2025/2026

PÖTTINGER

Product range for arable and grassland farming

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More success with PÖTTINGER

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All information on technical data, dimensions, weights, output, etc. and the images shown, are approximate and are not binding. The machines shown do not feature country-specific equipment and may include equipment that is not supplied as standard, or is not available in all regions. Your PÖTTINGER dealership would be pleased to provide you with more information.

A company based on tradition and progress

More Success with PÖTTINGER

This motto is a promise to our customers. With the outstanding working results of our machines and services we will ensure that as one of our customers you are more successful. Our objective is to make your work easier and enable sustainable operations.

As a family-owned business with a long tradition, we have a great deal of international experience. We offer a very wide range of products in order to provide the best solutions for very different living and working conditions. Our product range is as varied as the needs of our customers.

Following our powerful claim for the best soil, we have developed intelligent systems and machines for arable farming. Business success is closely associated with the best forage. Grassland harvesting machines that are perfectly matched to one another make a valuable contribution here.

With the PÖTTINGER product range for arable and grassland farming, we cover your requirements perfectly.

Milestones in the company's history

1871 Company founded by Franz Pöttinger in Grieskirchen (AT) - grassland machines.

1960 New factory built in Grieskirchen (AT), today's headquarters.

1975 Entering the tillage industry with the takeover of the Bavarian plough factory in Landsberg/Lech (DE).

2001 Acquired seed drill technology plant in Bernburg (DE).

2007 Built plant in Vodnany (CZ) as the competence centre for tillage machines.

2017 Spare parts logistics centre in Taufkirchen an der Trattnach (AT) goes into operation.

2018 New assembly line and logistics workshops opens in Grieskirchen (AT).

2021 The first phase of the plant in St. Georgen (AT) opens as a competence centre for round balers and large rakes. Crop care machines added to the product range.

2022 Acquisition of MaterMacc in San Vito al Tagliamento (IT) to supplement the product range with precision planters.

2023 The second phase of the plant in St. Georgen (AT) opens with the new powder coating and painting line.

50 years of arable farming

Innovation and quality since 1975

- 1975: Takeover of the Bavarian plough factory in Landsberg am Lech
- 1988: Launch of the new SERVO generation of ploughs
- 1991: Presentation of the robust LION power harrows and SYNKRO linkage-mounted stubble cultivators
- 2001: Purchase of the seed drill plant from Rabe sees PÖTTINGER enter the seed drill technology market
- 2003: Introduction of the versatile TERRADISC compact disc harrow
- 2011-2013: New generations of VITASEM, AEROSEM and TERRASEM as well as the addition of FOX compact combinations
- 2020: Launch of the TERRIA trailed cultivator series
- 2021: Expansion of the portfolio to include the mechanical crop care machines ROTOCARE, FLEXCARE and TINECARE
- 2022: Takeover of the manufacturer of precision planter technology MaterMacc and launch of the AMICO front hopper
- 2024: Presentation of the PLANO shallow cultivator for full-surface soil movement

PÖTTINGER

The best soil

The soil is the basis for agriculture and forestry and is one of the world's most important yet limited resources. Soils are the essence of our life since they provide the basis for nutrition for us and our livestock. Healthy soil is a prerequisite for optimising your yield.

Ploughs – perfect incorporation

By using the plough for primary tillage, you achieve a clean arable surface. Turning the soil also incorporates fertiliser, harvest residues and plants. Ploughing arable land makes an important contribution to weed control and fighting pests and disease.

Stubble cultivators – breathing life into the soil

The incorporation of residue from the harvest increases the fertility of the soil and protects from erosion. The capillary effect is interrupted by the stubble cultivator to retain moisture. Our SYNKRO stubble cultivators are available in two and three-row versions. Our trailed TERRIA stubble cultivators follow up with three and four rows. The PLANO trailed shallow cultivator features six rows of tines. The versatile rear rollers create ideal germination conditions for volunteers and weeds.

Disc harrows – revitalising the soil

The TERRADISC compact disc harrow is designed specifically for stubble cultivation and seedbed preparation. The compact design and aggressive disc angle ensure reliable penetration and excellent mixing in of harvest residues.

PÖTTINGER seed drill systems

Power harrows – thorough soil preparation

The best tilth, excellent mixing and levelling are the basis for successful planting. A power harrow working together with a seed drill is a high output and cost effective combination delivering perfect sowing results. PÖTTINGER offers you tailor-made systems for every type of soil and every size of operation.

Compact combinations – fine tilth seedbed

The FOX D compact combination is available with discs. With the compact combination matched to your requirements, you benefit from low draft, fuel-saving seedbed preparation. Combined with a PÖTTINGER seed drill, this implement becomes a cost-effective seed drill combination.

Mechanical seed drills – uniform seed placement

These mechanical seed drills deliver impressive functionality, reliability and performance.
Unique metering systems, uniform seed placement and convenient operation are among the trademarks of our mechanical seed drills.

Pneumatic seed drills – precision operation

Our pneumatic seed drills are for sowing cereals and maize (single-seed placement). The unique AEROSEM seed drill concept unites the drilling of cereals and maize. Precision universal metering and perfect coulter systems guarantee exact placement of the seed.

Pneumatic universal seed drills – perfect, efficient sowing

The TERRASEM universal seed drill concept combines tillage, consolidation and drilling in a single machine. The effective compact disc harrow or, as an option, low disturbance WAVE DISC, the unique tyre packer and the perfect seed coulters ensure an optimum working result.

Linkage mounted crop care machines – that promote plant growth

The linkage mounted crop care machines complete our wide range of arable farming products. You can rely on our FLEXCARE row crop cultivator, ROTOCARE rotary hoe and TINECARE tine harrow to protect and care for your crops.

Perfect incorporation

Intelligently designed for heavy-duty work, PÖTTINGER ploughs ensure optimum load distribution and strength in the areas of highest stress. The unique PÖTTINGER control centre lets you easily adapt the plough perfectly to all types of soil and operating conditions.

Easy adjustment

With the SERVOMATIC control centre, you can quickly and easily adjust the plough to the tractor and the soil conditions.

- Straightforward yet ingenious plough set-up
- Flexible mounting for modern tractor geometries
- For perfect results

Robust frame construction

The large-dimension main beam section absorbs tensile forces better. For high strength, holes in the beam have been reduced to a minimum. In addition, the newly designed construction reduces the loads acting on all bearing points to protect the plough components.

Hitch-mounted reversible ploughs

NOVA stone protection

The compact trip leg system with internal hydraulic cylinder ensures a high triggering pressure. The increasing trip pressure ensures the plough share re-enters the soil quickly. The triggering pressure can be adjusted hydraulically:

- SERVO 2000: 1,000 to 1,350 kg
- SERVO 3000 and 4000: 1,200 to 1,500 kg

PLUS furrow width adjustment

With PLUS hydraulic furrow width adjustment the plough is always precisely matched to the soil conditions.

- Optimum adaptation to tractor power, slopes, field shapes and site-specific soil conditions
- Automatic adjustment of all plough settings
- Easy ploughing of tight corners and headlands

Soil-conserving on land ploughing

For more soil conservation and convenience, the SERVO 4000 and the optional on land equipment can be used with the tractor wheels in the furrow as normal, or with the tractor level on the unploughed land. The on land system allows tractors with wide tyres and crawler tracks up to an overall outside width of 3 m to easily plough outside the furrow.

TRACTION CONTROL

TRACTION CONTROL is available as an option on SERVO 4000 and 5-furrow SERVO 3000 models to provide defined loading of the tractor rear axle. Wheel slip is reduced by perfectly matching the pulling force and load on the rear axle. As a result, this enables maximum performance on the part of the tractor. This saves up to 10% on fuel and conserves the soil.

Perfect incorporation

Straightforward and cost effective to use, reliable operation in challenging conditions and impressive working results – these are the key factors that were taken into account during the development of the SERVO T 6000. The new plough beam concept forms the basis for years of relentless operation.

Up to 500 hp

We are prepared for the future. The increasing requirement for higher yields is leading to larger and more powerful tractors being used in the field. With the strong plough beam, an additional strut for support and double-sided linkage lugs for the lower linkage, this is designed to handle the highest tractive forces. The fittings are positioned so that they do not weaken the plough beam tube. The high strength body mountings reliably transfer forces to the plough body.

Optimised plough beam design

The plough beam has been engineered to absorb the loads acting on it during operation even better. The configuration aligns the tractive forces along the same plane and minimises deflections.

- Tractive forces are transmitted in a straight line by the stabiliser towards the rear axle of the tractor
- Enormous strength and reliability during operation
- Protects components and mounting elements

Semi-mounted reversible ploughs

Drive outside the furrow

For more soil conservation and the use of tractors with wide tyres, dual wheels or crawler tracks, the SERVO T 6000 and the on land equipment option enable tractors to plough while driving outside the furrow. This reduces soil pressure in deeper soil layers and prevents compaction of the furrow bottom. However, the plough beam can also be set for driving in the furrow if required.

Maximum strength

Uniform, trouble-free operation in areas with a high stone content and heavy soils is not a contradiction in terms thanks to the reliable NOVA stone protection system. A selection of highly resilient materials combined with finely controllable hydraulics makes the system an indispensable tool in extreme situations. Being able to work continuously while outputting high quality working results increases productivity and contributes to a higher area output.

Ploughing with a furrow press

Ploughing with a furrow press completes two work steps in one pass. The furrow press is drawn along by a large press arm. This is hydraulically decoupled at the headland. The catching position can be adjusted in five steps to guarantee smooth operation with different furrow widths. On ploughs with hydraulic furrow width adjustment, the press arm is also adjusted according to the furrow width.

Wear resistant

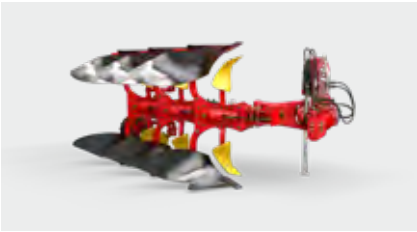
Extremely wear-resistant DURASTAR chisel points, share blades and mouldboards ensure a long service life in the most difficult conditions and contribute to long replacement intervals. In addition to reversible points, a particularly robust combined share and point is also available, which demonstrates incredible strength when working in soil with high levels of stones. Reliable soil penetration and perfect work quality are always guaranteed as a result.

Perfect incorporation

SERVO 2000 – light hitch-mounted reversible ploughs

Due to their compact design, SERVO 2000 ploughs are suitable for tractors from 80 to 130 hp. The 3 and 4 furrow models are available with hydraulic furrow width adjustment and the NOVA stone protection system.

	Furrows	Point-to-point spacing	Power requirement from
SERVO 2000	3 / 4	88 / 95 / 102 cm	59 kW / 80 hp
SERVO 2000 P	3 / 4	88 / 95 / 102 cm	59 kW / 80 hp
SERVO 2000 N	3 / 4	88 / 95 / 102 cm	59 kW / 80 hp



SERVO 3000 – medium weight hitch-mounted reversible ploughs

The SERVO 3000 with 3 to 6 furrows is the model of choice for the medium power tractor segment from 80 up to 240 hp. This plough combines a simple control centre and the best working results.

