most respected agricultural machinery manufacturers in the world since the company was established in 1871:

- The forage cutter reduced farmers' manual labour input in the company's early days. The second generation of the family manufactured a wide range of agricultural implements: mills, balers, threshers, mowers and hay loading machines.
- The motto in the 1960s was "Pöttinger brings you the green range". The company specialised in grassland mechanisation and mass-produced the Pöttinger hay rake, a revolution in hill-farming mechanisation.
- 1963 saw the ground-breaking development of the silage trailer. This resulted in Pöttinger becoming the world's largest

manufacturer of silage trailers.

- In 1975 Pöttinger acquired the Bavarian Plough Factory in Landsberg am Lech and steadily expanded its tillage range.
- 1991 – Saw the handover of the business to the fourth generation: Heinz and Klaus Pöttinger. The wide range of hay machinery was completed with highly efficient forage harvesters for large acreages.
- In 1997 Pöttinger continued its dynamic development with new semi-mounted ploughs, round balers and wrappers.
- At the start of the new millennium cost benefits and enhanced performance ushered in a change of direction in silage-making technology. In the "battle of the systems" against self-propelled forage harvesters, the silage trailer became increasingly important around the world.

Pöttinger's test centre ensures maximum machine reliability

The Pöttinger test centre, situated in the Technology and Innovation Centre (TIZ), is the cornerstone of Pöttinger's quality assurance system. The centre has been testing Pöttinger machines for their quality and practical performance under realistic operating conditions for more than five years. Research, development and implementation go hand in hand. The test centre is one of the most modern in the agricultural sector worldwide and has an excellent reputation. As a result, many international manufacturers send their products here to be tested for

their practical performance, including Airbus and many renowned car manufacturers.

The tests carried out at the centre save time and money: up to 75% compared to field trials. The performance of a machine over its entire service life, for example, can be ascertained in a short period of time, guaranteeing optimum machine reliability in practical situations. At Pöttinger, at least two prototypes are built for each new model. One prototype is tested at the TIZ and the other undergoes a practical field trial.



CONTENTS	Page
Stop Press	2 – 4
Grassland product overview	5 – 7
Mowers	8 – 9
Tedders	10 – 11
Windrowers	12 – 13
Silage trailers	14 – 15
New Products for Grassland	16 – 25
Tillage and seed drilling product overview	26 – 27
Ploughs	28 – 29
Cultivators	30 – 31
Disc harrows	32 – 33
Rotary harrows	34 – 35
Seed drills	36 – 37
New Products for Tillage and Seed Drilling	38 – 45
Users' verdicts	46 – 47
International service	48



2001



2007



2008



2009

- 2001 – the takeover of the RABE Sätechnik plant in Bernburg enabled Pöttinger to extend its tillage product range with mechanical, pneumatic and mulch drills. Pöttinger addressed the issue of sustainable soil management and added the TERRASEM mulch seed drill and the TERRADISC series of disc harrows to its arable machinery range in 2004.
- At AGRITECHNICA 2005 in Hanover, alpha-motion, the new front-mounted mower technology, was introduced – a quantum leap for precise mowing technology.
- 2007 – Commissioning of the new manufacturing plant in Vodnany, Czech Republic.
- Completion of the new customer centre in Grieskirchen: in this attractive environment, customer visits in the form of factory tours and training courses for distributors become an experi-

ence and promote relationships with our partners.

- 2007 Pöttinger is awarded a medal by the Royal Highland Agricultural Society of Scotland for its innovative electronic ISOBUS systems.
- 2008 Construction of the new assembly hall in Grieskirchen. Further expansion of the plant in Vodnany, Czech Republic. Focusing on the manufacture of tillage implements.
- 2009 Completion of the new assembly layout and opening of a modern powder-coating line in the Bernburg seed drilling centre of excellence.

Close to our customers

FOCUS



Because we are a family-owned company, proximity to our customers will always be our first priority. Pöttinger takes part in our customers' world through dialogue and partnership. This proximity and personal customer service ensures that Pöttinger can recognise the needs of its customers and implement these requirements in its development process – the only way to build a solid foundation for long-term success. The result is intelligent agricultural technology focussed on forage and soil conservation and high machine functionality – factors that are vitally important in determining a farmer's success.

Customers can experience the fascinating world of agricultural engineering up close in the Pöttinger customer centre at its headquarters in Grieskirchen. At the centre, the enormous advantages and quality of our products can be better communicated to our customers. Trained Pöttinger employees introduce visitors to the philosophy of this family-owned business and also provide an insight into the world of Pöttinger. Around 10,000 international customers and partners pass through our doors every year.

The customer centre is also doubles as training centre. As part of its advanced training initiative, the Pöttinger Academy, Pöttinger has organised a range of training events for its partners. Here, trainees gain first-hand knowledge and experience of how Pöttinger machines, control units and ISOBUS technology work. As a result, Pöttinger sales representatives can be trained in everything relating to technical service and develop their customer service skills. The training centre ensures the best possible service for you as a customer.



Pöttinger in brief

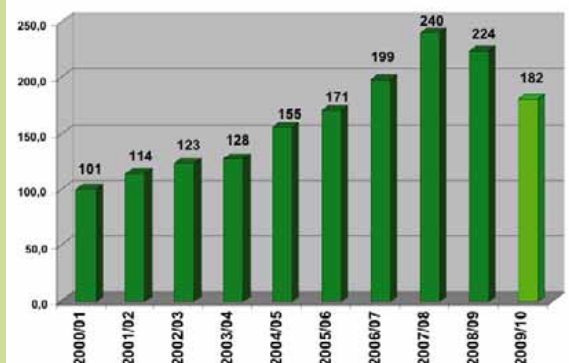
Employees: 1144

Sales: 182 million EUR, export proportion: 80%

Production centres: Headquarters in Grieskirchen (Austria), Landsberg (Germany) and Bernburg (Germany), Vodnany (Czech Republic).

Sales subsidiaries in Germany, France, Switzerland, Italy, Canada, Australia and Ukraine

Sales growth to 2009/2010
in million EURO



Perfect cutting

Disc mower

Rear disc mower with side mounting, without conditioner

NOVADISC	Working width ft/m	Performanceacre /ha/h	Mower discs	Power requirement kW/HP
225	7.21 / 2.20	5.4 / 2.2	5	30/40
265	8.59 / 2.62	6.4 / 2.6	6	37/50
305	9.97 / 3.04	7.4 / 3.0	7	44/60
350	11.35 / 3.46	8.4 / 3.4	8	52/70
400	12.72 / 3.88	9.6 / 3.9	9	59/80
NOVADISC mower combinations without conditioner				
640	6.40 m	14.8 / 6.0	2 x 5	59/80
730	23.75 / 7.24	17.3 / 7.0	2 x 6	63/85
900	17.3 / 7.0	27.2 / 11.0	2 x 8	74/100

Rear disc mower with centre mounting, without conditioner (H), with "extra dry" conditioner (ED), with roller conditioner (CRW)

NOVACAT	Working width ft/m	Performanceacre /ha/h	Mower discs	Power requirement kW/HP
225	7.21 / 2.20	5.4 / 2.2	5	37/50 / 44/60
265	8.59 / 2.62	6.4 / 2.6	6	44/60 / 52/70
305	9.97 / 3.04	7.4 / 3.0	7	52/70 / 59/80
350	11.35 / 3.46	8.4 / 3.4	8	59/80
402	12.72 / 3.88	9.6 / 3.9	9	74/100
442	14.11 / 4.30	11.1 / 4.5	10	81/110

NOVACAT mower combinations without conditioner, with "extra dry" conditioner (ED), with roller conditioner (CRW), with cross conveyor (collector)

X8	27.23 / 8.30	24.7 / 10.0	2 x 7	81/110 / 99/135
X8 collector	27.23 / 8.30	24.7 / 10.0	2 x 7	110/150
V10	28.7-31.4/8.8-9.6	29.7 / 12.0	2 x 8	99/135 / 110/150

Front disc mower without conditioner (F, classic), with "extra dry" conditioner (ED), with roller conditioner (CRW)

NOVACAT	Working width ft/m	Performanceacre /ha/h	Mower discs	Power requirement kW/HP
266	8.59 / 2.62	6.4 / 2.6	6	37/50 / 44/60
306	9.97 / 3.04	7.4 / 3.0	7	44/60 / 52/70

NOVACAT alpha-motion without conditioner, with "extra dry" conditioner (ED), with roller conditioner (RC)

261	8.59 / 2.62	6.4 / 2.6	6	40 / 55 // 48 / 65
301	9.97 / 3.04	7.4 / 3.0	7	44/60 / 52/70
351	11.35 / 3.46	8.4 / 3.4	8	52/70 / 59/80

NOVAALPIN front disc mower, extra light construction for mountain tractors and light weight tractors

226	7.21 / 2.20	5.4 / 2.2	5	19/26
266	8.59 / 2.62	6.4 / 2.6	6	22/30
306	9.97 / 3.04	7.4 / 3.0	7	37/50

Trailed disc mowers with "extra dry" conditioner (ED), with roller conditioner (RC), with cross conveyor (collector)

NOVACAT	Working width ft/m	Performanceacre /ha/h	Mower discs	Power requirement kW/HP
307 T	9.97 / 3.04	8.4 / 3.4	7	56/75
3007 T	9.97 / 3.04	8.4 / 3.4	7	56/75
3507 T	11.35 / 3.46	10.3 / 4.2	8	63/85

Drum mower

EUROCAT with centre attachment, without conditioner (H), with "extra dry" conditioner (ED), with cutting height adjustment (plus)

EUROCAT	Working width ft/m	Performanceacre /ha/h	Mower drums	Power requirement kW/HP
275	8.85 / 2.70	6.7 / 2.7	4	52/70 / 59/80
315	10.00 / 3.05	7.9 / 3.2	4	52/70

Front drum mower without conditioner (F, classic), with "extra dry" conditioner (ED), with cutting height adjustment (plus)

EUROCAT	Working width ft/m	Performanceacre /ha/h	Mower drums	Power requirement kW/HP
276	8.85 / 2.70	6.7 / 2.7	4	40/55
316	10.00 / 3.05	7.9 / 3.2	4	44/60

EUROCAT alpha-motion without conditioner, "extra dry" conditioner (ED), with cutting height adjustment (plus)

311	10.00 / 3.05	7.9 / 3.2	4	44/60 / 52/70
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Tedding, swathing, loading and baling with Pöttinger, the grassland professional

focus



Tedder

Tedder with swivelling headstock (N), rigid hitch fitting (H), as trailed machine (A), fenceline tedding device (Z)

HIT	Working width DIN	Rotors	Arms per rotor	Power requirement kW/HP
44 alpin H / N	13.12 / 4.0	4	5	11/15
470 N	14.43 / 4.4	4	6	15/20
540 N	17.06 / 5.2	4	7	26/35
610 N / NZ	18.86 / 5.75	6	5	30/40
690 N / NZ	21.16 / 6.45	6	6	33/45
800 NZ / AZ	24.44 / 7.45	6	7	37/50 / 30/40
810 N / NZ	25.26 / 7.7	8	5	40/55
910 A / N / NZ	28.21 / 8.6	8	6	45/60 / 33/45
95 A	29.52 / 9.0	8	6	37/50
105 A	33.46 / 10.2	8	6	40/55
130 A	41.69 / 12.7	10	6	48/65

Windrower

Windrower with swivelling headstock (N), as trailed machine (A)
U = for forward and reverse travel

EUROTOP	Working width ft/m	Arms	Tine pairs per arm	Power requirement kW/HP
300 alpin	9.84 / 3.0	8	3	15/20
340 U, N	11.15 / 3.4	10	3	15/20
380 N	12.46 / 3.8	10	4	18/25
421 N, A	13.77 / 4.2	12	4	29/40 / 15/20
461 N, A	15.1 / 4.6	12	4	35/50 / 18/25

Twin-rotor rakes for side swath as trailed machine

611 A	20.34 / 6.2	12 + 12	4	30/40
691 A	22.63 / 6.9	12 + 12	4	37/50
651 A	20.99 / 6.4	10 + 12	4	37/50
801 A	24.93 / 7.6	12 + 12	4	44/60
851 A	27.88 / 8.5	12 + 12	4	44/60

Twin-rotor rakes for centre swath as trailed machine

620 A	19.35 / 5.9	10 + 10	3	30/40
701 A	23.29 / 7.1	10 + 10	4	30/40
771 A	25.59 / 7.8	12 + 12	4	37/50
881 A	28.21 / 8.6	12 + 12	4	40/55
TOP 852 C	28.1 / 8.55	13 + 13	4	51/70
TOP 972 C	29.52 / 9.80	15 + 15	5	55/75

Four-rotor rake for centre swath as trailed machine

TOP 1252 C	41.01 / 12.5	4 x 13	4	66/90
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Loader wagon

Silage trailer with conveyor rockers as low loader (T), high loader (H), without beater rotors (L), with beater rotors (D)