	Furrows	Point-to-point spacing	Power requirement from
SERVO 3000	3 / 4 / 5 / 6	95 / 102 cm	59 kW / 80 hp
SERVO 3000 N	3 / 4 / 5	88 / 95 / 102 cm	59 kW / 80 hp
SERVO 3000 P	3 / 4 / 5 / 6	95 / 102 cm	59 kW / 80 hp
SERVO 3000 PN	3 / 4 / 5	88 / 95 / 102 cm	59 kW / 80 hp

SERVO 4000 – heavy hitch-mounted reversible ploughs

The top plough among the hitch-mounted reversible models is the SERVO 4000. This hitch-mounted reversible plough is available with up to 6 furrows and is designed for tractors up to 360 hp. High output and efficiency are guaranteed for both in-furrow and on-land ploughing.

	Furrows	Point-to-point spacing	Power requirement from
SERVO 4000	4 / 5 / 6	95 / 102 cm	102 kW / 140 hp
SERVO 4000 N	4 / 5 / 6	95 / 102 cm	132 kW / 180 hp
SERVO 4000 P	4 / 5 / 6	95 / 102 / 115 cm	102 kW / 140 hp
SERVO 4000 PN	4 / 5 / 6	95 / 102 cm	132 kW / 180 hp

SERVO T 6000 – semi-mounted reversible ploughs

The SERVO T 6000 is the result of many years of ploughing experience and intensive development work. The pushed main beam section and the NOVA overload protection system form the basis for reliable high performance ploughing.

	Furrows	Point-to-point spacing	Power requirement from
SERVO T 6000	6 / 7 / 8 / 9	102 cm	118 kW / 160 hp
SERVO T 6000 N	6 / 7 / 8	102 cm	118 kW / 160 hp
SERVO T 6000 P	6 / 7 / 8 / 9	102 cm	118 kW / 160 hp
SERVO T 6000 PN	6 / 7 / 8	102 cm	118 kW / 160 hp

N = NOVA, P = PLUS, PN = PLUS NOVA

Aerating the soil

The PÖTTINGER SYNKRO stubble cultivators have been developed to deliver optimum stubble cultivation, and are suitable for both shallow and deep tillage. During the design phase, special value was placed on reducing draft and power requirements.

Proven on all types of soil

The SYNKRO series is available with a combination of points and wing shares. Being able to adjust the height and angle of the wings ensures optimum penetration and excellent mixing performance. In addition, the position of the legs can can adjusted to match the operating conditions.

Adjust settings without leaving the cab

The hydraulic depth adjustment (optional) provides flexible settings for differing operating conditions and soil characteristics.
Quick and easy operation – from the tractor seat.

Linkage mounted stubble cultivator

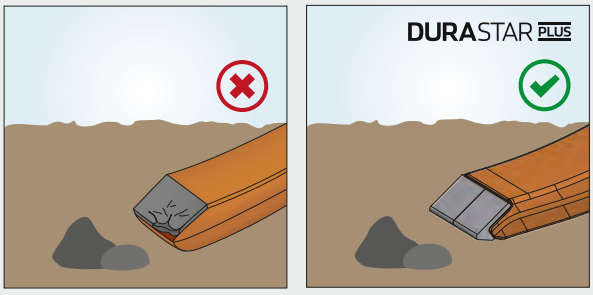
Non-Stop protection against stones

On the SYNKRO NOVA, spring-mounted tines guarantee Non-Stop cultivation in stony soil.

- The triggering pressure of 550 kg diminishes as the leg is raised, therefore stones are not pulled up or loosened
- Shear bolts are provided to protect against overloading
- Overload protection of the levelling discs

The right position for all operating conditions

The tines are fitted with shear bolts as standard. A hole matrix on the leg mounting plates and the position of the cultivator wings can be used to respond to different operating conditions such as dry, hard soils.



with standard hard coating

with DURASTAR PLUS coating

Proven tillage tools

Regardless of whether they are used for shallow cultivation after harvesting, intensive incorporation or deep loosening, these proven tillage tools can be adapted to changing requirements in just a few steps. Depending on the conditions, narrow points, chisel points and wings are available to cover a wide range of applications.

DURASTAR wear parts

Different types of shares with different levels of wear resistance are available for working in the toughest conditions.

- High quality steel and hardened metal for the points and wings
- DURASTAR for up to 4 times the service life
- DURASTAR PLUS for up to 6 times the service life
- Consistent geometry improves soil entry and low power requirement over the entire service life

Aerating the soil

TERRIA trailed stubble cultivators cover a wide range of applications in tillage. You have the choice, from shallow stubble cultivation to deep loosening primary tillage. Fully versatile to meet the highest expectations.

Symmetrical tine configuration

The tillage tools on the TERRIA trailed cultivator are arranged symmetrically along the centreline. This ensures that the soil is moved evenly, also during shallow cultivation. Thanks to the optimum distribution of forces, the machine remains stable in the ground to prevent it from jolting so that a consistent quality of work is ensured.

Integrated chassis

The wheels have been integrated into the work area to ensure the tightest possible turning radius, and a more compact overall length is the result.
The TERRIA is equipped with a 2-wheel chassis as standard and the 6-metre wide versions are with a 4-wheel chassis as an option. This ensures a large surface area of contact with the ground to conserve the soil.

Impressive performance all the way

Perfect ground tracking is a prerequisite for working at the same depth across the whole working width – because every square metre of soil is valuable. In addition to the newly developed jockey wheels, the fully hydraulic depth adjustment ensures the best working results.

Active pulling power booster

As an option, the drawbar can be equipped with the TRACTION CONTROL hydraulic pulling power booster. This system transfers weight from the stubble cultivator to the rear axle of the tractor. The shift in weight increases traction and reduces wheel slip and fuel consumption. This reduces running costs.

Maintenance-free stone protection

A mechanical Non-Stop stone protection device is installed as standard. A hydraulic version is also available as an option. This is essential for trouble-free operation, especially when there are large obstacles. In addition, the frame and the material are protected.

Operated without a rear roller

To promote gas exchange and to benefit from frost heave, leaving an open, unconsolidated soil in the autumn before winter dormancy can be a useful tillage strategy. The rear roller can be removed for this purpose. The integrated chassis takes over depth guidance. In addition, loosening tines are mounted behind the chassis instead of the rear roller.

Nurturing the soil

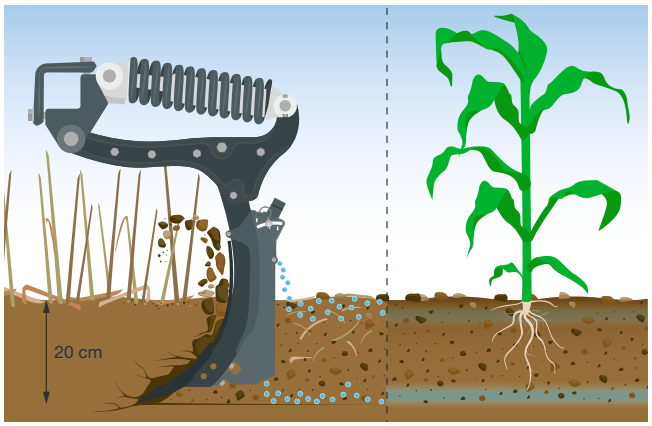
TERRIA and AMICO

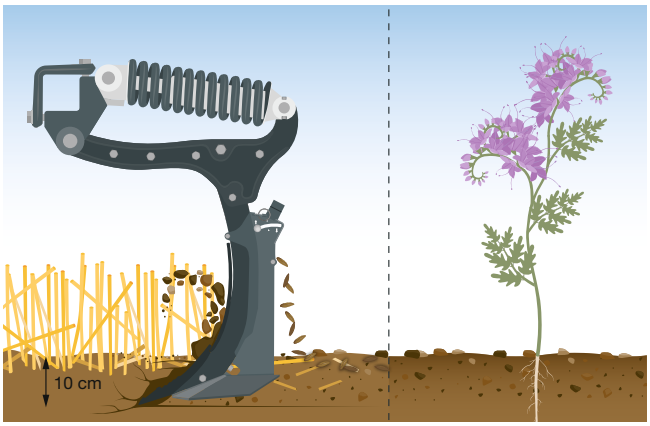
In the future, it will be necessary to deploy resources efficiently and purpose-specific throught the world. PÖTTINGER has therefore teamed up the trailed TERRIA stubble cultivator with the front hopper solo AMICO F for resource-saving work. The tillage and simultaneous seed and fertiliser application steps can now be completed in a single pass.

Flexible applications

The TERRIA with distribution system can be used for both stubble cultivation and deep loosening work. Different deposit depths allow different levels of soil to be supplied as needed. A total of three deposit depths can be set:

- Top placement – 100% deposited on top
- Mixed placement – 50% on top, 50% below
- Down placement – 100% deposited below





Soil cultivation made easy

The wide tine spacing of TERRIA stubble cultivators ensures reliable operation even with high volumes of organic matter. The incorporation of harvest residues and cover crops is carried out using different share types and can be combined with wings, the distribution boots can remain permanently mounted.

Choosing the right points

The TERRIA with distribution system can be equipped with three different types of chisel points and wings depending on the stubble cultivation application. Examples for each of the three applications:

- Point with shin for top placement
- Wing share with shin for mixed placement
- Narrow point 40 mm for down placement

SYNKRO – 2 and 3 row mounted stubble cultivators

The SYNKRO stubble cultivator can be deployed for shallow stubble work and deep tillage. A central adjustment system allows you to adjust the working depth quickly and easily.

	Number of rows	Working width	Tines	Tine spacing	Power requirement
SYNKRO 2520 / 2520 NOVA	2	2.5 m	6	42.5 cm	51 kW / 70 hp
SYNKRO 3020 / 3020 NOVA	2	3.0 m	7	42 cm	66 kW / 90 hp
SYNKRO 4020 K / 4020 K NOVA	2	4.0 m	9	44 cm	103 kW / 140 hp
SYNKRO 5020 K / 5020 K NOVA	2	5.0 m	11	45 cm	110 kW / 150 hp
SYNKRO 3030 / 3030 NOVA	3	3.0 m	11	27 cm	80 kW / 110 hp
SYNKRO 3530 / 3530 NOVA	3	3.5 m	12	28.5 cm	96 kW / 130 hp
SYNKRO 4030 K / 4030 K NOVA	3	4.0 m	14	28 cm	110 kW / 150 hp
SYNKRO 5030 K / 5030 K NOVA	3	5.0 m	18	28 cm	132 kW / 180 hp

TERRIA – 3 and 4 row trailed stubble cultivators

TERRIA trailed stubble cultivators cover a wide range of applications in tillage. You have the choice, from shallow stubble cultivation to deep loosening primary tillage. The perfectly configured tines leave an optimum working result for your soil.

	Number of rows	Working width	Tines	Tine spacing	Power requirement
TERRIA 4030	3	4.0 m	13	31 cm	132 kW / 180 hp
TERRIA 5030	3	5.0 m	17	29 cm	165 kW / 225 hp
TERRIA 6030	3	6.0 m	21	29 cm	198 kW / 270 hp
TERRIA 4040	4	4.0 m	13	31 cm	147 kW / 200 hp
TERRIA 5040	4	5.0 m	17	29 cm	183 kW / 250 hp
TERRIA 6040	4	6.0 m	21	29 cm	220 kW / 300 hp

Precision in every centimetre

Regardless of whether its stubble cultivation and weed control, incorporating cover crops or seedbed preparation, the trailed PLANO shallow cultivator is the specialist in soil water conservation and mechanical weed control thanks to its shallow, full-surface slicing action. Medium-depth tillage down to 15 cm is also possible for a high output, cost-effective and energy-efficient application.

Compression spring tines for in line stability

The outstanding advantage of these pre-tensioned tines is that they work in a straight line no matter what. They are configured in such a way that lateral movement is prevented, thanks also to the width of the clamped mounting brackets. As a result, the shares always stay in position, and yet there are no blockages from plant residues. This characteristic enables precise, full surface movement during reliable shallow work. By maintaining the set working depth, the full potential of ultra-shallow tillage can be utilised.

Shallow to medium depth tillage

The tine system can be equipped with DURASTAR PLUS duck foot shares or DURASTAR chisel points. The shape of the duck foot shares makes them ideal for shallow, full-surface movement with a slicing action. The chisel points are particularly suitable for deeper tillage and intensive mixing, although they can also be used for shallow stubble cultivation.

Precision guided

Precise depth control across the entire machine and maintaining the set depth is essential, especially during shallow cultivation. The PLANO achieves the best ground tracking by controlling the working depth using single or double depth wheels at the front and the rear roller. Hydraulic depth control is provided for maximum convenience.

Tillage tools

Regardless of whether levelling and breaking up the soil with the front board or intensively shredding organic material with the knife roller, the optional tillage tools are the front line in the cultivation process that create ideal conditions for the following tines reliably produce the best working results.

6 row trailed shallow cultivator

The PLANO shallow cultivator comes into a class of its own in ultra-shallow tillage. With the optimised tine system and shares, shallow full-surface movement is possible, as well as tillage depths of up to 15 cm.

	Number of rows	Working width	Tines	Tine spacing	Power requirement
PLANO VT 6060	6	6.0 m	37	16.2 cm	132 kW / 180 hp

Revitalising the soil

The TERRADISC compact disc harrow is designed specifically for stubble cultivation and seedbed preparation. The compact design and aggressive disc angle ensure reliable penetration and excellent mixing in of harvest residues.

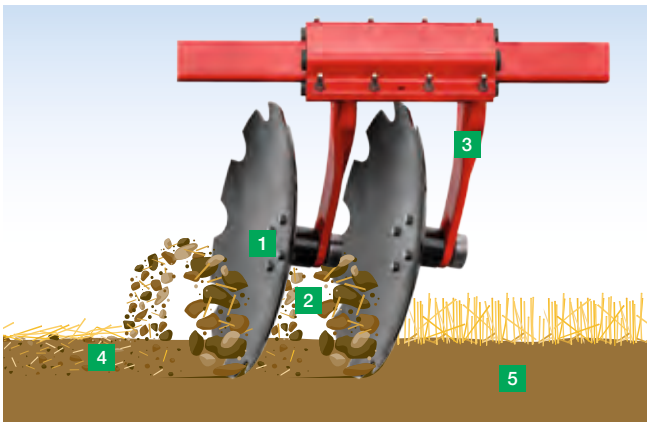
1 Perfect soil entry thanks to aggressive disc angle

2 Blockage-free operation thanks to large clearance

3 Extended service life with tempered and forged parts

4 Worked soil – uniform and level finish following consistent movement

5 Unworked soil



TWIN ARM

Two solid forged carrier arms are welded to every wide clamping bracket. This ensures that the discs always retain their position and angle.
A uniform and level finish is achieved for both shallow as well as deep tillage. Perfect soil penetration is guaranteed. Intensive mixing of the soil takes place reliably even in hard, dry conditions with high levels of harvest residues.

The best soil movement

A uniform level finish with the best mixing performance meets farmer's and contractor's expectations in the field. To achieve this, PÖTTINGER has optimised the geometry, size, plus both mounting angle and soil entry angle of the discs. The result: low draft, perfect penetration, the best tilth and mixing effect, even in dry soil. The weight of the TERRADISC also ensures the reliable performance of this disc harrow.

Generous inter-disc clearance

- Plenty of space between discs and carrier arms.
- The carrier arms are angled facing the direction of rotation so that there is no risk of stones or harvest residues becoming lodged between the disc and arm.
- A large clearance between the disc and clamping bracket means large quantities of organic matter can easily pass through.

Maximum uptime and durability

Fast operating speeds and working depths down to 15 cm mean the disc bearings have to withstand considerable stress. That is why high-quality bearings are implemented for an extended service life.
This guarantees you trouble-free work even in the most difficult operating conditions.

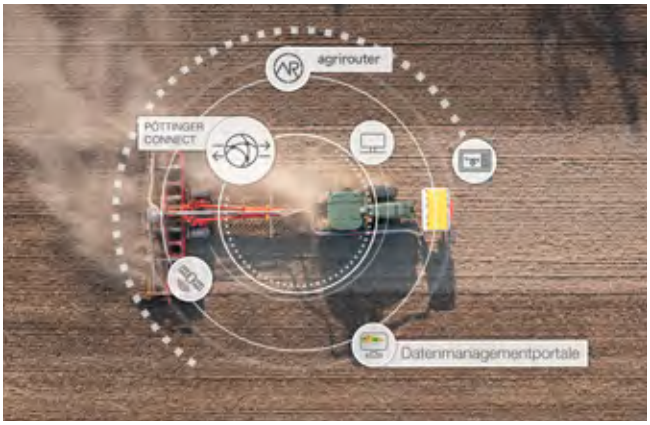
Non-Stop protection against stones

40 mm thick rubber elements have provided proven, maintenance-free Non-Stop trip leg action for many years. The clamping brackets are mounted on a thick walled box section frame. Four rubber elements between each wide clamping bracket and the box section provide the discs with high penetration power.

Revitalising the soil

More flexibility

With the knife roller positioned in front, your TERRADISC 4001 T / 5001 T / 6001 T gets additional flexibility. Regardless of whether preparing a seedbed, cultivating stubble or incorporating and chopping a cover crop and harvest residues, you can respond to the specific operating conditions. In addition, the knife roller can be pivoted away completely, so the disc harrow can be used without it.



PÖTTINGER CONNECT

In combination with Profiline equipment for ISOBUS operation, the telemetry unit can take over machine control functions and make data recording and transmission easier. Simple operation and a certified data interface make this system easy to use and connect to a range of different management systems. The module can also take over the role of the task controller, which makes it easy to add geo-referenced site-specific working depths.

TERRADISC with AMICO

For high output application during stubble cultivation or seedbed preparation, PÖTTINGER has equipped trailed 8 and 10 metre wide TERRADISC T models with a distribution system. The tillage and simultaneous seed or fertiliser application steps can now be completed in a single pass.

Versatile operations

TERRADISC disc harrows with a distribution system can be used for stubble cultivation as well as loosening to a depth of 15 cm. Different applications can be covered by a distribution rail that can be flexibly adjusted in angle:

- Apply fertiliser for rapid plant development
- Sow cover crops

TERRADISC – rigid compact disc harrows

Compact design is a key feature of PÖTTINGER disc harrows. Working depths between 3 and 12 cm are possible. The offset configuration of the aggressively set discs mixes the harvest residues effectively into the soil.

	Working width	Discs	Disc diameter	Power requirement from
TERRADISC 3001	3.0 m	24	580 mm	70 kW / 95 hp
TERRADISC 3501	3.5 m	28	580 mm	85 kW / 115 hp
TERRADISC 4001	4.0 m	32	580 mm	100 kW / 135 hp

TERRADISC K / T – folding / trailed compact disc harrows

TERRADISC K – with a working width of 4 to 6 m and increased manoeuvrability thanks to three-point linkage mounting. TERRADISC T harrows are transported on a dedicated chassis.

	Working width	Discs	Disc diameter	Power requirement from
TERRADISC 4001 K / T	4.0 m	32	580 mm	100 kW / 135 hp
TERRADISC 5001 K / T	5.0 m	40	580 mm	125 kW / 170 hp
TERRADISC 6001 K / T	6.0 m	48	580 mm	140 kW / 190 hp

TERRADISC T / HT – trailed compact disc harrows

The TERRADISC T and TERRADISC HT models are available with working widths of 8 m, 10 m and 12.5 m. These models are designed for maximum output and reliability.

	Working width	Discs	Disc diameter	Power requirement from
TERRADISC 8001 T	8.0 m	64	580 mm	198 kW / 270 hp
TERRADISC 10001 T	10.0 m	80	580 mm	265 kW / 360 hp
TERRADISC HT 12000 NEW	12.5 m	100	580 mm	331 kW / 450 hp

K = folding, T = trailed, folding, HT = horizontal folding, trailed

Preparing the soil

The power harrow plays an important role in many arable farming scenarios. Best quality tilth and excellent mixing of the soil to form a perfect seedbed are highlights of PÖTTINGER power harrows. Combined with a seed drill, this machine becomes a high output and cost effective combination delivering perfect drilling results. We offer a wide range of working widths and equipment options to cover all soil types and different farm sizes.

All-round skill set

The LION power harrow not only performs well when operated on its own but also delivers excellent results in combination with any PÖTTINGER linkage mounted or implement mounted seed drill. You can use the LION power harrow together with VITASEM and AEROSEM seed drills or the TEGOSEM cover crop sowing system.

Sophisticated details

The rear levelling board is standard and is set automatically with the depth of the rear roller. No readjustment is necessary when changing the depth. The rear levelling board fitted as standard equipment can be quickly removed and on the rigid power harrows can also be installed in front of the rotors.

Three gearbox versions

Regardless of whether it is fitted with a CLASSIC gearbox, changeable speed gearbox or central gearbox, all LION power harrow models are smooth running during operation and in the headland position.

Easy to swap around with QUICK FIX

To make it easier to replace the tines, the QUICK FIX quick-change system with folding lynch pins is available in addition to the standard bolt fastening. The tines can be changed or swapped around easily and conveniently in just a few steps.

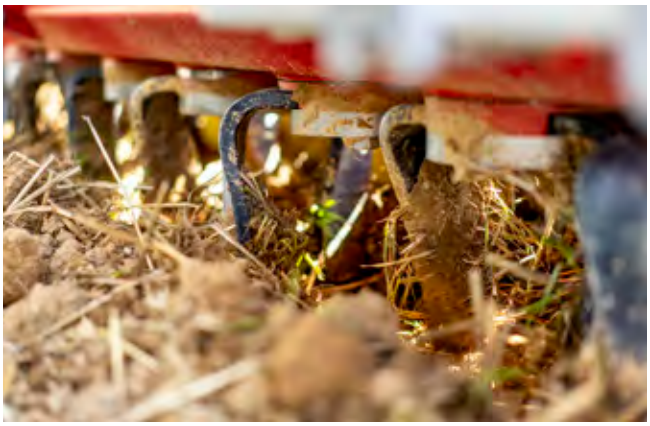
Preparing the soil

A perfectly prepared seedbed features a uniform, level finish, an ideal proportion of fine soil and optimum consolidation. This creates perfect germination conditions for rapid and uniform growth of the plants.