Type	Capacity cu ft / m ³	Volume in accordance with DIN	Knives	Beater rotors
BOSS small loader wagon, from 15 kW/20 HP				
junior 17 T	600 / 17	406 / 11.5	12	–
junior 22 T	777 / 22	503 / 14.25	12	–
L 22 T	777 / 22	516 / 14.6	16	–
L 25 T	25 m ³	16,5 m ³	16	–
L 28 T	999 / 28	653 / 14.6	16	–
EUROBOSS short-cut trailer, from 44 kW/60 HP to 81 kW/110 HP				
250 T / H	883 / 25	568 / 16.1	31	–
290 T / H	1024 / 29	660 / 18.7	31	–
330 T / H	1165 / 33	752 / 21.3	31	–
330 D T / H	1165 / 33	724 / 20.5	31	3
370 T / H	1307 / 37	724 / 23.9	31	–
PRIMO silage trailer, from 52 kW/70 HP to 81 kW/110 HP / 96 kW/130 HP				
350 L	883 / 25	777 / 22	31	–
400 L	1024 / 29	900 / 25.5	31	–
450 L	1165 / 33	1006 / 28.5	31	–
500 L	1165 / 33	1112 / 31.5	31	–
Silage trailer with loading rotor, without beater rotors (L), with beater rotors (D)				
FARO silage trailer, from 63 kW/85 HP to 96 kW/130 HP				
3500 L / D	1236 / 35	777/759 / 22/21.5	27	– / 2
4000 L / D	1412 / 40	900/883 / 25.5/25	27	– / 2
4500 L	1589 / 45	1006 / 28.5	27	–
6300 L	1766 / 50	1359 / 38.5	6	–
8000 L	2225 / 63	1624 / 46	6	–
EUROPROFI silage trailer, from 74 kW/100 HP to 133 kW/180 HP				
4000 L / D	1412 / 40	900/883 / 25.5/25	31	– / 2
4500 L / D	1589 / 45	1006/989 / 28.5/28	31	– / 2
5000 L / D	1766 / 50	1112/1094 / 31.5/31	31	– / 2
TORRO silage trailer, from 100 kW/136 HP to 169 kW/230 HP				
4500 L / D	1589 / 45	971/954 / 27.5/27	39	– / 2
5100 L / D	1801 / 51	1095/1077 / 31/30.5	39	– / 2
5700 L / D	2013 / 57	1218/1201 / 34.5/34	39	– / 2
JUMBO silage trailer, from 118 kW/160 HP to 331 kW/450 HP				
6010 L / D	2119 / 60	1236/1201 / 35/34	45	– / 2
6610 L / D	2330 / 66	1377/1342 / 39/38	45	– / 2
7210 L / D	2542 / 72	1501/1465 / 42.5/41.5	45	– / 2
8010 L	2825 / 80	1642 / 46.5	45	–
10010 L	3531 / 100	1818 / 51,5	45	–
JUMBO combiline combined silage trailer				
6010 L / D	2119 / 60	1193/1141 / 33.8/32.3	45	– / 2
6610 L / D	2330 / 66	1317/1264 / 37.3/35.8	45	– / 2
7210 L / D	2542 / 72	1441/1388 / 40.8/39.3	45	– / 2
10010 L	3531 / 100	1670 / 47,3	45	–



Round balers

Round baler with fixed-chamber combination system (press rollers and bar chains)

Type	Bale width x diameter ft/m	Pickup width ft/m	Knives	Power requirement kW/HP
ROLLPROFI with fixed-chamber combination system				
3120 L	3.9x4.1/1.2x1.25	6.56 / 2.0	–	37/50
3200 LSC	3.9x4.1/1.2x1.25	6.56 / 2.0	14	44/60
ROLLPROFI bale wrapper				
	Bale size max. ft/m	Sheet width	Loading arm	Fitting
G 400 S	4.3 / 1.3 x 5.2 / 1.6	standard	Standard	Hitch



Foragers

MEX maize harvester from 96 kW/130 HP to 162 kW/220 HP				
MEX 5	rear mounted	row indep.	6.56 ft / 2.0 m	10 knives
MEX 6	trailed	row indep.	6.56 ft / 2.0 m	10 knives

Mower quality to perfection...

FOCUS



NOVAALPIN Front
226, 266, 306
NOVADISC Rear
225, 265, 305, 350, 400
**NOVADISC
Combination**
640, 730, 900



Mowers

NOVADISC – disc mower

Easy-drive disc mower without inner shoe. The cutter-bar transmission is behind the first mower disc. This means that troublesome clogging is avoided. When lowered the bar first moves outwards, thereby protecting the turf. The cutter bar is lifted via a hydraulic cylinder, the tractor linkage does not have to be activated.

Working widths: 7.21 to 29.3 ft / 2.20 to 8.92 m.

NOVACAT – disc mower with centre pivot suspension

Pöttinger disc mowers, with and without conditioners, offer a powerful and cost-effective alternative to expensive self-propelled mowers. The mowers can also be used in combination as a front/rear combination or can be pushed with three mowers on one support frame. Front-Classic-Version with short design and reduced weight due to the use of lightweight metals.

Working widths: 7.21 to 31.4 ft / 2.20 to 9.60 m.

EUROCAT – drum mower

Whereas some mower manufacturers are stopping the development of drum mowers, Pöttinger considers them to be of great importance. The large conveyor force and the associated perfect swath form are significant advantages of the drum mower, particularly in the case of large crops.

Working widths: 8.8 to 10 ft / 2.7 to 3.05 m.

NOVACAT T – trailed mower

Mower for use in the heaviest of forage crops. The three-dimensional ground hugging of the trailed mower is achieved by means of the fully-floating mower unit. The optimum spring positions mean that the mower unit is constantly being relieved of the pressure so that the turf is protected as much as possible.

Working widths: 7.21 and 11.35 ft / 3.04 and 3.46 m.

NOVACAT Rear
225, 265, 305, 350
402, 442
NOVACAT Front
266, 306
261, 301, 351
**NOVACAT
Combination**
X8, V10



EUROCAT Rear
275, 315
EUROCAT Front
276, 316
311



**NOVACAT T
Trailed**
307 T, 3007 T, 3507 T





The protective mowing process provides the basis for high forage quality. Best-possible ground hugging, minimal losses and precision when working without time-consuming operation are justifiable demands of the industry. Design details and functions of machines make a considerable contribution to the production of quality forage. First-class cutting quality, manoeuvrability and stability are trademarks of Pöttinger mowers.

PÖTTINGER TECHNOLOGY IN DETAIL

Blade quick-change system

- Faster and easier changing of blades
- Blade holders bolted for cost-effective maintenance
- On all disc mowers as standard



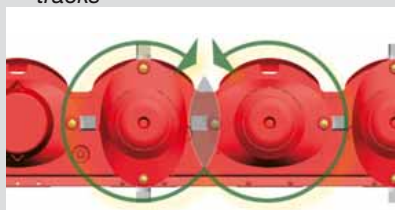
“extra dry” Conditioner

- With wide spreading or swath formation
- Flexible conditioner intensity settings
- Increase in forage energy



Disc mower bar – the new dimension

- Greater conveyor force and the associated easy-to-drive characteristics over flattened conical surfaces on the mower disc
- Optimised blade overlap area with best separation of soil and forage
- Optimised overlapping of blade tracks



The effective rear mower load release

- Centre pivot mounting – load release across entire mowing width
- Strong tension springs guarantee even pressure – “floating cut”



New: RC roller conditioner

- The rollers intermesh to uniformly crimp the stalks and produce a uniform blanket of forage
- Both rollers are driven



“alpha-motion” – unique attachment headstock for front mowers

- Support frame and connection rods react to every change in the terrain
- For tractors between 70 and 360 HP – regardless of model

- and size of the front linkage
- Large springs ensure an even movement of the mowing unit over a distance of 20 in / 500 mm.
- Extremely free-moving and turf protection



Tölle, contractors in Schieder – Schwalenberg (Northern Germany)

For mowing we rely on two new NOVACAT X8 ED high-performance mower combinations from Pöttinger. The NOVACAT X8 ED combinations are used with NOVACAT 306 alpha motion mowers and one of the combinations is equipped so that next year it can be fitted with a collector cross conveyor belt.

Above all, these machines provide sensational mowing quality and are the best, most reliable mowers on the market today.

Stability and excellent tedding quality

focus



HIT
44 alpin, 470, 540



HIT tedders

HIT – 4-rotor tedder

The highest requirements of small and medium-sized operation have been put into effect in the 4-rotor tedder. Also designed for terrain with extreme gradients, the tedders are characterised by their short headstock and the small diameter of the rotors. Ultimate compactness.

Working widths (DIN) of 13.12 / 17.06 ft / 4.0 to 5.20 m.

HIT – 6-rotor tedder

The tedder series for farmers who value high specifications and ease of use. The HIT 610 features a particularly short headstock. The centre of gravity is brought closer to the tractor, resulting in greater stability. Small rotor diameters of 1.3 m (50 in.) guarantee exceptional ground adaptation, better forage collection and a more uniform distribution pattern.

Working widths (DIN) of 18.86 to 24.44 ft / 5.75 to 7.45 m

HIT – 8-rotor tedder

The professional machine for the highest requirements. Convenience of operation so that work becomes a pleasure. The power coupling with extra strong fingers withstands even extreme conditions of use.

Working widths (DIN) of 25.26 to 28.21 ft / 7.70 to 8,60 m.

HIT – trailed 8- and 10-rotor tedder

Perfect ground hugging because both machine halves are self-adjusting.

Working widths (DIN): 29.52 to 41.69 ft / 9.0 to 12.7 m.

HIT
610, 690, 800



HIT
810, 910



HIT
95, 105, 130





The HIT tedder rotor is characterised by its perfect ground hugging. The wide wheels, which greatly improve slope efficiency, are also a big plus point for Pöttinger.

High manufacturing quality guarantees a long service life. The tedder range is equipped with precise and quality components. The use of spherical graphite cast iron hinges, large steel rotor dishes, robust swivel joints and the best paint quality all speak for themselves.

PÖTTINGER TECHNOLOGY IN DETAIL

Multitast jockey wheel for perfect ground hugging

- The multitast jockey wheel on the frame ensures accurate working position and best ground hugging
- Ground tracking of the self-aligning machine halves on EUROHIT 95, 105 and 130



Technology similar to 4-wheel-drive axles

- Sealed-for-life joints reduce maintenance requirements
- HIT double articulated joints can be found in every pivoting drive shaft
- The rotors are free to move and non-pressured in every work setting



“Heavy duty” tine protection

- The arched mounting for the “heavy-duty” tines provides support during operation and makes the tines more robust
- The durability of the tines is increased significantly
- The integral protection against tine loss reduces the risk of broken parts becoming caught up in the harvesting process



Huge tine arms

- Large flat-bar steel
- Bolted joints secure and firmly seated



Damping bars

- Double-effect dampers for best centre alignment



Support disc in rotor plate

- Increase in strength of the tine-arm attachment
- No distortion with heavy crops



Johann Paul Reitshamer from Lochen, Austria

I manage a purely grassland farm with dairy cattle. I have been a long standing Pöttinger customer and am really happy with their machines. I have a BOSS 3 self-loading trailer, a HIT 69 NZ tedder and the TOP 881 twin-rotor rake. I have recently added a EUROCAT 316 classic front mower and NOVADISC 305 rear mower to my fleet. I am a passionate fan of Pöttinger, because these are really good machines.

High performance windrowers ...

FOCUS



ALPINTOP
single rotor
300

EUROTOP
single rotor
340, 380, 421, 461

EUROTOP
two rotors
611, 691, 801, 851

EUROTOP
two rotors
620, 701, 771, 881
TOP
852 C, 972 C

TOP
four rotors
1252 C s-line



EUROTOP windrower

EUROTOP – single-rotor swather

The single-rotor swather continues to be the perfect machine for smaller acreages. The high performance EUROTOP 421A and 461A are available as trailed machines for small tractors.

Working widths from 9.84 to 15.09 ft / 3.0 to 4.6 m.

EUROTOP – dual windrower – side-swath

Windrowers with side swath placement can easily be adjusted to different crop conditions and crop-gathering technology.

Working widths of 11.15 to 27.88 ft / 3.4 to 8.5 m.

EUROTOP / TOP – dual windrower – centre swath

Twin-rotor centre swath windrowers are well-known for depositing the swath evenly and with plenty of air. Centre swathers deposit a swath that is uniform in width, shape and distribution for the following machine.

Working widths of 19.34 to 29.52 ft / 5.90 to 9.80 m.

TOP 1252 C – four-rotor windrower

Short harvesting windows necessitate powerful agricultural technology. The large clearing width of the 4-rotor swather means up to 20% better productivity for the subsequent harvesting process.

Working widths of 29.24 to 41 ft / 8.0 to 12.5 m.



Accurate ground hugging ensures clean forage and therefore healthy animals. Pöttinger has given its attention to this subject. Free-moving swathers with perfect ground hugging and extreme mobility meet the demands of the industry. Protective forage handling is the first priority. Windrowers with the lowest disintegration loss and minimal soil accumulation guarantee energy-rich forage and economical use of base forage.