Neat work

Thanks to the configuration of the rotors, the machine actively cultivates the full working width from side board to side board. As a result, the soil is moved even along the outermost edge of the machine.

LION power harrows with 3.3 rotors per metre of working width can be used both as harrows and cultivators.



Universal tines for every operation

All that is needed to change the application is for the tines to be repositioned. The same geometry of tine is used for both applications.

The tines on LION power harrows have a long service life and ensure consistent, effective tillage of the soil with intensive loosening and uniform tilth.

LION – rigid power harrows

Our rigid power harrows are divided into three different models. The biggest difference lies primarily in the dimensions of the components for the different types of gearbox, which are designed for different tractor outputs.

- Side boards within the transport width of 3.0 m - no folding up required
- Large-dimensioned rotor tines for maximum service life

	Working width	Rotors	Tines	For tractors up to
Lightweight power harrows				
LION 2530 CLASSIC	2.50 m	8	18 x 340 mm	103 kW / 150 hp
LION 3030 CLASSIC	3.00 m	10	18 x 340 mm	103 kW / 150 hp
LION 3040 CLASSIC	3.00 m	12	15 x 330 mm	103 kW / 150 hp
Medium weight power harrows				
LION 3030	3.00 m	10	18 x 340 mm	147 kW / 200 hp
LION 3040	3.00 m	12	15 x 330 mm	147 kW / 200 hp
LION 3540	3.50 m	14	15 x 330 mm	147 kW / 200 hp
Heavy duty power harrows				
LION 3030 MASTER	3.00 m	10	18 x 340 mm	184 kW / 270 hp
LION 4030 MASTER	4.00 m	14	18 x 340 mm	184 kW / 270 hp

LION V – folding power harrows

The folding medium weight and heavy duty LION V models are shorter, stronger and more compact: These characteristics have been incorporated by engineering an integrated folding frame.

- Can be combined with the AEROSEM F front hopper seed drill
- For more reliability and convenience: Temperature monitoring and hydraulic depth adjustment optional

	Working width	Rotors	Tines	For tractors up to
Medium weight power harrows				
LION V 4040	4.00 m	16	15 x 330 mm	235 kW / 320 hp
LION V 5040	5.00 m	20	15 x 330 mm	235 kW / 320 hp
LION V 6040	6.00 m	24	15 x 330 mm	235 kW / 320 hp
Heavy duty power harrows				
LION V 6030 MASTER	6.00 m	20	18 x 340 mm	368 kW / 500 hp

Clever seedbed preparation

Our FOX D compact combination enables smooth-running, fuel-saving seedbed preparation.
Combined with a PÖTTINGER seed drill, this implement becomes a cost-effective seed drill combination.

The best working results

The key feature of our FOX D compact combination is its design. The lightweight construction, for smaller tractors starting at 75 hp, enables high output and optimum seedbed preparation at the same time.

Due to the rotating discs, the implement needs less tractive power and therefore consumes less fuel. Track eradicators tines ensure that the tractor marks are thoroughly loosened to enable perfect mixing at a consistent working depth as well as blockage-free operation.

FOX D discs

- On the FOX D discs are used to prepare the seedbed. The discs are mounted on rubber elements that provide a degree of vertical travel and are suitable for slightly stony soil.
- The discs have a diameter of 410 mm and are fitted with sealed bearings.

Compact combinations

Focussing on cost effectiveness

- Lets you use smaller tractors for fuel-saving and efficient seedbed preparation.
- During the development of the PÖTTINGER compact combinations, great attention was paid to compact dimensions and low draft.
- Rotating tools on the FOX D enable efficient seedbed preparation with low costs per hectare.

The ideal machine for mulch drilling

This lightweight linkage-mounted machine is ideal for use in light to medium soils with low levels of harvest residues. Combined with a seed drill, the FOX compact combination demonstrates yet another talent. The result is a cost-effective mulch drilling combination.

Greatest operational flexibility

- Combined with a PÖTTINGER seed drill, this implement becomes a cost-effective 3-point-mounted seed drill combination.
- The machine can also be operated solo for incorporating harvest residues into the soil.
- The drill is mounted either on the packer roller or using HYDROLIFT.
- Combinable with VITASEM, VITASEM M and AEROSEM seed drills.

	Working width and transport width	Tools	Disc spacing	Working depth	Power requirement
FOX 3000 D	3.0 m	24	12.5 cm	3 – 8 cm	55 kW / 75 hp

Uniform seed placement

Proven technology meets user-friendly, practical features, all in the latest generation of mechanical VITASEM seed drills. The machines are available as simple linkage-mounted seed drills and with the suffix M (mounted) as implement-mounted machines.

Best seed placement guaranteed

Thanks to the different coulter systems for a wide range of conditions, the PÖTTINGER seed rails ensure a uniform placement depth and perfect seed emergence.

- Suffolk coulters are suitable for conditions where there is little organic matter on the surface
- Single-disc coulters are particularly suitable for locations with high volumes of organic matter
- DUAL DISC coulters ensure accurate seed placement even in the most challenging conditions

Universal sowing and quick conversion

Using the 2-slide solution, the individual metering slides can be pushed in or pulled out to quickly switch from fine to normal seed, for example, from oil seed rape to cereals. This saves time and increases the flexibility of your machine.

As an option, over seeding for poppy seed or oil seed rape, for example, is possible with the standard metering wheel.

Mechanical tractor/implement mounted seed drills

VITASEM – tractor-mounted mechanical seed drills

The VITASEM linkage-mounted seed drills deliver more than just perfect sowing. Equipped with wheels, they can be used universally on their own or together with a soil preparation implement. Due to the low weight of the mounted seed drills, these machines are ideally suited for smaller tractors.

	Working width	Seed hopper standard / optional	Coulter system: Suffolk = S / Single disc = E	Number of seed coulters	Seed row spacing
VITASEM 3000 CLASSIC	3.00 m	530 l	S / E	25 / 25	12 / 12 cm
VITASEM 2500	2.50 m	640 l	S / E	19 / 19	13.2 / 13.2 cm
VITASEM 3000	3.00 m	770 l / 1,200 l	S / E / E	25 / 25 / 21	12 / 12 / 14.3 cm
VITASEM 4000	4.00 m	1,070 l / 1,700 l	S / E / E	33 / 33 / 37	12 / 12 / 14.8 cm

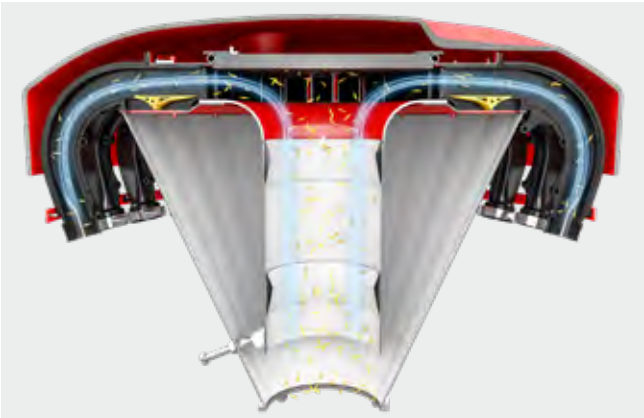
VITASEM M – mechanical implement-mounted seed drills

Our VITASEM M and VITASEM M CLASSIC are implement-mounted seed drills. Coupling up to FOX compact combinations or LION power harrows in their light, medium or heavy versions is done in minutes via a 4-point linkage on the rear roller.

	Working width	Seed hopper standard / optional	Coulter system: Suffolk = S / Single disc = E / DUAL DISC = DD	Number of seed coulters	Seed row spacing
VITASEM M 3000 CLASSIC	3.00 m	530 l	S / E	24 / 24	12.5 / 12.5 cm
VITASEM M 2500	2.50 m	640 l	S / E	20 / 20	12.5 / 12.5 cm
VITASEM M 3000	3.00 m	770 l / 1,200 l	S / E / E	24 / 24 / 20	12.5 / 12.5 / 15.0 cm
VITASEM M 4000	4.00 m	1,070 l / 1,700 l	S / E / E	32 / 32 / 26	12.5 / 12.5 / 15.0 cm
VITASEM M 3000 DD	3.00 m	770 l / 1,200 l	DD	24 / 20	12.5 / 15.0 cm
VITASEM M 4000 DD	4.00 m	1,070 l / 1,700 l	DD	32 / 26	12.5 / 15.0 cm

The best seed germination

The unique AEROSEM seed drill concept unites the drilling of cereals and maize. Precision universal metering and coulter systems proven time and again in the field guarantee exact placement of the seed.



INTELLIGENT DISTRIBUTION SYSTEM - flexibility that pays dividends

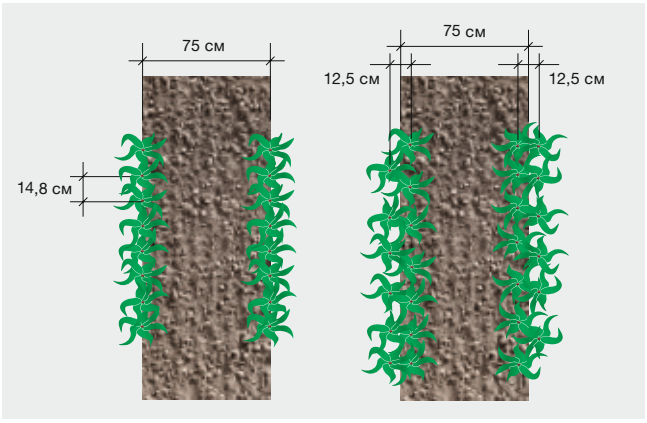
The IDS distributor system controls all outlets using the BUS system. This enables a wide range of coulter pipe and tramline switching combinations. In conjunction with the intelligent control terminals, tractors with ISOBUS and the electric metering drive, there are now no limits to flexible working in the field.

Exact number of seeds in each row

With active tramline switching the seed of the closed rows is returned into the seed flow. The electric metering drive reduces the seed rate proportionally to ensure that the seed rate remains consistent in the coulters that are open.

- Consistent number of seeds in each row
- Uniform crop development
- Up to 6 % saving on seed

Pneumatic implement-mounted seed drills



PCS – PRECISION COMBI SEEDING

One seed drill for:
- Cereals
- Maize / maize with fertiliser / maize with companion crop

How you benefit:
- Expansion to range of applications - high flexibility
- Reduction in investment and running costs by combining a pneumatic seed drill with a precision seed drill
- Multiple uses for machine combination

DUPLEX SEED with PCS system

Drilling maize in double rows:
- With 12.5 cm spacing in the double row, and 75 cm spacing between the double rows
- The double spacing in the row ensures a better plant distribution density of the maize plants
- Increases output during sowing thanks to a higher driving speed but the same level of precision
- Increase in yield of up to 5.5 % possible with silage maize and corn maize.