PÖTTINGER TECHNOLOGY IN DETAIL

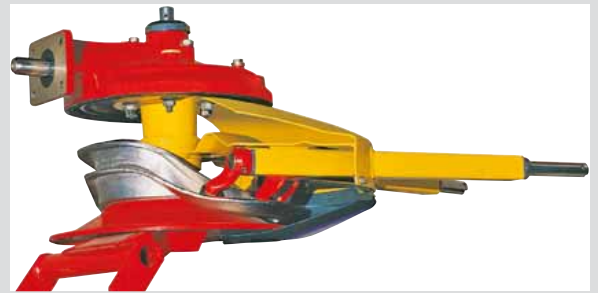
Compact rotor-lift arms for TOP 852 C/972 C

- A rotor-lifting system lifting diagonally ensures ground clearance of approximately 23.6 in / 600 mm with a true "jet effect" lift.



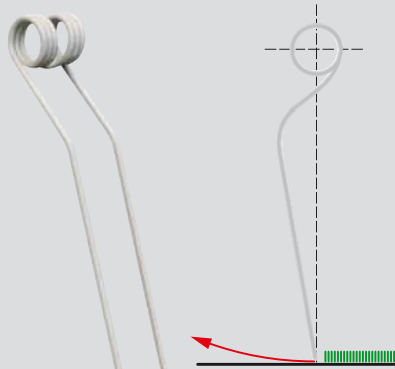
TopTech rotor – long-duration technology

- Sturdy cam track made of top-quality spheroidal graphite cast iron
- Large, hardened steel control rollers with sealed bearings – permanently lubricated
- Dust-proof enclosed cam track
- Tine-arm bearings widely spaced, affording maximum stability



Tines working with millimetre precision

- Straight tines without large offset
- Ground tracking under the tine arm – no lifting from ground on meeting resistance
- Tines are pulled gently out of the swath



Fully pivoting tandem trailer

- Facility for adjustment of transverse angle
- Greater distance between wheels for best slope efficiency
- For driving speeds of up to 9.3 mph / 15 km/h



Multitast jockey wheel – pure ground hugging

- Just in front of each rotor a leading jockey wheel ensures perfect ground hugging



Lidauer-Papst KG, a farming collective from Wolfsegg (Austria): recently began using the TOP 1252 four-rotor windrower 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.

Pöttinger the world number 1 in silage trailers

focus



BOSS junior 17, 22
BOSS L 22, 25, 28
EUROBOSS
250, 290, 330, 370



PRIMO
350, 400, 450
500



Self-loading and silage trailers

Self loading/silage trailers with conveyor arms

BOSS / EUROBOSS from 20 – 110 HP

Even in small operations, the highest quality of forage must be maintained. High forage quality ensures more earnings. The BOSS and EUROBOSS self-loading trailer category distinguishes itself with ease of use and forage protection. EUROBOSS 330 D with metered unloading.
183 to 1306 cu ft / 17 to 37 m³ loading volume.

PRIMO from 70 – 130 HP

Power, durability and low power requirements are features of these self-loading trailers with *1412 to 2225 cu ft / 40 to 63 m³ of loading volume.*

Silage trailer with loading rotors

FARO from 85 – 130 hp

The lightest rotor trailer in its class, from *1236 to 2825 cu ft / 35 to 80 m³ of loading volume.*

EUROPROFI from 100 – 180 HP

The medium-sized silage trailer, tried-and-tested over many years, with *1412 to 1766 cu ft / 40 to 50 m³ of loading volume.*

Big silage trailer with rotor drive via input gearbox

Thanks to their cost benefits and increased performance capacity, Pöttinger silage trailers have made a breakthrough worldwide. Durable rotors, enormous loading volumes and automatic loading/unloading systems make the brand stand out.

TORRO from 1589 to 2013 cu ft / 45 to 57 m³

JUMBO from 2119 to 3531 cu ft / 60 to 100 m³

JUMBO combiline from 160 to 450 hp:

Silage trailer and high-capacity harvest trailer in one machine, from *2119 to 3531 cu ft / 60 to 100 m³*

FARO
3500, 4000, 4500
6300, 8000
EUROPROFI
4000, 4500, 5000



TORRO
4500, 5100, 5700
JUMBO
6010, 6610, 7210,
8010, 10010
JUMBO combiline
6010, 6610
7210, 10010





Pöttinger optimises performance with a system. Manoeuvrability, power and versatility characterise the range of the silage trailer market leader. The vast range, from hay-loading trailers to large-capacity silage trailers, covers the needs of farmers and agricultural contractors.

53 different models reflect the passion with which our silage trailer specialists develop their products. For every scale of operation and specific requirement, the right trailer is available, from low-loading versions for steep terrain to large-capacity silage trailers for large-scale use.

PÖTTINGER TECHNOLOGY IN DETAIL

Non-stop protection against stones

- Because of the patented knife-protection system, foreign bodies present no danger as when they hit the knife it pivots out and back in again immediately



Free-moving conveyor rockers

- Conveyor rockers are free-moving and protect the forage
- The split, overlapping conveyor combs are controlled by two cam tracks
- The 12- or 16-phase cutting sequence ensures jolt-free loading



Powerful Rotors

- The teeth on the rotors of the silage trailer are arranged in a helix, which ensures even compaction
- The optimised position of the knives in a row guarantees smooth loading and even cutting lengths



Pivoting knife bank

- The lateral pivoting of the knife bank is unique on the market
- The knives can be changed or cleaned standing up at the side of the trailer



Henrik Gregersen from Denmark

I use the JUMBO 10000 combine combined silage and harvest trailer from Pöttinger. We have 500 cows split equally between beef and milk production and addition we also stable race-horses. 1235 acres / 500 hectares of my farm is cropped, 250 acres / 100 ha is grass and another 250 acres / 100 ha corn maize. I place great importance on modernising my farm. I am absolutely satisfied with the JUMBO 10000, above all because of its huge capacity and it is really the ultimate in performance and output.

Outstanding ease of operation

- Controls for stress-free working on long days during the harvest
- Labour-saving automated workflows, data logging and diagnostic systems improve performance



POLE POSITION

FOCUS



**After five years
of great success:
Now it's even better,
even more power-
ful and features
an even more
exciting
design...**

The new alpha-motion

Your benefits at a glance

Unique ground adaptation

- Optimum protection of turf and machine
- Improvement of forage quality
- Increased working speed
- Enhanced safety

Operator-friendly design

- Aesthetically pleasing shape that still provides a clear view of the mowing area

All applications

- Solo use as front mower
- Use in mower combinations with tractors up to 265 kW/360 hp

More mowing performance

- PTO driveshaft protection with 1500 Nm
- Increased driveshaft lubrication intervals to 150 hours

Variable positioning

- Swath and wide-spreading hood
- Use with tine or roller conditioner

Pöttinger's success with innovation can be found in the NOVACAT alpha-motion and EUROCAT alpha-motion front mowers: on the alpha-motion headstock, the entire support frame adjusts to the terrain. Each movement of the mower unit controls the support frame, producing a "floating cut". This results in unique protection of the turf by perfect contouring over any terrain contour, even at high speeds and over damp soft soil. The machine of the year has now been redesigned and aesthetically refined.



NOVACAT	261	261 ED / CRW
Working width ft / m	8.59 / 2.62	8.59 / 2.62
Transport width ft / m	8.43 / 2.57	8.43 / 2.57
Number of discs	6	6
Performance acre / ha	6.4 / 2.6	6.4 / 2.6
Weight lbs / kg	1543 / 700	1874 / 850
Power requirement	40 kW / 55 HP	47 kW / 65 HP
All information is provided without obligation		



New features at a glance

NOVACAT alpha-motion front mowers were previously only available in working widths of 9.84 ft / 3 m and 11.48 ft / 3.5 m, but can also now be ordered in 8.53 ft / 2.6 m. The EUROCAT alpha-motion drum mower is available in a working width of 9.84 ft / 3 m. If desired, the EUROCAT can be equipped with smooth central cutting height adjustment for optimal ease of operation and handling. All models are available with either mowing hoods or tine conditioners, and the NOVACAT alpha-motion models can alternatively be equipped with roller conditioners.

The panels and side guards of the NOVACAT X8 and V10 mower combinations have been changed. The side guards are now one huge robust moulded steel part, which can fold hydraulically if desired. The intensity of the tine conditioners have been optimised, and the forage is spread more evenly and loosely thanks to the raised hood. Even ease of service has been significantly improved. The driveshaft lubrication intervals have been increased to 150 hours, with the driveshaft being more accessible and can be serviced with ease. A practical blade box provides space for spare blades and is carried on board for quick blade replacement.



301	301 ED / RC	351	351 ED / RC
9.97 / 3.04	9.97 / 3.04	11.35 / 3.46	11.35 / 3.46
9.78 / 2.98	9.78 / 2.98	11.22 / 3,42	11.22 / 3,42
7	7	8	8
7.4 / 3.0	7.4 / 3.0	8.4 / 3.4	8.4 / 3.4
1885 / 855	2271 / 1030	2183 / 990	2634 / 1195
4 kW / 60 HP	52 kW / 70 HP	52 kW / 70 HP	59 kW / 80 HP

EUROCAT	311 / 311 plus	311 plus ED
Working width ft / m	10.00 / 3.05	10.00 / 3.05
Transport width ft / m	9.84 / 3.0	9.84 / 3.0
Number of drums	4	4
Performance acre /ha	7.9 / 3.2	7.9 / 3.2
Weight lbs / kg	1918 / 870	2359 / 1070
Power requirement	40 kW / 55 HP	47 kW / 65 HP
All information is provided without obligation		

Increased performance for rear mowers

FOCUS



NOVACAT 402 / NOVACAT 442 High performance rear mowers

Your benefits at a glance

Perfect linkage

- Hydraulic lower link rocker for simple coupling
- No adjustment of linkage drop arms required
- Main frame is always correctly positioned, meaning that ground pressure is always correct
- Always sufficient clearance when raised

Hydraulic ground pressure system

- Ground pressure can be read from the pressure gauge

Narrower, lower transport

- Mower is swung hydraulically to the rear for transport

Easy service

- Front guard is folded up for servicing work

Models 402 and 442, with working widths of 12.73 ft / 3.88 m and 14.11 ft / 4.30 m respectively, have joined the NOVACAT rear mower family. The NOVACAT 402 and 442 enable tractors without front linkage to achieve a high mowing output.

The hydraulic lower link rocker ensures simple coupling without having to adjust the linkage drop arms on the tractor, meaning on the one hand that the correct ground pressure is always applied and on the other that there is excellent clearance at headlands (19.69 in / 500 mm inside) and when travelling on roads.

The mower is swung hydraulically to the rear for transport. The pivot device also doubles as the breakaway device to protect the machine from collision.

Paddles fitted to the discs ensure good swath positioning and a tidy crop flow. Two feed drums (optional) enable splitting. As a result, the tractor is driven over the forage-free area rather than the swath.

NOVACAT	402	442
Working width ft/m	12.73 / 3.88	14.11 / 4.30
Number of discs	9	10
Performance ac/ha	9.88 / 4	11.12 / 4.5
Weight lbs / kg	2160 / 980	2359 / 1070
All information is provided without obligation		





New: NOVACAT X8 collector with roller conditioner

Flexibility is a necessity during the harvest. Get power and variable swath positioning with the “collector” cross conveyor belt.

The conveyor belt has its own built-in hydraulics, meaning no added load on the tractor’s hydraulics system. Infinitely adjustable belt speed control and accelerator rollers for the “collector” are optionally available.

The weight of both belts is carried by its own spring suspension, so that the mower units’ ground adaptation is not impaired.

The cross conveyor belt is coupled to the existing three-point linkage and can be quickly detached and stored on its own parking legs.

RC roller conditioner

The robust central tube has a diameter of 5.51 in / 140 mm and a wall thickness of 0.22 in / 5.6 mm.

The polyurethane roller profile with an external diameter of 7.87 ft / 200 mm is vulcanised onto the central tube. The conditioner profiles are harder than rubber and therefore wear rates are reduced. The segments cannot twist.

The stub shafts are bolted and therefore easy to replace if necessary.

Your benefits at a glance

Maximum power

- Driven by a drive belt on the bottom roller (1000 rpm) and a chain to the top roller
- Height-adjustable top roller, pressure adjustable via spiral spring, variable roller spacing
- Chain lubrication via oil pump (lubrication on lifting at headlands)



NOVACAT with RC roller conditioner

- 305 H RC
- 301 alpha-motion RC / 351 alpha-motion RC
- X8 RC, X8 RC collector / V10 RC
- 307 / 3007 T RC, 307 / 3007 T RC collector
- 3507 T RC, 3507 T RC collector

The swath giants ...

FOCUS



Heavy swath TOP 852 C / 972 C The new S-line generation

Your benefits at a glance

Extremely durable thanks to robust design

- Robust frame construction
- Large TopTech rotors

Perfect ground adaptation for clean forage

- Leading multitast wheel – offset wheel mount, no tools necessary
- Adjustable rotor-camber settings

Compact rotor lift arms for lifting both rotors

- Rotor lifts to the rear diagonally
- 600 mm (23.6 in.) ground clearance on headland
- No interference when crossing swaths
- Windrower height after tine arm removal is 10.83 ft / 3.30 m or 12.6 ft / 3.85 m

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 subsequent machinery.

The transport height of even the large diameter rotors is

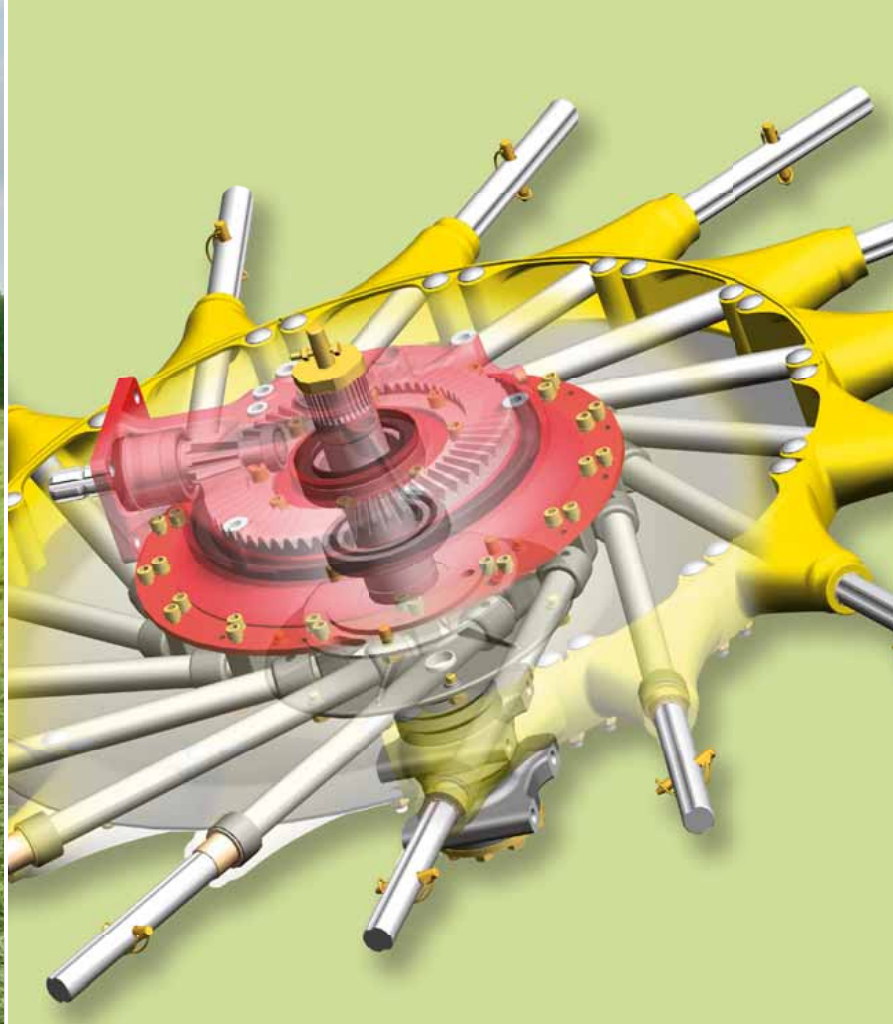
13.1 ft / 3.99 m or 16.1 ft / 4.9 m without detaching the tine arms, which frequently makes changing fields possible without leaving the tractor. After removing the tine arms, the height is still no more than 10.83 ft / 3.30 m or 12.6 ft / 3.85 m.

The robust frame construction and the large rotors are designed to cope with the harshest operating conditions.



Masters of ground adaptation

Hinged rotor mountings, tandem axles with a tyre size of 18.5 x 8.5-8 and the leading multitast wheel ensure that the tines are precisely controlled. The result is clean sweeping with simultaneous turf protection. A dual depth wheel within the rotor can be added at your request. This ground adaptation technology will cope with the most



stringent demands. The position of the multitast wheels can be adapted to particular situations using offset wheel mounts, no tools necessary.



DuraTec rotors – tried-and-tested technology from Pöttinger

No oil checks or oil changes are needed in the sealed, dustproof cam-track unit – thus no leakage problems. The rotor gearbox itself is also sealed for life and is permanently lubricated in low-viscosity grease. The steel control rollers are maintenance-free and designed for a long service life. The wide spacing of the tine arms' bearings guarantees high strength in a Pöttinger system which has been successfully proven over many years.

TOP 1252 C s-line

In its new four-rotor windrower, Pöttinger has developed a unique hybrid drive technology: hydraulic at the front, mechanical at the rear. 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.



TOP S-line	852 C	972 C	1252 C
	Central swath	Central swath	Central swath
Working width ft / m	25.4 – 28.1 / 7.75 – 8.55	29.5 – 32.2 / 9.0 – 9.80	26.3 – 41.0 / 8.0 – 12.50
Tine arms	2 x 13	2 x 15	4 x 13
Transport width ft / m	9.68 / 2.95	9.68 / 2.95	9.84 / 3.0
Transport height ft / m	10.83 / 3.30	12.6 / 3.85	13.12 / 4.0
Power requirement	51 kW / 70 HP	55 kW / 75 HP	66 kW / 90 HP
Running gear tyres	380/55 - 17	150/55 - 17	500/50-17
Weight lbs / kg	6173 / 2800	7143 / 3240	11905 / 5400
All information is provided without obligation			

Performance with a system

FOCUS



Pöttinger's energy-saving system: power, energy efficiency and ease of operation

Your benefits at a glance

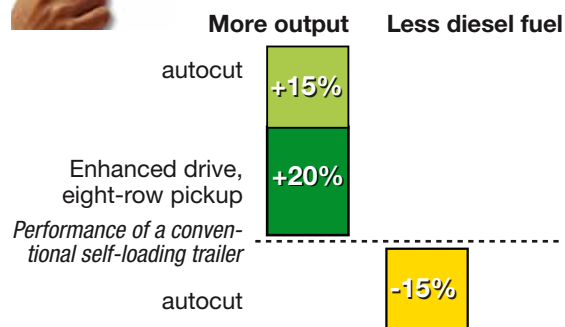
Straight to the top with the highest performance

- With the JUMBO / JUMBO combiline silage trailer you enter a new dimension in terms of power and transport capacity.
- Powerful one-man unit designed for tractors up to 331 kW / 450 HP.
- Up to 20% more performance with eight-row pickup and enhanced drive
- Up to 15% more output with "autocut" knife sharpening system
- Up to 15% less diesel fuel consumption.

Sharpen your knives at the touch of a button



The silage trailer controls the tractor: intelligent self-loading trailer combination



JUMBO	6010	6610	7210	8010	10010	6010	6610	7210	10010
Capacity cu ft / m ³	2119 / 60	2330 / 66	2542 / 72	2825 / 80	3531 / 100	2119 / 60	2330 / 66	2542 / 72	3531 / 100
Volume in accordance with DIN	35 / 34	39 / 38	42,5 / 41,5	46,5	50	33,8 / 32,3	37,3 / 35,8	40,8 / 39,3	47,3
Pickup width ft / m	6.56 / 2.0								
Knives	45								
Chop length	1.34 in / 34 mm								
Control	Power Control								

All information is provided without obligation



World first

autocut



One-of-a-kind: fully automatic knife sharpening system for all JUMBO models

Your benefits at a glance

Best cutting quality

- The forage is cleanly cut and not damaged

Lower power demand

- Reduction in fuel consumption
- Increase in output
- Better cost-effectiveness

Reduction of maintenance expenses

- Fully automatic sharpening of the complete blade set in a 4 minute cycle
- Reduction in maintenance costs for 45 knives, approximately 45 minutes per grinding procedure



Knife sharpening directly on the silage trailer

The knife sharpener allows for convenient knife sharpening directly on the silage trailer during routine maintenance. This considerably reduces maintenance costs and at the same time guarantees long-lasting optimal cutting quality with reduced energy consumption and increased output.

Removing the knives for sharpening, which formerly took place only once a day, thereby impairing the cutting quality, has now come to an end. In intensive work situations of over 10 to 20 hours per day the sharpness can be inevitably reduced. This then increases power demands and fuel consumption up to 15%, in stony areas up to 20%. With the new blade-sharpening system the sharpness is maintained for the entire day simply and without compromise. This equals up to 15% more output and also up to 15% less diesel fuel consumption thanks to "autocut".

Going up:
Our mountain climbers...

FOCUS



NOVAALPIN 306 – front disc mower Lightweight and optimised

Your benefits at a glance

Suspension – sturdy yet flexible

- Centrally suspended, pendulum swing $\pm 4^\circ$
- Horizontally stable when raised

Hydraulic sideshift system

- Hydraulic sideshift of mower possible
- Sideshift can be offset a total of 15.75 in / 400 mm

Easy cutting with lightweight cutter bar

- Cutterbar suspended at each side of machine at outer paddle drum
- Outer discs are fitted with paddle drums improve forage flow



Even mountain tractors have become increasingly powerful, which is why Pöttinger is adapting its range of machines to the higher performance available.

The NOVAALPIN 306 mower, with a working width of 9.84 ft / 3 m, is joining the Alpin series, especially developed by Pöttinger. With this new addition, Pöttinger is incorporating the trend towards larger mowers even in the highly specialised Alpine area. Pöttinger has been able to keep the weight under 1102 lbs / 500 kg in spite of the machine's working width of 9.84 ft / 3 m. The highlights of the new specialist machine can be found in drive line positioned on the right, which allows for a better forward view, the strengthened linkage and large cutterbar mountings which are mounted directly over the outer discs. The mower is centrally suspended over a centred rocker, which enables movement of ± 4 degrees and is controlled via leaf springs. Sideshift movement of ± 7.87 in / 200 mm is possible with using a hydraulic cylinder via a parallelogram. The mower is also available with hydraulic folding side guards if desired.

NOVAALPIN	226	266	306
Working width ft / m	7.21 / 2.20	7.21 / 2.20	9.97 / 3.04
Mower discs	5	6	7
Performance acre / ha/h	5.4 / 2.2	6.4 / 2.6	7.4 / 3.0
Weight lbs / kg	846 / 370	882 / 400	1091 / 495
All information is provided without obligation			



BOSS junior and Boss L T – low-loaders that are right at home on slopes

Your benefits at a glance

Requirements

- Low-loading model for extreme slope efficiency
- Universal operation
- Foldable dry forage attachment

Top harvesting quality for long-term success

- Appropriate cutting length provides optimum forage structure for the rumen
- Fully automatic individual knife mount for uniform cutting quality
- Clean forage collection via tried-and-tested pickup

We at Pöttinger have developed our great expertise in silage trailer design through ongoing development work and close collaboration with customers for over 47 years. At Pöttinger we do not just concentrate on the

high-capacity silage trailers during our constant development work but also on the hill-farm and small self-loading trailers.

Pöttinger's tried-and-tested "climbers"

The hill-farm and small silage trailer sector really benefits from the Austrian family-owned company's roots: one of Pöttinger's key skills is centred on the company's special hill-farm expertise. No slope is too steep for the Pöttinger silage trailer.

The BOSS junior and BOSS L models in the low-loader design are lightweight "climbers". Their wide track and low centre of gravity ensure extremely high slope stability. Performance, reliability and ease of operation are included.

The new BOSS L 25 T has a capacity of 883 cubic ft / 25 m³ and a modern cutter bar with up to 16 knives.

BOSS	junior 17 T	junior 22 T	L 22 T	L 25 T	L 28 T
Capacity cu ft / m ³	600 / 17	777 / 22	777 / 22	883 / 25	999 / 28
Volume in accordance with DIN	406 / 11.5	503 / 14.25	516 / 14.6	583 / 16.5	653 / 18.5
Pickup width in / mm	61 / 1550	61 / 1550	65 / 1650	65 / 1650	65 / 1650
Knives max.	12	12	16	16	16
Platform height in / mm	28 / 715	28 / 715	28 / 715	29 / 735	29 / 735
Tyres	380/55-17	380/55-17	380/55-17	380/55-17	380/55-17
Weight lbs / kg	3417 / 1550	36838 / 1650	4519 / 2050	4806 / 2180	5070 / 2300

All information is provided without obligation

Tillage and drilling ...

focus



Ploughs

Standard ploughs with stepped furrow widths, as mounted plough
SERVO 25 - 55 and semi-mounted ploughs **SERVO 6.50**

	Furrows	Inter Body Distance	Up to kW/HP
SERVO 25	2 / 3 / 4	2.8/3.1/3.3 / 85/95/102	88/120
SERVO 35	3 / 4 / 5	3.1/3.3 / 95/102	103/140
SERVO 35 S	4 / 5 / 6	3.1/3.3 / 95/102	125/170
SERVO 45	4 / 5	3.1/3.3 / 95/102	125/170
SERVO 45 S	4 / 5 / 6	3.1/3.3 / 95/102	199/270
SERVO 6.50	6 / 7 / 8 / 9	3.3 / 102	265/360

SERVO plus with hydraulic furrow-width adjustment

SERVO 35	3 / 4	3.1/3.3 / 95/102	103/140
SERVO 35 S	4 / 5	3.1/3.3 / 95/102	125/170
SERVO 45	3 / 4 / 5	3.1/3.3/8 / 95/102/115	125/170
SERVO 45 S	4 / 5 / 6	3.1/3.3 / 95/102	199/270
SERVO 6.50	6 / 7 / 8 / 9	3.3 / 102	265/360

SERVO nova with hydraulic protection against stones

SERVO 25	2 / 3 / 4	2.8/3.1/3.3 / 85/95/102	88/120
SERVO 35	3 / 4 / 5	2.9/3.1/3.3 / 88/95/102	103/140
SERVO 35 S	4 / 5	2.9/3.1/3.3 / 88/95/102	125/170
SERVO 45	4 / 5	3.1/3.3 / 95/102	125/170
SERVO 45 S	4 / 5	3.1/3.3 / 95/102	199/270
SERVO 6.50	6 / 7 / 8	3.3 / 102	265/360

SERVO plus nova with hydraulic protection and furrow-width adjustment

SERVO 35	3 / 4	2.8/3.1/3.3 / 85/95/102	103/140
SERVO 35 S	4 / 5	3.1/3.3 / 95/102	125/170
SERVO 45	4 / 5	3.1 / 95	125/170
SERVO 45 S	4 / 5	3.1/3.3 / 95/102	199/270
SERVO 6.50	6 / 7 / 8	3.3 / 102	265/360



Non-stop ploughing ...