AEROSEM A - pneumatic implement-mounted seed drills

Single-disc coulters and DUAL DISC double-disc coulters are available for planting cereals. PCS integrates precision seed drilling technology into a pneumatic seed drill, making you independent from single seed drills. This means greater flexibility and more cost efficient operation.

	Working width	Row spacing	Coulter pressure / coulter	Power requirement
AEROSEM 3002 A	3 m	12.5 / 15 cm	up to 25 kg (55.12 lbs)	81 kW / 110 hp
AEROSEM 3002 ADD	3 m	12.5 / 15 cm	up to 50 kg (55.12 lbs)	103 kW / 140 hp
AEROSEM 3502 A	3.5 m	12.5 cm	up to 25 kg (55.12 lbs)	92 kW / 125 hp
AEROSEM 3502 ADD	3.5 m	12.5 cm	up to 50 kg (55.12 lbs)	121 kW / 165 hp
AEROSEM 4002 A	4 m	12.5 / 15 cm	up to 25 kg (55.12 lbs)	103 kW / 140 hp
AEROSEM 4002 ADD	4 m	12.5 / 15 cm	up to 50 kg (55.12 lbs)	140 kW / 190 hp

Greatest operational flexibility

The AEROSEM F front hopper seed drill extends the range of PÖTTINGER pneumatic implement-mounted seed drills with a working width of 3 m to 6 m.

Adapted to meet flexible requirements

The simultaneous application of several components during drilling has become increasingly standard in recent years. The main focus is on providing plants with nutrients from the germination stage onwards.

Thanks to an increase in metering flowrates, combined with a long conveying path from the front of the tractor and higher driving speeds, it is now necessary to use a pressurised hopper for the front hopper system.

Pressurised hopper for higher output and versatile applications

The pressurised hopper system meets new requirements in seed drill technology. Larger quantities of seed and fertiliser can be transported over longer distances.

The range of volumes and the choice of one or two metering systems fulfil every requirement in the field.

Pneumatic front hopper seed drills

Front hopper

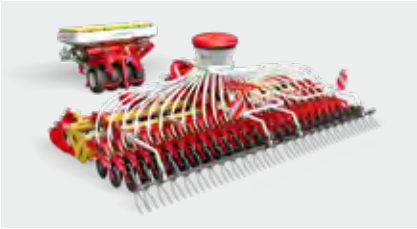
- The AMICO F features a pressurised hopper with full-length hopper cover for high metering flow rates and precision metering over long distances without risk of clogging
- High volume double hopper with 1,700 or 2,400 litres
- With one or two component metering units as an option 60:40 division
- Different seed mixture components can be placed in a single seed slot using the Single Shoot System
- Optional - steered tyre packer for optimum consolidation between the axles
- Optional - additional weights integrated into the front hopper for perfect weight distribution

Convenient operation
- Good accessibility to the metering unit for easy calibration at the push of a button
- Electric metering as standard
- Access platform for convenient filling of the front hopper

Coulter rail

- Proven DUAL DISC coulter system with coulter offset of 30 cm
- Compact design - seed coulters close to the rear roller and tractor thanks to the integrated folding frame
- Scissor type guidance of the distributor head ensures it is vertical to deliver perfect lateral distribution

Maximum ease of use
- The coulter rail is mounted quickly and easily using quick release hooks
- IDS distributor head: tramline selection at the push of a button
- Coulter pressure and sowing depth adjustment are easily accessible
- Optional hydraulic coulter pressure adjustment and coulter lifting for even more operational flexibility
- Vibrations from the power harrow are not transmitted to the distributor head



AEROSEM F – front hopper pneumatic seed drill

High volume, pneumatic front hopper seed drill with electric metering. Choose one or two metering units for simultaneous sowing of two different components. Seed mixture components are placed in a single shoot slot. The compact, folding coulter rail with a short headstock puts the centre of gravity close to the tractor.

	Working width	Row spacing	Coulter pressure / coulter	Seed hopper volumes
AEROSEM F 3000 DD NEW	3 m	12.5 cm	up to 60 kg (55.12 lbs)	1,700 l / 2,400 l
AEROSEM VF 4000 DD NEW	4 m	12.5 cm	up to 60 kg (55.12 lbs)	1,700 l / 2,400 l
AEROSEM VF 5000 DD NEW	5 m	12.5 cm / 15 cm	up to 60 kg (55.12 lbs)	1,700 l / 2,400 l
AEROSEM VF 6000 DD NEW	6 m	12.5 cm / 15 cm	up to 60 kg (55.12 lbs)	1,700 l / 2,400 l

The best soil conservation

The trailed AEROSEM seed drill combination with active tillage combines seedbed preparation with a LION power harrow, consolidation with a grooved tyre packer and sowing with the DUAL DISC coulter rail. The trailed seed drill concept has been developed for light to the heaviest soil types and enhanced with the profiline comfort control system. This lets you control all the hydraulic functions, including coulter pressure adjustment, conveniently from the tractor cab.

LION power harrows

Due to the active cultivation of the soil using the medium weight or heavy LION V power harrows creates an optimum seedbed for the best germination conditions. The power harrow is depth controlled by the tyre packer using a parallelogram. The hydraulic depth control can be adjusted conveniently from the tractor cab.

High coverage grooved tyre packer

The full-length grooved tyre packer with 800 mm diameter wheels covers the full width of the packer, conserving the ground at the headland without smearing the soil. The large dimensioned packer minimises the rolling resistance and avoids the bulldozing effect. A large contact area in combination with the special grooved profile ensures optimum consolidation of the seed rows.

Trailed pneumatic seed drill combinations

Longitudinal seed hopper

The output of the machine is increased with the 2,800 litre (5 metre machine) and 4,600 litre (6 metre machine) pressurised hopper. The hopper is divided 50:50 down the middle in the direction of travel. Using the single-shoot drilling system, the entire volume can be used for one type of seed, or for two different seed types, or for seed and fertiliser. How you benefit:

- Higher delivery rates for seed and fertiliser
- The fan is integrated in the front of the hopper clear of dust for the best reliability
- Two metering units for maximum flexibility

Ultimate ground tracking

To achieve reliable ground tracking, the DUAL DISC coulter rail is suspended from the packer chassis using a cantilever system. This ensures that the coulters are constantly guided at the required height over bumps in the ground for precise and uniform seed placement.

The machine can also adapt perfectly to undulations in the ground at right angles to the direction of travel. The entire working width is pre-tensioned with pressure accumulators, so that vertical deflection of up to 15 cm is possible.

AEROSEM VT - trailed pneumatic seed drill combination

To get perfect results, you can use the AEROSEM VT flexibly on different types of soil in varying conditions. The LION power harrow ensures the best seedbed preparation and the soil is optimally consolidated by the grooved tyre packer. The DUAL DISC coulter rail ensures optimum, precision sowing.

	Working width	Row spacing	Coulter pressure / coulter	Power requirement
AEROSEM VT 5000 DD	5 m	12.5 cm	up to 60 kg (55.12 lbs)	147 kW / 200 hp
AEROSEM VT 6000 DD	6 m	12.5 cm	up to 60 kg (55.12 lbs)	191 kW / 280 hp

Perfect, efficient sowing

The TERRASEM universal seed drill concept combines tillage, consolidation and drilling in a single machine: the perfect combination of high output, excellent reliability and precision seed placement to meet your requirements. Enhanced by the Profiline comfort control system, all hydraulic functions can be conveniently controlled from the tractor cab.

Convenient operation without crabbing

An ingenious configuration of the tillage tools ensures that the machine works one hundred percent in a straight line. The disc harrow as well as the fertiliser coulters (D Z machinewith FERTILIZER) and seed coulters are mounted in an X configuration.

A central additional WAVE DISC in the rear section of the discs guarantees full-surface movement.

Precise contour tracking

These frame sections are preloaded using hydraulic accumulators to ensure equal pressure distribution in any working position over the whole working width. The machine can adapt perfectly to undulations in the ground thanks to the pressure applied.

- Uniform working depth across the entire working width is guaranteed
- Consistent placement depth thanks to the three-point linkages on the coulter rail.

Pneumatic universal seed drill technology

DUAL DISC double-disc coulters

- To achieve consistent placement depth, all coulters are guided by rubber-mounted parallelogram arms that are depth-adjusted by press wheels.
- The depth is adjusted centrally with coulter pressure applied hydraulically between 40 and 120 kg.
- Same-length coulter arms ensure identical coulter pressure on each unit.

Two metering systems

Depending on the choice of machine, two different metering systems are available. The machines with a single hopper have an injector metering system (TERRASEM C and V D).

All double hopper machines (TERRASEM D Z with FERTILIZER) are equipped with a pressurised hopper system. The two-part hopper with a fixed 60:40 partition can also be filled with 100 % seed.

Safety during road transport

- On the road the machine is transported on four wheels and improve the stability and braking efficiency of the two outer pairs of wheels.
- The centre wheels are raised for moving the machine to the next field, which makes transport on uneven dirt roads much more stable.

Conserves soil at headlands

- The chassis is fitted with wide tyres to consolidate the soil, each tyre covering three or four seed rows.
- At the headland the weight of the machine is supported by all the wheels to conserve the soil.
- Each packer wheel is mounted independently to ensure that their is no smearing of the soil, especially at headlands.

WAVE DISC for minimum tillage

The maintenance-free WAVE DISCs have a diameter of 510 mm and are available with row spacings of 12.5 cm or 16.7 cm. The working depth is infinitely-variable using a hydraulic system. The PÖTTINGER WAVE DISC system is ideal for difficult soil conditions that require reduced tillage. The WAVE DISC is available for all TERRASEM universal seed drill combinations.

Working cost-effectively

- Low draft thanks to reduced tillage intensity
- Reduced power requirement due to less soil movement
- Reduction in erosion - conserves soil structure
- Water saving system

Suppresses erosion

Lower intensity tillage leaves behind a lower proportion of loosened soil and a smaller cultivated area.

- Less risk of ponding during heavy rain
- Reduced sifting of fine soils in strong winds

Pneumatic universal seed drill technology

The challenge of field hygiene

- The low soil movement has a positive effect on controlling problem grasses
- The WAVE DISC low disturbance effect is particularly effective in minimising germination of weed seeds
- Herbicide film remains on intact surface of soil
- Saves resources thanks to fewer passes

Reduced soil movement

Dry region:

- Water saving strips, only the soil either side of the seed slot is moved.
- Slows down evaporation without moving the remaining surface.