FOCUS



SERVO

25, 35, 35 S, 45, 45 S
6.50



SERVO plus

35, 35 S, 45, 45 S
6.50



SERVO nova

25, 35, 35 S, 45, 45 S
6.50



SERVO plus nova

35, 35 S, 45, 45 S
6.50



SERVO ploughs

SERVO 25 / 35 / 35 S / 45 / 45 S mounted ploughs

SERVO 25 – stable lightweight up to 88 kW/120 hp, 2 to 4 furrows

SERVO 35 – compact 103 kW/140 hp, 3 to 5 furrows

SERVO 35 S – medium-size up to 125 kW/170 hp, 3 to 6 furrows

SERVO 35 S – medium-size up to 125 kW/170 hp, 4 to 6 furrows

SERVO 45 – robust up to 125 kW/170 hp, 4 to 5 furrows

SERVO 45 S – heavy duty up to 199 kW/270 hp, 4 to 6 furrows

In SERVO series 35 to 45, the inside of the continuous plough beam, made from micro-alloyed fine-grain steel, is additionally strengthened by two bolted reinforcements. The thick walls of the plough beam guarantee a robust seat for plough leg mountings and attachments. With a large selection of modern body shapes to suit every soil type, SERVO bodies meet every requirement.

SERVO 6.50 semi-mounted plough from the new generation

The new SERVO 6.50 semi-mounted ploughs sensibly combine the characteristics of a mounted plough with those of a semi-mounted plough. Tractive powers are transferred directly to the plough beam via the main frame bearing.

SERVO 35 – 6.50 plus

Ploughs with hydraulic adjustment of furrow widths for individual adaptation to ground characteristics and working depths. Front furrow width, pulling point and additional tools adjust themselves automatically in harmony.

SERVO 25 – 6.50 nova / SERVO 35 – 6.50 plus nova

Ploughs with hydraulic stone protection. Overload protection with adjustable triggering pressure system – the pressure required to trigger the leg reduces as the leg rises. This protects the whole plough. The pressure increases again during repenetration. Each pair of plough bodies has its own hydraulic accumulator.



In many cases the plough is still the piece of equipment that fits the bill. In the case of tight crop rotation it is the plough that creates secure conditions for crop growing. Even when there is increased pressure from pests (e.g. slugs and snails), disease (e.g. fusarium in wheat after maize) or weeds (couch grass) the plough helps to ensure cost-effectiveness. Some nutrients and trace elements (e.g. phosphorus and molybdenum) are not water-soluble. For this reason it is essential that they are transported to deeper layers of soil. For these reasons Pöttinger is working single-mindedly on developments to the plough.

PÖTTINGER TECHNOLOGY IN DETAIL

SERVOMATIC setting system

- The front furrow width and the pulling point are set by separate spindles.
- The function settings of the two spindles do not affect each other – no need for subsequent correction.
- The plough reacts evenly without the need for corrective steering and has a low power requirement.
- The spindles are secure against being turned accidentally.



Plough body shapes for a great variety of soil types

- Mould boards are made of 0.31 in / 8 mm fine-grain boron steel, slats are 0.39 in / 10 mm thick.
- The leading edge can be replaced.

“Non-stop” protection against stones on NOVA ploughs

- The stone-protection element can be moved either upwards or sideways.
- The trip pressure can be set centrally for all elements.

Extra spine

- Two U-beams located on the inside to reinforce the plough beam.
- The resistance to bending is increased significantly.



Top quality materials and precise workmanship

- Best material used: LEURIT fine-grain steel and coating on all parts subject to heavy use.
- The plough beam is not welded.
- All parts subject to wear and tear are hardened. The core hardening process is a transformation hardening across the entire section of the part.



New pendular jockey and transport wheel

- Hydraulically damped and consequently swings backwards without impact.
- Depth control via two spindles or hydraulically from the tractor seat.
- Changed over into transport wheel with just a few manual adjustments.



The Fischer brothers and Hans Röthlisberger from Switzerland

Operate a SERVO 25 three-furrow plough with slatted mouldboards and features the Servomatic pulling point adjustment. The weight ratio is ideal and the build quality is great. Its impressive how little the wearing parts have worn. The plough makes a great job of producing exact furrows making ploughing a pleasure with our Pöttinger.

Airing the ground ...

FOCUS



SYNKRO stubble cultivator

Two-row mounted cultivators

SYNKRO 2600 / 3000 / 2600 S / 3000 S / 4700 SH

Easy-to-pull, two-row cultivator in short, compact design for lightweight tractors and smaller tractors. The leg clearance of 16.9 in / 430 mm and a frame height of 32.3 in / 820 mm guarantee smooth operation.

SH models with hydraulic folding.

Working width: 8.53 to 15.41 ft / 2.6 and 4.7 m.

Three-row mounted cultivators

SYNKRO 3003 / 4003 K / 5003 K

These three-row cultivators have been designed so they can be used for both shallow and deep soil cultivation (up to 11.8 in / 300 mm).

The different working depths can be set via a finely aligned pin hole matrix on the rear roller. K models with hydraulic folding.

Working width: 9.84 to 16.4 ft / 3.0 to 5.0 m

Trailed three-row cultivators

SYNKRO 5003 T / 6003 T

A transport chassis pulls the machine, resulting in less weight on the linkage protecting the tractor. The transport chassis wheels are raised while working in the field, resulting in additional weight on the tool. This ensures ground penetration is guaranteed, even in the most extreme ground conditions.

Working width: 16.4 ft and 19.68 ft / 5.0 and 6.0 m, transport width: 9.8 ft / 3.0 m.



SYNKRO
2600, 3000
SYNKRO S
2600, 3000
SYNKRO SH
4700

SYNKRO
3003
SYNKRO K
4003, 5003

SYNKRO T
5003, 6003



The classic piece of equipment for conservation in soil preparation is the cultivator. The mixing in of residue from the harvest increases the fertility of the soil and protects from erosion. SYNKRO cultivators in two- or three-row versions, with many and diverse rear rollers, create the ideal conditions for the germination of weeds, lost grain and break crops. The two SYNKRO series are designed so that they can be used for both shallow and deep soil cultivation (up to 11.8 in / 300 mm).

PÖTTINGER TECHNOLOGY IN DETAIL

Points – You have a choice

- For breaking down stubble Pöttinger recommends tools that work flat: duck wing points with quick-change system or the combined mulch wing blades.
- For deeper soil preparation there is a choice between the narrow points with quick-change system, twin heart or chisel point.
- Hard-metal share points and armoured wing blades considerably extend the service life on request.

Suited to the soil

- **Knife Ring Roller:** dry, heavy soils.
- **Cage Roller:** dry, non-sticky soils.
- **Double Cage Roller:** for even better compression.
- **Pack Ring Roller:** the perfect rotor when there are large quantities of harvest residue.
- **Roto Pack Roller:** roller for light to medium-heavy, non-sticky soils.
- **New: Rubber pack ring roller** for trailed machines

Improved mixing effect

- Curved design of the leg (on three-row cultivator) channels the flow of soil better.
- Slightly curved leading leg protectors do not roll the moved soil to the surface, they mix them in thoroughly instead.



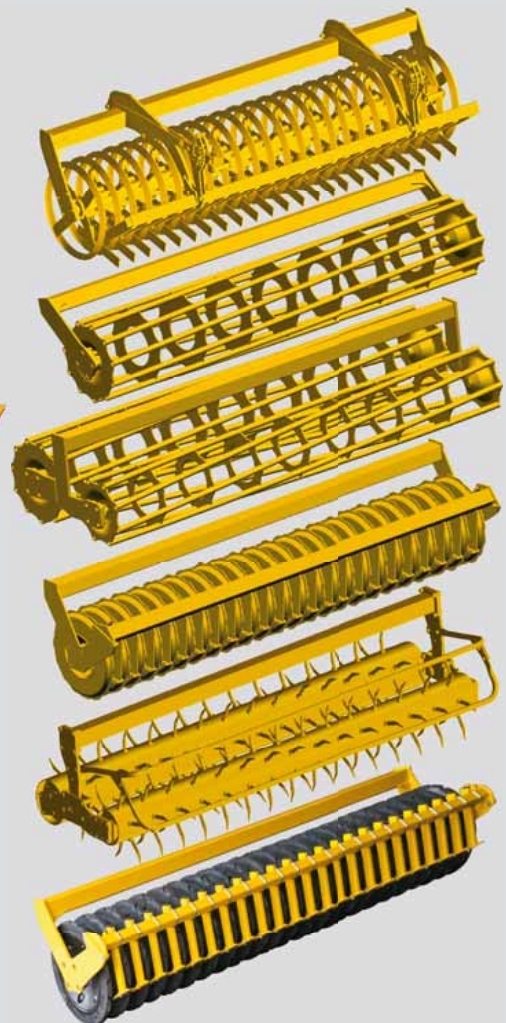
Hollow discs – best straw distribution

- Offset, height-adjustable hollow discs are known for their particularly good straw distribution.
- On the three-row cultivator the hollow discs are linked directly to adjustment of the roller.



Quick-change system

- Duck wing points and narrow points with quick-change system.
- The points can be removed for a quick replacement without the need for tools.



Soil is life ...

FOCUS



VINODISC
120, 145, 170



TERRADISC
3000, 4000



TERRADISC K
4000, 5000, 6000



TERRADISC T
4000, 5000, 6000



TERRADISC disc harrows

VINODISC for fruit and wine growing

Organic material is mixed with the soil thereby improving the fertility of the soil and reducing erosion. This preparation process also ensures that the growth of weeds is kept under control mechanically.

Extendible working widths of 3.93 to 5.5 ft / 1.2 to 1.7 m.

TERRADISC – Compact disc harrows

The short design is an important trademark of the TERRADISC compact disc harrow. The gang distance is only 31.5 in / 800 mm. With the TERRADISC disc overlap of 1.2 in / 30 mm to 4.7 in / 120 mm can be selected. The angle of the two rows of discs is identical, thus reducing the sideways pull significantly.

Working widths: 9.84 and 13.12 ft / 3.0 and 4.0 m.

TERRADISC K – foldable

The machine is folded by means of 2 double-acting cylinders with check valves.

Working widths: 13.12 to 19.68 ft / 4.0 to 6.0 m, transport width: 9.19 ft / 2.80 m.

TERRADISC T – trailed

A transport chassis carries the machine, less stress and load on the tractor lift system.

Working widths: 13.12 to 19.68 ft / 4.0 to 6.0 m, transport width: 9.84 ft / 3.0 m.



After the harvest, the harvest residues must be efficiently mixed with the soil so that the rotting process can begin early. This straw-soil mixture ensures the optimal living conditions for the soil life. The TERRADISC compact disc harrows were developed for stubble cultivation over large areas and for general seedbed preparation. Compact machines for shallow preparation with intensive mixing. VINODISC are specially designed for vine and fruit growing.

PÖTTINGER TECHNOLOGY IN DETAIL

Short in design with high clearance

- 31.5 in / 800 mm inter gang distance.
- The frame height of 31.5 in / 800 mm is very generous and avoids blockages.
- The non-distorting support frame is of a heavy-duty design.
- The two rows of discs can be adjusted in four stages using the central adjuster.
- The disc arms are bolted to the support frame.



Wide range of rollers

- **Knife Ring Roller:** perfect for dry, heavy soils.
- **Cage Roller and Double Cage Roller** for dry, non-sticky soils.
- **Pack Ring Roller:** for stony, damp soil conditions and a great deal of organic material.
- **Roto Pack Roller** for light to medium, non-sticky soils.
- **New: Rubber pack ring roller** for trailed machines



Efficient tools

- Aggressive discs with 20.1 in / 510 mm diameter are available with serrated or smooth edges.
- The two-row angular ball-bearings are permanently lubricated and maintenance-free.
- 6-fold rubber lip provides a seal.

Non-stop protection against stones

- The discs are mounted on a heavy-walled box section and run on rubber mounts.
- The rubber mounts ensure the discs avoid any foreign bodies that are encountered.