Humid area:

- Reduced soil movement and less movement of moist soil
- Faster warming up and drying of the loosened strip for improved germination conditions
- No deep tillage tools at seed slot level, so smearing is avoided

Conserving the water in the ground

"We farm 250 hectares on our own land and drill 700 hectares for third parties as a contractor. We use a TERRASEM C6 WAVE DISC, so we are very flexible in terms of different site conditions. In spring weather conditions, more homogeneous germination is achieved on loam soils. With the WAVE DISC system we conserve the water in the soil. What is more, herbicides work better because the crop protection film remains on the areas of the soil surface that are left intact.
I like the WAVE DISC because it is more versatile than direct drilling and also more suitable for stony fields as it wears less. More moisture is retained in the soil compared to the TERRASEM with aggressive discs."

Florend Earl Cadieu
Farmer
Charnizay | Indre-et-Loire | France

TERRASEM

The TERRASEM V CLASSIC models without tillage tools offer smooth running and high output technology for covering large areas. When using these seed drills, the seedbed has already been optimally levelled in advance. Perfect seed placement in a consolidated seedbed is achieved thanks to the optimum ground tracking of the coulter rail and the unique tyre packer.

Easy to pull and delivers a high output

- High volume seed hopper for high performance
- Versatile applications thanks to low power requirement
- Combined with direct fertilisation in intermediate rows - mid-row banding
- Water-saving sowing method thanks to direct drilling in loose and frost-wilted cover crops in spring
- DUAL DISC coulters for uniform placement depth

Additional tools for perfect levelling

- The front board ensures perfect levelling in ploughed fields and excellent clearance for large quantities of harvest residues.
- Spring-loaded track eradicators are used for loosening and breaking up hard and compacted tractor marks
- The levelling board in front of the tyre packer also promotes fine tilth
- The levelling paddle levels ridges between the tyres on light, sandy soil.

Pneumatic universal seed drill technology

TERRASEM universal seed drill combination

The rigid universal seed drill combination made by PÖTTINGER has a double row disc harrow or WAVE DISC for soil preparation.
The three-section design of the folding TERRASEM V models provides perfect ground tracking. The outer elements have plenty of freedom of movement.

	Working width	Standard hopper / optional hopper	Rows Standard	Row spacing Standard	Rows optional	Row spacing optional
TERRASEM 3000 D	3.00 m	3,600 l / 4,700 l	24	12.5 cm	18	16.7 cm
TERRASEM 4000 D	4.00 m	3,600 l / 4,700 l	32	12.5 cm	24	16.7 cm
TERRASEM V 4000 D / V 4000 CLASSIC	4.00 m	3,600 l / 4,700 l	32	12.5 cm	24	16.7 cm
TERRASEM V 6000 D / V 6000 CLASSIC	6.00 m	3,600 l / 4,700 l	48	12.5 cm	36	16.7 cm
TERRASEM V 8000 D / V 8000 CLASSIC	8.00 m	5,600 l / –	64	12.5 cm	48	16.7 cm
TERRASEM V 9000 D / V 9000 CLASSIC	9.00 m	5,600 l / –	72	12.5 cm	54	16.7 cm

TERRASEM Z with FERTILIZER

Using direct fertilisation enables the FERTILIZER PRO to deposit fertiliser at the same time as the seed. This enables you to achieve optimum growth conditions during the early phase of seed growth and increase the generative performance of the seed. On the TERRASEM D Z models with the FERTILIZER system, the placement depth of fertiliser and seed can be set individually.

	Working width	Standard hopper / optional hopper	Standard rows Seed / fertiliser	Row spacing Standard	Rows optional Seed / fertiliser	Row spacing optional
TERRASEM 3000 D Z	3.00 m	4,200 l / 5,600 l	24 / 12	12.5 cm	18 / 9	16.7 cm
TERRASEM 4000 D Z	4.00 m	4,200 l / 5,600 l	32 / 16	12.5 cm	18 / 9	16.7 cm
TERRASEM V 4000 D Z / TERRASEM V 4000 Z CLASSIC	4.00 m	4,200 l / 5,600 l	32 / 16	12.5 cm	24 / 12	16.7 cm
TERRASEM V 6000 D Z / TERRASEM V 6000 Z CLASSIC	6.00 m	4,200 l / 5,600 l	48 / 24	12.5 cm	36 / 18	16.7 cm
TERRASEM V 8000 D Z / TERRASEM V 8000 Z CLASSIC	8.00 m	5,600 l / –	64 / 32	12.5 cm	48 / 24	16.7 cm
TERRASEM V 9000 D Z / TERRASEM V 9000 Z CLASSIC	9.00 m	5,600 l / –	72 / 36	12.5 cm	54 / 27	16.7 cm

Promoting plant growth

For decades, increasing yields have been ensured by using chemical crop protection. However, with increasing use, the resistance of harmful organisms also increases, meaning that fungicides, insecticides and herbicides are loosing their efficacy. PÖTTINGER offers the perfect solution with its linkage-mounted crop care machines.

Possible applications for linkage-mounted crop care machines

In addition to weed control and breaking up encrusted soil, there are many other ways of using mechanical crop care. These include shallow stubble cultivation and distributing seed for cover crops or fertiliser. Mechanical crop care machines can also be used in grassland.

Giving the crop a head start

Mechanical cultivation of the topsoil at a particularly early stage not only improves the availability of nutrients in crop stands, but also stimulates biochemical processes and therefore the production of growth hormones in the plants.

ROTOCARE V – folding rotary hoe

The ROTOCARE rotary hoe impresses with its wide range of applications, including crop-friendly and row-independent mechanical weed control and breaking up encrusted soil.
To increase the range of applications even further, a flexible hopper TEGOSEM can also be mounted.

	Working width	Transport width	Number of stars	Power requirement
ROTOCARE V 6600	6.6 m	3.0 m	74	90 hp
ROTOCARE V 8000	8.0 m	3.0 m	92	110 hp
ROTOCARE V 12400	12.4 m	3.0 m	138	160 hp

FLEXCARE V – folding hoeing technology

The FLEXCARE row crop cultivator offers full flexibility. In addition to its flexible setting options and the way it conserves the crop during operation, there is a large choice of inter-row and intra-row weeding tools and individual tool lifting using section control.

	Working width	Maximum number of hoe elements	Minimum number of hoe elements	Power requirement
FLEXCARE V 4700	4.7 m	18	5	80 hp
FLEXCARE V 6200	6.2 m	24	7	110 hp
FLEXCARE V 9200	9.2 m	36	11	150 hp

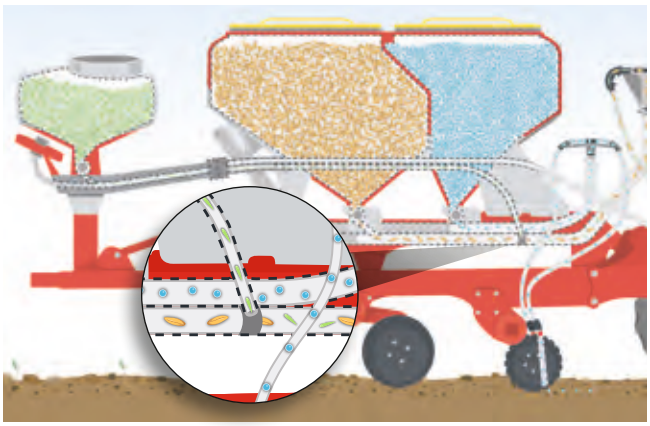
TINECARE V – folding tine harrow technology

The new TINECARE V precision tine harrow combines the best working results with the highest productivity. In addition to a compression spring system and large jockey wheels, the machine has a high-strength frame with optimum weight distribution.

	Working width	Transport width	Number of tines	Power requirement
TINECARE V 12050 MASTER NEW	12.0 m	2.95 m	400	120 hp

In a single pass

The flexible TEGOSEM hopper combines soil cultivation and sowing a cover crop or a companion crop in a single pass to save time and costs. The TEGOSEM can be combined with both linkage mounted and trailed machines.



The advantages of the flexible TEGOSEM hopper:

- Tillage and application in a single pass
- Rapid and cost-effective application of microgranules or sowing of a cover crop up to 40 kg/ha
- Applied either before or after the rear roller
- Mounted close to the rear roller to guarantee uniform seed germination
- Loading platform with handrail for convenient and safe filling

TERRASEM: Single-shoot process

With the TERRASEM, in addition to surface seeding, an additional material can be applied using the single-shoot process. To do this, the material is metered by the TEGOSEM and fed by compressed air into the coulter pipes. The material is then applied by the seed coulters. This enables microgranules to be applied directly at the same time as the seed for the main crop or companion crop.

Flexible hopper TEGOSEM

Precision metering

With the TEGOSEM, the material is metered and distributed uniformly. Two different sizes of metering shaft are provided as standard to ensure precision distribution of the seeds or similar material using fine or coarse metering, even at low application rates.

Reliable surface application

The fan drive is either electric or hydraulic depending on the conveying distance and the type of machine. The material is applied to the surface pneumatically using distribution plates. This guarantees full surface application regardless of the wind conditions. The distributor plates are adjusted by changing the shaft angle to vary the distribution range.

Flexible TEGOSEM hopper combinations:

	Types of machines	Working width	Hopper location	Hopper volume	Weight including bracket
TEGOSEM 200 with electric fan drive	SYNKRO TERRADISC TERRADISC K FOX D LION VITASEM VITASEM M AEROSEM VT	2.5 m to 3.5 m 3.0 m to 4.0 m 4.0 m 3.0 m 3.0 m to 4.0 m 3.0 m and 4.0 m 3.0 m and 4.0 m 5.0 m and 6.0 m	Rear roller Rear roller central holder Rear roller Rear roller Loading platform Loading platform Loading platform	200 l	130 – 185 kg
TEGOSEM 200 with hydraulic fan drive system	TERRADISC K ROTOCARE V	5.0 m and 6.0 m 6.6 m and 8.0 m	Rear roller Main frame	200 l	135 – 185 kg
TEGOSEM 500 with hydraulic fan drive system	TERRIA PLANO VT TERRADISC T TERRASEM ROTOCARE V	4.0 m to 6.0 m 6.0 m 4.0 m to 6.0 m 3.0 m to 9.0 m 6.6 m and 8.0 m	Drawbar Drawbar Drawbar Drawbar Main frame	500 l	285 kg

Wide range of applications

The AMICO F hopper in combination with various arable machines offer the possibility to apply fertiliser or microgranules, cover crops or two components, at the same time. With capacities of 1,700 and 2,400 litres and a division of 60:40, a wide range of applications is guaranteed.

Greatest operational flexibility

To ensure convenient operation, the AMICO F is equipped with ISOBUS as standard. The material is conveyed by the pressurised hopper system and applied using the single-shoot process. One or two metering units can be controlled site-specifically by the intelligent control system.

Furthermore, the hopper can also be used in combination with equipment from other manufacturers thanks to the ISOBUS control system.

Convenient operation

The metering units are easily accessible from the front, so the metering wheels can be changed quickly, and there is a shut-off plate to make it even easier. Calibration can be performed conveniently from the ground using a calibration button. An additional loading platform makes it easier to fill the hopper. A large pressure-tight fitting is provided for emptying residual material.

AMICO F hopper

Transport large volumes a long way

In order to be able to achieve long conveying distances and provide maximum reliability, the AMICO features a pressurised hopper system. This enables consistently high volumes of material to be transported. Various materials of different sizes can be distributed for wide-ranging application flexibility.

Application examples

- Applying different types of cover crop
- Depositing microgranules with the seed
- Direct application of fertiliser
- Distributing fertiliser to compensate for nutrient depletion
- Banding fertiliser deposits
- Sowing different crops such as grass and clover simultaneously
- Planting companion crops to reduce biotic stress from weeds

AMICO F hopper combinations:

	For machine type	fan drive system	Hopper location	Volume (litres)	Weight
AMICO F	TERRIA 4030 TERRIA 5030 TERRIA 6030 TERRIA 4040 TERRIA 5040 TERRIA 6040	Hydraulic fan drive system	Tractors front linkage	1,700 l / 2,400 l	955 kg / 995 kg
AMICO F	TERRADISC 5001 T TERRADISC 6001 T TERRADISC 8001 T TERRADISC 10001 T	Hydraulic fan drive system	Tractors front linkage	1,700 l / 2,400 l	955 kg / 995 kg
AMICO F	AEROSEM F 3000 DD AEROSEM VF 4000 DD AEROSEM VF 5000 DD AEROSEM VF 6000 DD	Hydraulic fan drive system	Tractors front linkage	1,700 l / 2,400 l	955 kg / 995 kg
AMICO F	FLEXCARE V 4700 FLEXCARE V 6200 FLEXCARE V 9200	Hydraulic fan drive system	Tractors front linkage	1,700 l / 2,400 l	955 kg / 995 kg
AMICO F	Distribution system for flexible mounting	Hydraulic fan drive	Tractors front linkage	1,700 l / 2,400 l	955 kg / 995 kg

The best forage

The production of high-quality basic ration from meadows, pastures and whole crop is the basis of every grassland farm. High yield livestock need a high quality basic ration. Ruminants are fussy about their feed. The quality of the forage they are given largely determines their yield. Yet producing the best quality forage is no coincidence.

Mowers – for a first class cut

A mowing process that conserves the grass is the best basis for clean forage. Ultimately, this is about maintaining the correct cutting height of 6-8 cm. That is how crude ash ingress is reduced to a minimum right from the start of the harvest chain. At the same time, sufficient residual assimilation area remains for the grass to grow again more quickly.
Thanks to their unique ground tracking system, optimum weight alleviation of the cutter bar, and excellent cutting quality, our mowers give you the basis for a clean forage harvest and rapid regrowth of the plants.

Tedders – for the neatest spread pattern

If you harvest during the phase when the buds or panicles are forming, the crop has a dry matter content of around 20 %. In order for the crop to be stored properly, this value can still be raised to a greater or lesser extent by using a tedder. However, the risk of disintegration losses increases as the wilting process progresses.
The small diameter rotors and the sweeping tines on HIT tedders, in combination with matched rotor speeds, reduce the risk of disintegration losses to a minimum and at the same time ensure minimum dirt ingress.

Nothing rakes neater than a TOP rake

At the end of the harvest chain, it is a matter of getting all the forage lying in the field into the swath. Raking and collection losses must be kept to a minimum, while at the same time dirt ingress must be avoided.
Our range of TOP rotary rakes feature a unique ground tracking system that places the forage on the swath without contamination.

Mergers – because every leaf counts

Alfalfa and clover are among the crops that are considered particularly sensitive to disintegration losses during harvest. Here, the valuable leaves quickly fall off the stem, representing an enormous loss of nutrients.
MERGENTO collects the forage from the ground using the pick-up. Without further contact with the ground, cross conveyor belts transport the forage to the swath. Dirt and stones remain on the ground. Disintegration losses are reduced to a minimum.

Loader wagons – forage harvesting at its best

The loader wagon is a real all-rounder in the harvest chain. It can perform the tasks of crop collection, chopping and transport, all in one machine. Because it operates completely independently of other machines, the loader wagon can also react quickly to bottlenecks in compacting forage in the clamp. This allows forage to be collected from different fields and mixed at the clamp.
The low labour requirements and flexible applications make the loader wagon an excellent choice for mechanising your own farm and for contractors.

Round balers – the perfect flow

If the forage fields are far apart, or if ensiling is to be carried out in stages, or if only small quantities of forage need to be collected, then the harvest chain can be ideally optimised using round balers.
Because the crop is collected neatly and then chopped finely thanks to the unique short-chop knife bank, with the IMPRESS you can provide a perfect basic ration. For feeding livestock, round bales are perfect for mixing different crops and forage qualities.

First class cut

A precision mowing process is the starting point for high forage quality. Best-possible ground tracking, minimal disintegration losses and precision when working without time-consuming operation are what the industry demands. Our mowers meet precisely these requirements and deliver first-class cutting quality, smooth running and strength.

Clean forage, cut after cut.

The PÖTTINGER cutter bar features an impressively sleek and dynamic design. This guarantees excellent crop flow and the best ground tracking. The streamlined leading edge of the cutter bar allows the soil to flow underneath, separating it cleanly from the crop. Cleaning paddles prevent dirt from accumulating on the mower disc. The rounded disc surfaces improve the conveyor effect across the cutter bar. The clamped mower blades create a tidy mowing pattern.

Long service life

The spur gear drive runs in a straight line with virtually the same sized gears. On the gears there are always three teeth in contact with each other – this ensures optimum power transmission. Moreover, there is less stress on the individual gears in the event of stone impact. The specially ground surface of the gears submerged in gear oil ensures smooth running. This reduces the noise level considerably.

NOVACAT F ALPIN

NOVACAT F ALPIN mowers are the lightest in their class. The key feature of NOVACAT F ALPIN mowers is the integration of the drive train into the frame. The input gearbox is located in the main frame of the mower. Thanks to this unique design, the construction of the entire machine is shortened.

NOVACAT F front-mounted mowers

With the NOVACAT F front mower you can mow smoothly and cost effectively. This series is the ideal mix of low weight and the highest strength. Thanks to its lightweight construction and short headstock, this can be used with smaller tractors. You save fuel as a result.

OPTICURVE for neat cutting pattern on corners and on steep ground

The NOVACAT F 3100 OC is equipped with an arc-shaped side shift system. This guarantees a perfect overlap with the rear mower and ensures the tractor drives along a clear track free of forage when cornering and working on steep ground. The curved design makes it possible to use the entire width of the cutter bar, while systems with a straight shift leave several centimetres standing. With the optional Profiline comfort control system, the mower steers left and right automatically depending on the turning angle of the tractor or the inclination of the slope.

NOVACAT ALPHA MOTION MASTER / PRO

ALPHA MOTION trailed front technology is characterised by the sophisticated kinematics of the active support frame. Compared to other mounting systems, not only do the guide arms respond to every undulation of the terrain, but also the support frame itself.

- Side pitch +/- 16°
- Inclination adaptation on MASTER models: -7° / +13°
- Inclination adaptation on PRO models: -9° / +12°

First class cut

NOVADISC rear mowers with side pivot mounting

Our NOVADISC rear mowers with side pivot mounting are real lightweights and can be operated with tractors starting at 40 hp. They are designed to operate reliably on steep ground and for mowing embankments. Two suspension springs guarantee the cutter bar applies hardly any pressure to the ground. Weight alleviation is adjustable in three stages without the need for tools. For a compact transport position, the mower is folded through 102°.

NOVACAT rear mowers with centre pivot mounting

Low ground pressure and the best ground tracking – thanks to our NOVACAT rear mowers with centre pivot mounting. These mowers can be equipped with swathing discs or a conditioner to meet your individual requirements. Depending on the working width, the NOVACAT rear mowers are available with a vertical or horizontal transport position.

NOVACAT T trailed mowers

Our NOVACAT T trailed mowers with a working width of 3.04 m / 3.46 m are ideal for mowing with small tractors. On the trailed version with chassis, you do not need any lifting power, so you can also use lower power tractors. This helps you save fuel. You are sure to get three-dimensional ground tracking thanks to the freedom of movement enabled by the cutter bar being suspended in the portal frame. This ensures you get the best forage in any terrain.

NOVADISC rear mowers with side pivot mounting

The NOVADISC mower combinations offer high strength for the lowest weight. NOVADISC mower combinations are the lightest in their class. This allows you to operate them with small tractors starting from 85 hp. This means you save fuel and mow smoothly.

NOVACAT H 9500, H 11200

With the NOVACAT H mower combinations, PÖTTINGER sets new standards in terms of high output and efficiency. The NOVACAT H 11200 is the largest mounted mower combination available on the market. It gives you a full working width of 11.14 m with a power requirement of just 160 hp and the lowest fuel consumption. For the NOVACAT H 9500, tractors starting at 130 hp are all that is needed.

NOVACAT V 8400, V 9200

The two mower combinations NOVACAT V 8400 and V 9200 are our compact professionals. These mowers are characterised by intelligent technology for the best working quality and straightforward operation packaged in a compact but robust frame. Angled booms allow for an extremely short headstock. This creates a lighter-weight configuration with the centre of gravity closer to the tractor.

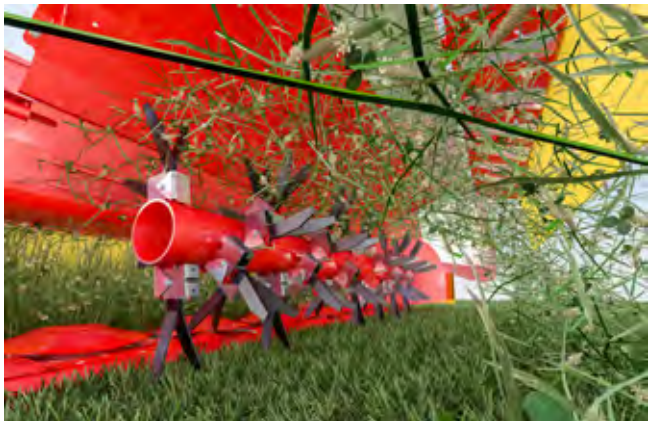
NOVACAT V 10000

The NOVACAT V 10000 mower combination is a combination with a special hydraulic cutting width optimisation system. This enables flexible width adjustment to differing operating conditions.

EUROCAT drum mowers

PÖTTINGER drum mowers ensure a perfect cut even in the most demanding conditions. Thanks to the four equal-sized mowing drums, they operate blockage-free and ensure an optimal flow of forage. High clearance and a narrow swath ideal for the loader wagon pick-up are additional advantages.

First class cut



ED tine-type conditioner

The V-shaped tines made of hardened steel on the ED tine conditioner accelerate the crop past a conditioning plate with conditioning bars. During this process, the stalks are beaten, rubbing off the wax layer. The conditioning intensity can be flexibly adapted to the crop by adjusting the distance between the tines and the counter flap.

RC roller conditioner

The RC roller conditioner is especially suitable for alfalfa and clover because it conserves the forage. Two rollers intermesh to uniformly crimp the stalks, break up the waxy layer and produce a uniform blanket of forage. The conditioning intensity can be adjusted by changing the gap and pressure between the two rollers.