PROAGRO, s. r. o. from Bučovice, Vyškov (Czech Republic)

The TERRADISC 6000 T disc harrow works down all stubble and prepares the ground before the oil seed rape and winter grain is sown. The TERRADISC is equipped with pack ring rollers, which are ideal especially for moist conditions, producing a high quality finish without blocking. The soil is nicely worked and level. The machine works between 1483 to 1730 acres / 600 to 700 ha in one year, or even more depending on conditions and the cropping. The TERRADISC is ideal for our 280 hp tractors. Average fuel consumption when using the TERRADISC is 0.71 gallons per acre / eight litres of diesel fuel per hectare on demanding, rolling terrain.

Preparing the ground...

FOCUS



LION
251, 301



LION
3002, 4002



LION
5000, 6000



LION power harrows

The bearing housings are welded into the box section and then machined in the CNC processing centre. The result is a very precise wheelbase distance from rotor to rotor: The guarantee for extremely smooth running and a long service life.

Forging components at the Pöttinger durability centre gives reliability for many years. Strong pivot points, computer-optimised wearing parts formation and hardened steels are the trademarks of the LION rotary power harrows.

LION 251 / 301

Medium-weight model up to 132 kW/180 hp. Rigid headstock supports and main drive gear with forged coupling flange. Hardened tines, 0.47 in / 12 mm thick.

Working widths 8.2 and 9.8 ft / 2.50 m and 3.0 m

NEW: LION 3002 / 4002

Heavy-duty model for tractors up to 184 kW/250 hp. Robust rotary power harrows with particularly strong gear trough for the toughest ground conditions and highest loads. Hardened tines, 0.7 in / 18 mm thick.

Working widths 9.8 ft and 13.1 ft / 3.0 m and 4.0 m

LION 5000 / 6000 Folding Models

The large folding frame for tractors up to 199 kW/270 hp with three-speed manual transmission for reliable power transfer and a long service life. Two large-scale hydraulic cylinders fold up the rotary power harrow.

Working widths 16.4 ft and 19.7 ft / 5.0 m and 6.0 m

Transport width 8.9 ft / 2.70 m



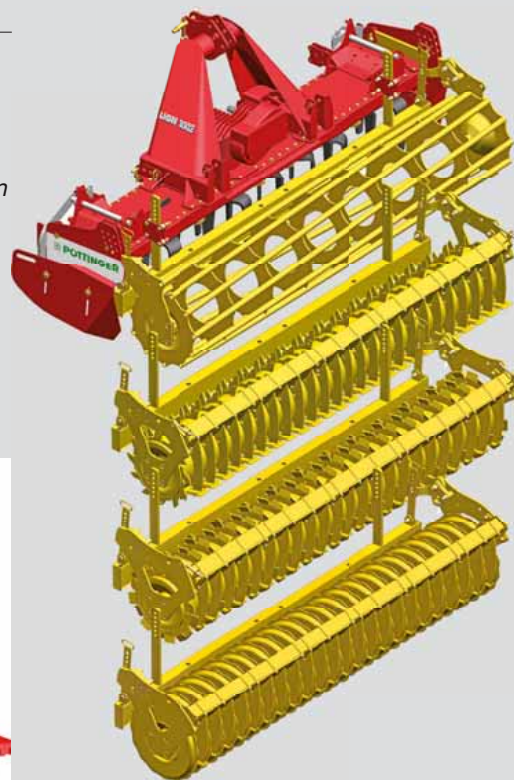
The rotary power harrow plays an important role in the Pöttinger cropping concept. The best crumbling and good mixing are the definitions of this soil processing handyman. No other device can be used so flexibly on ploughed and unploughed fields. The combination with seed drills allows the cost-conscious farmer to lower his expenses.

Pöttinger provides customised solutions for every soil and every scale of operations.

PÖTTINGER TECHNOLOGY IN DETAIL

Rollers to suit the soil

- **Packer Roller:** for all soil types, diameter 16.5 in / 420 mm, 19.7 in / 500 mm and 21.7 in / 550 mm
- **Wavy Ring Packer Roller:** heavy, clay soils, diameter 20.7 in / 525 mm
- **Pack Ring Roller:** the perfect roller where there is a lot of harvest residue and stones, diameter 21.7 in / 550 mm
- **Cage Roller:** for dry, non-sticky soils, diameter 16.5 in / 420 mm



Tines – quick-change

1. Remove lynch pins and securing pins.
 2. Remove tines.
 3. Insert new tines.
 4. Secure with pins and linchpin.
- Done!

Pins and linchpin are protected from the soil and from coming loose.



Mulch-sowing tines for LION

- Tines that can be mounted either leading or to trail behind.
- Tine position will determine that the soil is broken up from underneath.
- Fine soil particles are concentrated in the sowing area, coarser particles and harvest residue remain on the surface and protect from erosion.



The rotor drive

- The internal gusset in the trough profile serves as additional reinforcement.
- The lower bearing is seated close to the rotor head – reduced load.
- Large tapered roller bearings in forged, one-piece bearing cases.
- Strong, tempered double times attached centrally with only two bolts – makes servicing easy.



Erwin, Walter Studer and Fritz Studer from Oberösch (Switzerland)

“The LION 301 rotary power harrow from Pöttinger with packer roller features an impressive price – performance ratio, requires less fuel and is well known for its robust design. It makes a very good, level seed bed. Operation is easy; you can work at an PTO speeds of 540 to 1000 RPM without adjustment,” the Studers explain.

The best drilling – the best harvest ...

FOCUS



VITASEM
252, 302, 402



VITASEM
252 A, 302 A, 402 A



AEROSEM
3000, 4000, 4500,
5000, 6000



AEROSEM F
5000, 6000



VITASEM / AEROSEM seed drills

VITASEM – mechanical trailed seed drills

The VITASEM seed drills can be used on their own or in a combination. The seed hopper is situated close to the three point linkage, meaning that the centre of gravity is well forward and this decreases the load on the tractor linkage. *Working widths 8.2 to 13.1 ft / 2.5 to 4.0 m.*

VITASEM A – mechanical mounted seed drills

It is quick and easy to mount and de-mount the VITASEM A. When working in the field the drill is always supported directly by the roller. This means that the power harrow remains free-moving. If required a hydraulic lifting cylinder pivots the drill over the power harrow – for best positioning of the centre of gravity in relation to the tractor. *Working widths 8.2 to 13.1 ft / 2.5 to 4.0 m.*

AEROSEM – pneumatic mounted seed drills

These pneumatic seed drills are quick and easy to fit on. A quick-fit „A-frame“ with quick-locking devices ensures a secure connection. The seed hopper is positioned so that the weight is mounted very close to the tractor. *Working widths: 9.8 to 19.7 ft / 3.0 to 6.0 m.*

AEROSEM F – front hopper machines

The front hopper machines offer even weight distribution and lower power requirement (20% less). Attachment via quick-coupling systems. Only the distribution head, the seed pipes, coulter rail and the power harrow are located at the rear of the tractor. Filling height of the hopper is only 50 in / 1.28 m. *Working widths: 16.4 and 19.7 ft / 5.0 and 6.0 m.*



Unique sowing technique on mechanical drills

„Overhead sowing“: For sowing fine grain the direction of rotation of



the sowing shaft is changed (easy adjustment on side drive). Small hollows on the rear of the sowing wheel pegs take only one grain and drop it overhead into the seed funnel. Principle: sowing individual grains.

Ease of use with Compass

- Electronic tramline control
- Calibration aid
- Hectare counter and speed display
- On request: Function for monitoring sowing shaft and hopper level



By taking over the sowing technology factory in Bernburg (Germany) Pöttinger is showing its strength in this field. Pöttinger seed drills impress with the highest functionality, operational safety and performance capacity. Unique metering systems, even distribution of the seeds and ease of use are key traits of Pöttinger drilling systems. These are guarantees for reliable yields and economical success.

PÖTTINGER TECHNOLOGY IN DETAIL

New: multi-functional seed wheels

- Multi-drilling system for seed rates between 0.44 and 181 lbs/acre / 0.5 kg and 450 kg/ha.
- Three-row multi-functional drilling wheel with staggered peg rows.
- Single row fine drilling wheel separated by a slide.
- Two slides for quick conversion from normal to small seed drilling – no need to reduce speed.

Feeding continues down to the last grain

- Funnel-shaped outlets above the sowing wheels ensure that the hopper is emptied completely.
- Accurate feed of small seed.
- Even distribution even on slopes.

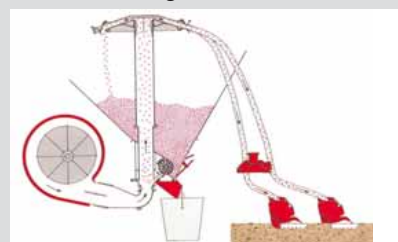


Gears – infinitely variable in oil bath

- Infinitely variable oil-bath transmission functions smoothly to drive the three-part metering wheel.
- Seed is distributed evenly even when the metering shaft is rotating at a slow speed.

The AEROSEM sowing system

- Sowing system with coarse metering wheel with 2 x 12 offset cells. On each side there are 24 fine metering cells.



Manfred Huber from Wolfers, Upper Austria

The LION 301 rotary power harrow in combination with VITASEM 302 A mounted drill is a total solution in one. The land wheel inside the working width is especially impressive, as well as the fact that the seed hopper can be emptied down to the very last seed. I am really happy with the function of the disc coulters operating both grain and soya beans.

Planting seeds at top speed ...

FOCUS



TERRASEM
R3, R4
C4, C6, C8, C9



TERRASEM – Universal seed drills...

All TERRASEM mulch seed drills combine the steps of cultivating, re-compacting and seeding the soil in a 9.8 – 29.5 ft / 3 – 9 m working width. In addition to the exact distribution of the seeds by parallel controlled DUAL DISC double-disc coulters with subsequent depth-guide press wheels, the machines impress with their unrivalled ground adaptation, central coulter pressure adjustment from 88 and 265 lbs / 40 to 120 kg per coulter, a large-volume seed tank and intelligent controls.

TERRASEM R3 / R4

TERRASEM R3 and R4 are available as rigid working-width models. A two-gang disc harrow prepares the soil.

The discs are mounted on a heavy-walled box section (SG 50). Four rubber mounts with a 40 mm diameter enable the discs to move over stones. This non-stop stone protection is absolutely maintenance free!

Working widths 9.8 and 13.1 ft / 3.0 and 4.0 m

TERRASEM C4 / C6 / C8 and C9 – folding

The three-part design provides perfect ground adaptation for large working widths. The folding disc harrow, packer and coulter rail sections follow the contours of the ground. By coupling the single coulter units via a 3-point linkage on the packer frame, each coulter unit can be adapted to the unevenness of the ground.

A four-piece hinge between the coulter rail section and packer ensures that the contours of the ground are followed exactly along the direction of travel. Wide press wheels direct the double-disc coulters for an even, exact depth positioning.

Working widths 13.1, 19.7, 26.2 and 29.53 ft / 4.0 m, 6.0 m, 8.0 m and 9.0 m



The demand for more power and efficiency is constantly increasing. The powerful universal machine, TERRASEM, can be economically incorporated into any tillage regime, whether mulch or conventional drilling. At Pöttinger the separate chassis has been replaced by a combined packing and chassis unit. The length of the machine could therefore be greatly reduced. The result: improved manoeuvrability.

PÖTTINGER TECHNOLOGY IN DETAIL

Intensive mixing in

- The disc harrow chops and mixes very well. Deeper preparation is also possible with it.
- The depth of the first row can also be adjusted independently of the depth of the second row.
- The concave discs run on twin race ball bearings. The bearings run in an oil bath and are maintenance-free.



Double-disc coulters for a neat furrow

- Each of the disc coulters is guided by a press wheel to ensure uniform seed placement depth.
- The depth is adjusted centrally with coulter pressure applied hydraulically between 88 and 265 lbs / 40 to 120 kg.
- The maintenance-free rubber mounting elements provide optimum freedom of movement for each unit.



Combined packer and chassis unit

- The chassis is fitted with wide tyres to re-compact the soil, each tyre covering 4 seed rows.
- To protect the soil the machine is supported by all wheels at headlands. The chassis frame always remains at the same height, only the disc harrow and seed coulter rails are lifted.
- On the road the machine is transported on four wheels, the two wheels in the middle are raised to improve stability.



The metering unit system – highest precision

- The metering unit is electrically driven, controlled via radar sensor or ISOBUS signal from the tractor.
- Smooth seed-rate adjustment, automatic seed-wheel gearing with pre-metering.
- Simple calibration with practical calibration sack; the calibration cover is monitored by a sensor.
- An emptying slide allows the complete emptying of the seed from the tank.



Mr.ija Stov, Kharkiv Oblast (Ukraine)

We use a Pöttinger TERRASEM C8.

In a very short time this machine sowed 2470 acres / 1000 ha of winter wheat, using just 6.0 litres per hectare (0.53 gal. per acre) of diesel fuel. The previous crop had been sunflowers and we used a direct mulch drilling process. This process clearly showed the versatility and robustness of the machine; it performed perfectly even under conditions involving harvest residue, long stems and compacted, dry soil.



Artis operation

- Operation for increased demands.
- Easy-to-use control enables direct machine and metering system control via the terminal.
- Even the operating status of the machine is monitored.

Perfect ploughing...

FOCUS



New SERVO special equipment for difficult soils and requirements

Your benefits at a glance

Hydraulic dual depth wheel – pneumatic tyre

- Both wheels adjusted evenly via cylinder
- Adjustment range of 9.84 in / 250 mm, depth display via scale
- Beam mounting or mounting at last body possible
- Tyres: 26x12.00-12 8 PR

Plastic plough body 50 RW

- Dimensions, shape equal to 46 W body
- Support strip strut (to protect the plastic body)
- Material: Robalon-S, 0.59 in / 15 mm thick
- Steel shares
- V4 R skimmer from the same material

Furrow widener for wide tyres

- Available for all plough models and body shapes
- Not available in combination with disc coulter

New plastic plough body

A large selection of modern body shapes to suit every soil type. A new addition to the range is the plastic plough body 50 RW for soils with little structure and a high proportion of organic matter, such as marsh land and peat. The Robalon-S mouldboard has been specially developed for difficult soil conditions. The skimmer is also made of the same material.

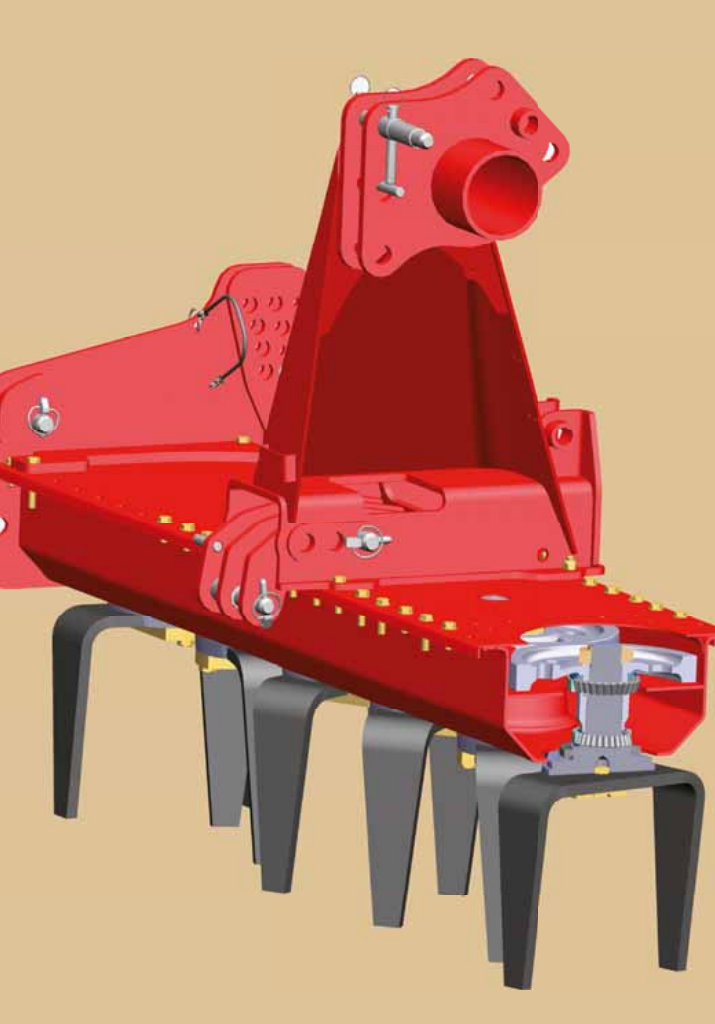
Tyre protection

If tyres 27.95 in / 710 mm or wider are used, the tyre walls constantly chafe against the edge of the furrow. This inevitably leads to wear or damage on the tyre wall. The furrow widener for wide tyres provides a solution to this problem.

Increased ease of operation

Ease of operation is also an important consideration. The pneumatic, hydraulically adjustable dual depth wheel fits the bill.





New generation of LION rotary power harrows

Maximum strength

Your benefits at a glance

Rugged headstock

- Wide-spread headstock – LION 4002 with side support
- Twin attachment lugs for Cat. II + III with integrated pivot, extendable with 3 fixing holes

Powerful transmission

- Interchangeable gear unit up to 250/184 hp/kW
- Transmission input located as far back as possible – PTO shaft as straight as possible

New gear trough

- Large box section for the highest strength
- 2.36 in / 60 mm thick rotor shafts
- Large gears and robust taper roller bearings
- Forged tine carriers integrated into casing

New generation of rollers

- The scraper bar can be adjusted from a central point and also each individual scraper is adjustable
- The rear levelling board is standard which is controlled by and linked to the rear roller adjustment – no readjustment necessary

Built for the toughest of conditions

A wide robust headstock supports dual lower links cat. II + III with floating linkage and 3 different attachment positions to suit every tractor.

The stronger and larger gear trough provides extreme strength to the gear train. The large gears and 2.36 in / 60 mm thick rotor shafts with robust taper roller bearings all make for a long service life. Cartridge sealing guarantees absolute leak-tightness of the gear trough.

Spring-loaded side deflectors (with parallelogram movement optional) prevent damming.

Rear levelling board slides inside a vertical guide – consistent distance from tines over its full range of adjustment – ensures uniform crumbling results. Height set using pin adjustment – easily accessible at each end of the levelling board.

Standard, quick-change and mulch tines are the same for the LION 3002 and 4002.



LION	3002	4002
Working width	9.84 ft / 3.0 m	13.12 ft / 4.0 m
Rotor	10	14
Working depth	11 in / 280 mm	11 in / 280 mm
Tractors up to	184 kW / 250 HP	184 kW / 250 HP
All information is provided without obligation		

New drill combinations – a strong partnership ...

FOCUS



VITASEM seed drills – 3 in 1 sowing system Perfection, seed by seed

Your benefits at a glance

New VITASEM metering

- Three-row multi-sowing wheel combined with a separate precision-sowing wheel
- Split slides for rapid change from normal to low seed rate

High volume seed hopper

- Sowing wheel sits centrally beneath the funnelled seed box hopper
- Delivery until the very last seed

Perfect seed placement

- Trailing coulter with reversing protection or toughened disc coulter with rotating scrapers
- Depth-guide rollers at your request
- Two harrow types

Easy, time-saving operation

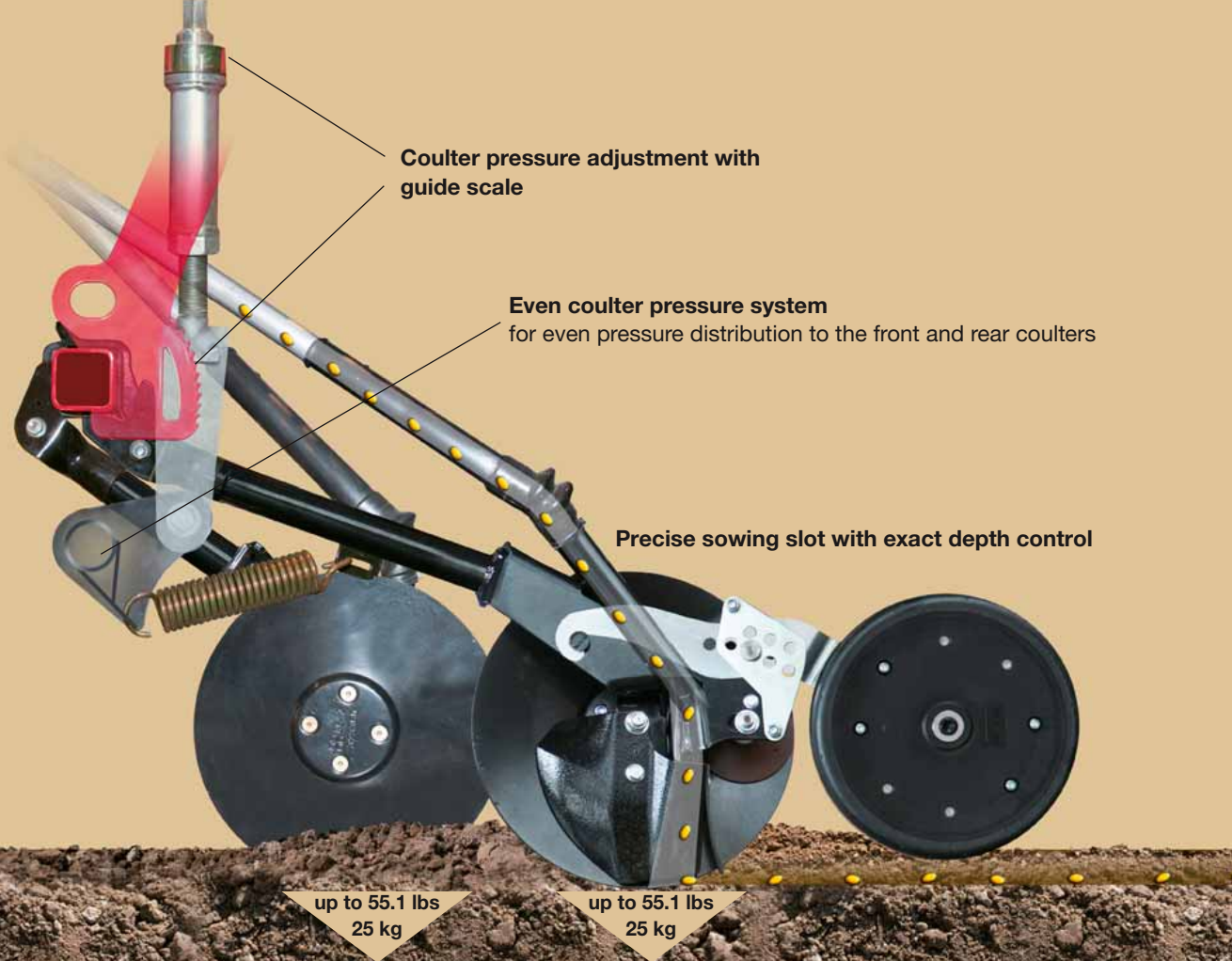
- All important functions are adjusted from the left-hand side of the drill.

Two individual metering wheels within one drill housing enable different seeds to be metered. The benefit of this innovative solution lies in a clear improvement of the drilling precision when sowing low seed rates, and additionally in the easier conversion from normal to small seed drilling. The key targets of any drilling system, i.e. reduced seed rates and optimised plant populations, are considerably improved.



The optimised shape of the metering peg ensures the highest level of seed protection. Drilling rapeseed with low seed counts per square meter is carried out with optimal plant populations.

Funnelled outlets provide for minimal residual amounts and low minimum-fill amounts. A sufficient opening angle in the bottom flap ensures that the metering area is completely emptied.



Clever new coulters system – the best placement, guaranteed

Coulters arms are secured using large clamp mountings on the coulters rails. Wide coulters arm pivots with replaceable bushes. Ability to ride over foreign bodies with up to 7.09 in / 180 mm movement upwards.

Inter coulters gang distance of 11.81 in / 300 mm ensures that large amounts of trash can pass through without blocking. Seed depth is controlled via the coulters pressure even without press wheels.

The Pöttinger disc coulters system for the best seed germination:

Concave disc coulters are the best choice for mulch drilling or when the soil includes a large amount of organic matter. Pöttinger's diagonally tracking disc coulters open the soil. The cast shoe, similar to a Suffolk coulters, prevents rotten straw and crop residues from entering the seed slot and creates a clean sowing furrow. This process guarantees even seed germination.

The Suffolk coulters is suitable for soil conditions where there are small amounts of organic matter and is fitted with a wear – Wear-resistant cast coulters tip.

"Overhead sowing"

Unique sowing technique on mechanical drills. For sowing fine grain the direction of rotation of the sowing shaft is reversed (easy adjustment on the side drive). Small hollows on the rear of the sowing wheel pegs take only one grain and drop it overhead into the seed pipe.

Principle: sowing individual grains. e.g. for small seeds, poppy, clover, etc



VITASEM	252	302	402	252 A	302 A	402 A
Working width ft / m	8.2 / 2.5	9.84 / 3.0	13.12 / 4.0	8.2 / 2.5	9.84 / 3.0	13.12 / 4.0
Drill coulters	21	25	33	20	24	32
Seed hopper gal/l	106/480	130/600 (220/1000)	186/850 (310/1400)	106/480	130/600 (220/1000)	186/850 (310/1400)
Coulters pressure up to	55 lbs / 25 kg	55 lbs / 25 kg	55 lbs / 25 kg	55 lbs / 25 kg	55 lbs / 25 kg	55 lbs / 25 kg
All information is provided without obligation						

The new concept is being implemented ...

FOCUS



TERRASEM mulch seed drills R3 / R4 / C4 / C6 / C8, new: C9

Your benefits at a glance

Strength

- Robust design
- Compact, manoeuvrable design with combined packer chassis unit.

Precise drilling

- Electric seed metering
- One distributor on R3 to C6
- Two distributors on C8 and C9

Uniform seed-placement depth

- Dual-disc coulters individually guided by press wheels with high precision
- Central coulter-pressure adjustment 88 and 265 lbs / 40 and 120 kg

Best ground tracking

- Three-part structure
- The folding disc harrow, packer and coulter rail elements follow the contours of the ground.

Tremendous performance at 9.84 to 29.53 ft / 3 to 9 m working width

The new Pöttinger TERRASEM with the unique tyre packer is compact and manoeuvrable. These universal machines can be used for both mulch drilling and conventional sowing.

The chassis with its wide tyres consolidates the soil, each tyre covering four disc coulters. At the headland, all the wheels carry the weight of the machine to protect the soil. The chassis frame always remains at the same height – only the disc harrow and disc coulter rails are lifted. On the road, the machine is transported on four wheels, the central wheels are raised to improve the ride characteristics.

The large-volume seed tank with roll-over cover holds 660 gal / 3,000 litres in the R3, R4, C4, C6 (C6 can be enlarged to 869 gal / 3,950 litres), and 880 gal / 4,000 litres (1,120 gal / 5,100 litres) in the C8 and C9. It can be filled simply using a loader bucket, Big Bag lifter or auger.





The metering system – highest precision

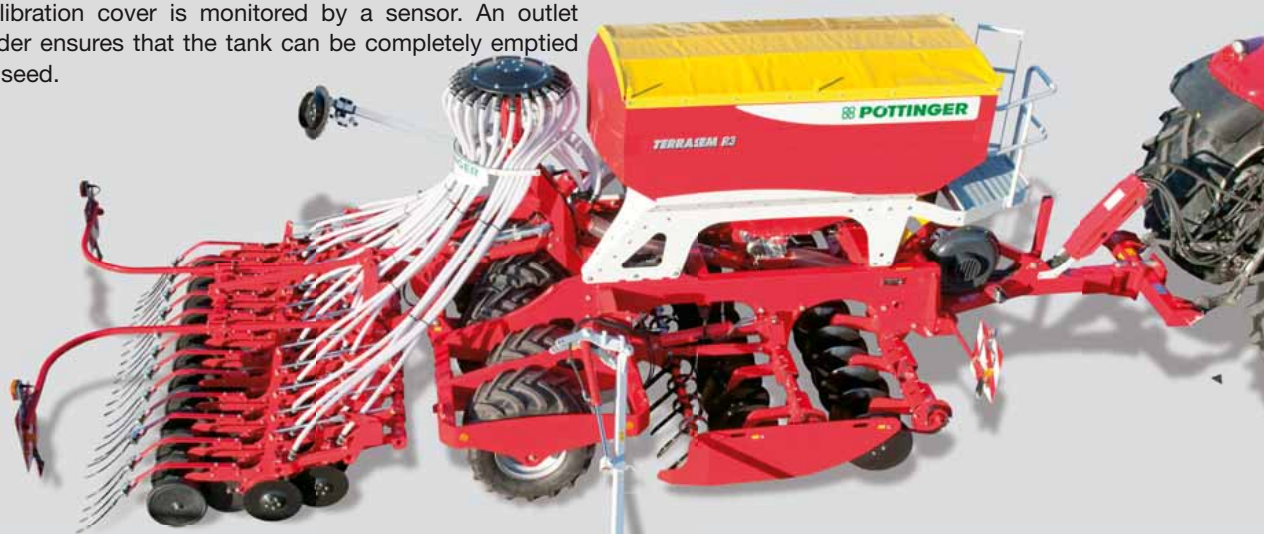
Depending on the seed rate, the metering wheel can be changed for normal or small seeds quickly and easily, as can the drive gear wheels.

The metering unit is electrically driven, controlled via radar sensor or ISOBUS signal from the tractor. Smooth seed-rate adjustment and automatic seed-wheel gearing with pre-metering.

Simple calibration with a practical calibration sack; the calibration cover is monitored by a sensor. An outlet slider ensures that the tank can be completely emptied of seed.

Coulter-rail sections for perfect drilling: double-disc coulters

Each of the disc coulters is guided by a press wheel to ensure uniform seed-placement depth. The depth is adjusted centrally with coulters pressure applied hydraulically in the range of 88 to 265 lbs / 40 to 120 kg. The maintenance-free rubber mounting elements provide optimum freedom of movement for each unit.



TERRASEM	R3	R4 /C4	C6	C8	C9
Working width	9.84 ft / 3.0 m	13.12 ft / 4.0 m	19.68 ft / 6.0 m	26.24 ft / 8.0 m	29.53 ft / 8.0 m
Transport width	9.84 ft / 3.0 m	4.0 m / 9.84 ft / 3.0 m	9.84 ft / 3.0 m	9.84 ft / 3.0 m	9.84 ft / 3.0 m
Seed coulters	24	32	48	64	70
Distributors	1	1	1	2	2
Seed hopper	660 / 870 gal / 3000 / 3950 l	660 / 870 gal / 3000 / 3950 l	660 / 870 gal / 3000 / 3950 l	880 / 1100 gal / 4000 / 5100 l	880 / 1100 gal / 4000 / 5100 l
Power requirement	88 kW / 120 HP	110 kW / 150 HP	140 kW / 190 HP	206 kW / 280 HP	235 kW / 320 HP
All information is provided without obligation					

Users' verdicts

Grassland pros ...



Engineer Jindřich Mana (Czech Republic) swears by grassland equipment from Austria

I manage 2530 acres / 1023 ha, 1010 / 408 of which is cultivated, and the rest is pasture. I raise 280 cows for non-dairy production, selling pregnant heifers, beef cattle and breeding bulls. I have nine full-time employees, and additional workers come to the farm during peak seasons.

The JUMBO self-loading trailer is one of the machines that really works for us. It did away with all of my worries concerning harvesting the heavy grass crops, which I now harvest quickly, on time and to the desired quality. In one year the JUMBO harvests 990 acres / 400 ha of silage and hay, 690 acres / 280 ha of straw and about 370 acres / 150 ha of silage for neighbouring farms. A 230 hp tractor has no problem with this trailer in conditions here, even though the terrain is very hilly and difficult. The bulk of the land is located about 1900 to 2300 ft / 580 to 700 m above sea level with the feed crops being predominately grown the very stoney soil on the slopes. I regularly use the JUMBO trailer to transport a wide variety of heavy loads: five to six tons of hay, four tons of straw and up to 17.6 sh t / 16 tons of silage, depending on its dry matter. In terms of the time spent on the forage harvest, with our previous model, a EUROPOLFI, harvesting the silage took about 10 to 12 days, whereas with the JUMBO 7200 it takes about a week, and with the **JUMBO 10000** it takes just five days. This is on land where the farthest field is located up to 4.97 miles / 8 km away. The clamp has a capacity of 1320 sh t / 1200 tons, which is equal to approx. 80 loads using a **JUMBO 10000**. Using this trailer not only improves output but also improves the cut and silage quality, because the shorter the time spent filling the clamp, the high quality of the silage is preserved. It is very important that the silage is rolled in tightly in the clamp. In practise the chop is 1.34 to 2.76 inches / 34 to 70 mm, which fully meets my requirements.

Until this year, another Pöttinger machine that served me very well in the difficult conditions was the **CAT NOVA 360 T CR**. This year we are using a mower combination of a **NOVACAT 306 alpha-motion** front mower and a **NOVACAT 305H** rear disc mower with a working width of 19.69 ft / 6 m. These machines will save time and

increase efficiency during the forage harvest. Also for mowing we use a 2001 model **CAT NOVA 310 T ED** on the farm. In 2008, we replaced the **EUROTOP 801** windrower after seven seasons with a **EUROTOP 851** with side swath with a working width of over 26.25 ft / 8 m, which is used in combination with a 80 hp tractor. The rake has proved to be reliable and can quickly and easily prepare the swathes for the JUMBO 10000.

Tapio Ylelä from Veteli (Finland)

Previously I have always made round bales of silage for my farm, which breeds dairy, beef cattle and horses. We have just upgraded to the self-loading trailer system a Pöttinger **JUMBO 10010**. As modern and efficient technology is important to me, I am happy to invest in it. I harvested two cuts of 371 – 494 acres / 150 – 200 ha each in my new machine. I currently operate the JUMBO via Power Control operation, but am considering upgrading to the improved ISOBUS control later, allowing me to make full use of the performance capability of the machine.



MROZ, a holding company from Borek Wielkopolski (Poland)

We have used every Pöttinger machine we own on our farm of 124 acres / 50 ha lucerne and 148 acres / 60 ha grass: the **NOVACAT 8600**, the mower combination with a working width of 27.23 ft / 8.3 m, the **EUROTOP 851 A** rake and a JUMBO 7200 combine as well as two **JUMBO 7200** silage trailers. All of the work was completed in exactly 1.5 days using these powerful Austrian machines. We are really pleased with them.



Tillage and drilling...

PROAGRO, s. r. o. from Bučovice, Vyškov (Czech Republic)

In the autumn of 2008, we bought a Pöttinger **TERRASEM C 6** seed drill with a working width of 19.69 ft / 6 m. We immediately used it to sow 161 acres / 65 ha of winter barley, approx. 540 acres / 220 ha of wheat, and 86 acres / 35 ha of this was mulch sowing after corn maize. In spring of this year, we used the **TERRASEM** to sow 60% of the harvest: radishes for oil



on 74 acres / 30 ha, legumes on 74 acres / 30 ha and peas on 49 acres / 20 ha.

The **TERRASEM** is very reliable. The sowing rate can be easily adjusted and the seed drill maintains it well without deviation. The sowing depth can be set and maintained at that exact setting. After adjustment, the machine is ready to go and the crops are planted evenly. It doesn't matter if the soil is soft or hard, the coulters consistently sow evenly, with the press wheels contributing greatly to the machine's success. The **TERRASEM** works in layers very well. On a good field, it can work at a speed of 6.21 to 7.46 miles / 10 to 12 km per hour, meaning that 86 to 99 acres / 35 to 40 ha can be achieved in a day. With a tank volume of 660 gal. / 3000 litres, two big bags of seed can be transported, enough for approx. 25 acres / 10 ha and the hopper can be filled in the field. We were especially impressed by the universal functionality of the seed drill, which was really noticeable when we were mulch sowing on a field from which we had just harvested corn maize. The seed drill handled the large amount of crop residue very well; it worked in the soil perfectly and to a very high standard. One day we were harvesting corn maize and the next, we were drilling the next crop. The exceptional quality and performance of the seed drill is unlike anything we have ever used from traditional farming methods. We were also able to significantly reduce the amount of time needed for the drilling.

Since this harvest, we have also relied on the **TERRADISC 6000 T** disc harrow with a working width of 19.69 ft / 6 m. It works down all of the ground and prepares the soil before the oil seed rape and winter grain is sown. The **TERRADISC** is equipped with pack ring rollers, which are ideal especially for moist conditions, producing a high quality finish without blocking. The soil surface is nicely worked and level. The machine works between 1483 to 1730 acres / 600 to 700 ha in one year, or even more

depending on conditions and cropping. The **TERRADISC** is ideal for our 280 hp tractors. Average fuel consumption when using the **TERRADISC** is eight litres of diesel fuel per hectare (0.71 gallons per acre) on demanding, rolling terrain.

Balsiger & Dummermuth, a farming collective from Freiburg (Switzerland)

Our farming collective uses six Pöttinger machines: two mowers, one tedder, one windrower, one four-furrow **SERVO 35 nova** plough and the **VITASEM A 301** drill combination with **LION 3000** rotary power harrow. We are impressed by the quality of our Pöttinger machines, as well as how easy they are to handle and their solid build quality. The drill combination works very well in sowing grass pasture. The disc coulters feature exact depth control. The **LION 3000** rotary power harrow works well without jamming even on very stoney ground. This is very important for us, as we have very stoney soil here. We can do 445 acres / 180 ha with just one set of tines – the low wear is really great!



Ferdinand Steinhuber, Pettenbach (Austria)

Our farm changed three years ago from a dairy farm to a pig farm. We have 150 sows, and then we sell the piglets off. We farm about 40 acres / 20 ha of cropped fields for ourselves, feeding the grain.

The new drill combination is actually a luxury, but at the end of the day it was most important for us to be more flexible with what we had on the farm and to be able to choose the most cost-effective sowing time. We chose the Pöttinger **LION 301** rotary power harrow in combination with the **VITASEM 302 A** seed drill because we were impressed by the new **VITASEM** drill technology with disc coulters and also by the rotary power harrow. The price to performance ratio is more than acceptable.





“When you opt for Pöttinger, you’re buying more than a machine...”



Customer service is our middle name

We site ourselves close to our customers. Particularly when it comes to service. Because, for Pöttinger, customer proximity means that they can rely on us. In every situation.

Pöttinger regards partnerships with its customers as vital. On a personal level, just as much as in terms of performance and service levels. That’s why our customers around the world can call on an extremely well-developed service network. Because close proximity guarantees the prompt supply of spare parts and enables optimum product handover and machine setup by the local expert sales partner or Pöttinger service technician. Pöttinger service staff undergo regular training to further extend their product knowledge and repair skills. This ensures a high level of expertise at every location.

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- NEW! Machine sets for quick replacements in the field!



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