COLLECTOR: proven swath merging system

With the COLLECTOR you can mow, condition and swath in just one pass. The mown crop can be placed to meet your requirements: as a wide blanket, in a swath, or wide-spread to one side. The cross conveyor belts can be pivoted hydraulically individually and can be easily removed if required. You have great flexibility in setting belt speeds. Uniform swath placement is possible even on steep ground.

CROSS FLOW: Swath merging without a conditioner

CROSS FLOW is a cost effective swath merging system using an auger integrated into the mower. CROSS FLOW works without a conditioner and is characterised by its light tare weight. The hydraulic rear panel opening system makes things even easier.

NOVACAT F ALPIN – front-mounted disc mowers

Our lightweight ALPIN mowers are perfectly suited to mountain tractors and twin axle mowers.

	Working width	Mower discs	Hectares per hour	PTO speed	Weight
NOVACAT F 2200 ALPIN	2.20 m	5	2.20	540 / 1,000 rpm	400 kg
NOVACAT F 2700 ALPIN	2.62 m	6	2.60	540 / 1,000 rpm	450 kg
NOVACAT F 3100 ALPIN	3.04 m	7	3.00	540 / 1,000 rpm	490 kg

NOVACAT – front-mounted disc mowers

The NOVACAT F models are the proven mowers with a compact design and low weight. The NOVACAT ALPHA MOTION delivers perfect weight alleviation and optimum ground tracking.

	Working width	Mower discs	Hectares per hour	Weight	Weight with ED	Weight with RC
NOVACAT F 2700	2.62 m	6	2.60	650 kg	–	–
NOVACAT F 3100	3.04 m	7	3.00	680 kg	–	–
NOVACAT F 3100 OC	3.04 m	7	3.40	690 kg	–	–
NOVACAT 261 ALPHA MOTION MASTER	2.62 m	6	2.60	845 kg	–	–
NOVACAT 261 ALPHA MOTION PRO	2.62 m	6	2.60	865 kg	1065 kg	1115 kg
NOVACAT 301 ALPHA MOTION MASTER	3.04 m	7	3.00	885 kg	–	–
NOVACAT 301 ALPHA MOTION PRO	3.04 m	7	3.00	905 kg	1145 kg	1215 kg
NOVACAT 351 ALPHA MOTION MASTER	3.46 m	8	3.40	965 kg	–	–
NOVACAT 351 ALPHA MOTION PRO	3.46 m	8	3.40	985 kg	1265 kg	1315 kg

SF = swath former, ED = EXTRA DRY conditioner, RC = ROLLER CONDITIONER, CF = CROSS FLOW swath merging without a conditioner, CL = COLLECTOR swath merging with a conditioner

First class cut

NOVADISC & NOVACAT – rear disc mowers

Our smooth-running NOVADISC mowers with side pivot mounting stand for high output and a clean cut at the lowest power requirement. With our NOVACAT centre pivot mounted rear mowers, you experience excellent ground tracking and weight alleviation.

	Working width	Mower discs	Hectares per hour	Weight	Weight with ED	Weight with RC
Rear disc mowers, side pivot mounting, without a conditioner						
NOVADISC 222	2.20 m	5	2.20	635 kg	–	–
NOVADISC 262	2.62 m	6	2.60	675 kg	–	–
NOVADISC 302	3.04 m	7	3.00	715 kg	–	–
NOVADISC 352	3.46 m	8	3.40	760 kg	–	–
Rear disc mowers with centre pivot mounting						
NOVACAT 262	2.62 m	6	2.60	910 kg	1160 kg	1230 kg
NOVACAT 302	3.04 m	7	3.00	930 kg	1260 kg	1330 kg
NOVACAT 302 CF	3.04 m	7	3.00	1400 kg	–	–
NOVACAT 352 V	3.46 m	8	3.40	1030 kg	–	–
NOVACAT 352	3.46 m	8	3.40	980 kg	1340 kg	1390 kg
NOVACAT 352 CF	3.46 m	8	3.40	1460 kg	–	–
NOVACAT 402	3.88 m	9	4.00	1040 kg	1390 kg	–
NOVACAT 442	4.30 m	10	4.50	1080 kg	–	–

NOVADISC & NOVACAT – mower combinations

The PÖTTINGER mower combinations are both productive and cost effective. Thanks to the swath merging COLLECTOR and CROSS FLOW, our mower combinations are even more versatile.

	Working width	Mower discs	Hectares per hour	Weight	Weight with ED	Weight with RC
NOVADISC 732	7.24 m	2 x 6	7	1250 kg	–	–
NOVADISC 812	8.08 m	2 x 7	9	1435 kg	–	–
NOVADISC 902	8.92 m	2 x 8	11	1560 kg	–	–
NOVACAT V 8400	8.12 / 8.36 m	2 x 7	10	1890 kg	2420 kg	2420 kg
NOVACAT V 9200	8.95 / 9.20 m	2 x 8	12	1990 kg	2620 kg	2620 kg
NOVACAT V 9200 CF	8.95 / 9.20 m	2 x 8	12	2900 kg	–	–
NOVACAT V 10000	8.88 – 10.02 m	2 x 8	12	2350 kg	3080 kg	3160 kg
NOVACAT V 10000 CF	8.88 – 10.02 m	2 x 8	12	3310 kg	–	–
NOVACAT V 10000 CL	8.88 – 10.02 m	2 x 8	12	–	3780 kg	3890 kg
NOVACAT H 9500	9.04 / 9.46 m	2 x 8	11	1800 kg	–	–
NOVACAT H 11200	10.72 / 11.14 m	2 x 10	13	2040 kg	–	–

NOVACAT T – trailed mowers

Trailed NOVACAT T mowers are ideal for cutting heavy crops. We achieve perfect three-dimensional ground tracking thanks to the fully-floating mower unit with optimised spring positions. The NOVACAT T models are available with COLLECTOR swath merging.

	Working width	Mower discs	Hectares per hour	Weight	Weight with ED	Weight with RC
NOVACAT 307 T	3.04 m	7	3.60	–	1991 kg	2051 kg
NOVACAT 3007 T	3.04 m	7	3.60	–	2131 kg	2190 kg
NOVACAT 3507 T	3.46 m	8	4.20	–	2206 kg	2286 kg
NOVACAT 307 T COLLECTOR	3.04 m	7	3.60	–	2530 kg	2545 kg
NOVACAT 3007 T COLLECTOR	3.04 m	7	3.60	–	2695 kg	2710 kg
NOVACAT 3507 T COLLECTOR	3.46 m	8	4.20	–	2825 kg	2890 kg

EUROCAT – drum mowers

Our EUROCAT drum mowers come into a class of their own in heavy and flattened crops. You benefit from first class mowing quality, the boost in crop flow and perfect swath formation.

	Working width	Hectares per hour	Weight	Weight with ED
EUROCAT F 2700	2.70 m	2.70	735 kg	–
EUROCAT F 3100	3.05 m	3.20	800 kg	–
EUROCAT F 3100 P	3.05 m	3.20	860 kg	–
EUROCAT 311 ALPHA MOTION MASTER	3.05 m	3.20	1025 kg	–
EUROCAT 311 ALPHA MOTION PRO	3.05 m	3.20	1045 kg	–
EUROCAT 311 ALPHA MOTION PLUS MASTER	3.05 m	3.20	1065 kg	–
EUROCAT 311 ALPHA MOTION PLUS PRO	3.05 m	3.20	1085 kg	1285 kg
EUROCAT 272	2.70 m	2.70	1030 kg	1290 kg
EUROCAT 312	3.05 m	3.20	1090 kg	–

"We have 70 dairy cattle on our farm. The quality of the forage is very important to us and that's why we take great care to make sure the mown crop is clean. The ground tracking of our PÖTTINGER rear and front mowers on our very hilly terrain is outstanding. We also appreciate the robustness and cost effectiveness of our mowers. They are easy to hitch and easy to operate. When hitching up we particularly appreciate the hydraulic lower linkage arm of our NOVACAT rear mower because it enables easy mounting without having to adjust the linkage struts on the tractor."

Pierre-Yves Michel
Managing Director of GAEC Des Cours
Domsure | Auvergne-Rhône-Alpes | France

The neatest spread pattern

Our proven rotary tedders deliver perfect ground tracking. Both the mounted and trailed tedders feature jockey wheels located close to the tine arc to react to any bumps. In addition, all frame joints follow every contour independently of one another. The tines do not touch the ground. Tedding crops carefully without contamination entering the forage is the result.

Four times cleaner with DYNATECH

The DYNATECH rotor unit is the heart of every PÖTTINGER HIT tedder. The engineered geometry of the tine carriers, a small rotor diameter and the offset length of the tine legs make DYNATECH unbeatable in delivering tedding work that is four times cleaner:

- Cleanly collected crop – nothing is left untouched
- Clean forage – minimum crude ash ingress
- Neat spread pattern – uniform distribution of the forage
- Clean machine – rotors remain free of forage

Different length tines

Different length tines deliver clean and tidy raking work. These have the decisive advantage that both legs are at the same distance from the ground.

- As a result, the tine unit picks up the forage cleanly and evenly from the ground.
- The inner tine leg does not scrape the ground and therefore does not contaminate the crop.
- The outer tine leg picks up the forage earlier and stays at ground level longer, improving the overlap of two adjacent rotors.

Perfect ground tracking

On our mounted tedders, the proven MULTITAST jockey wheel system ensures the forage stays clean and the sward is conserved. The optional jockey wheel on the pivoting headstock tracks the ground immediately in front of the tine path and responds to each undulation. The tines do not touch the ground.
On our high-output trailed tedders, the large wheels on the chassis are on the same axis as the tines' arc of forage contact. They support the machine in the working position and have the same function as the rotor jockey wheels during tedding work.

Reliable and durable

Our HIT tedders work with precision and at the same time are very smooth running. This is thanks due to backlash free drive joints. The maintenance free PTO shafts and constant velocity joints ensure that the tines are precisely spaced to pick up and spread the forage perfectly uniformly. Wear remains low. The joints can be rotated in every position, eliminating the possibility of operator error.

HYDROLIFT for linkage-mounted tedders

With the optional HYDROLIFT system, the outer pairs of rotors are actively raised into an interlock position by briefly actuating the spool valve. This system achieves an impressive ground clearance height.

LIFTMATIC PLUS for trailed tedders

On our high output HIT HT tedders, the rotors move into the horizontal position first before being raised. The tines do not touch the ground during lifting or during lowering. In addition, the high headland position prevents the tines from scraping the ground. The forage remains clean and the sward is protected.

The neatest spread pattern

HIT V ALPIN – mounted tedder

All our HIT V ALPIN linkage-mounted tedders feature a compact design. The short three-point headstock places the centre of gravity very close to the tractor, which enhances safety when working on steep ground. Hydraulic stabiliser struts smoothly return the machine to the centre position.

	Working width DIN	Transport width	Rotor	Arms per rotor	Weight
HIT V 4240 L ALPIN	4.20 m	2.45 m	4	5	300 kg
HIT V 4240 ALPIN	4.20 m	2.45 m	4	5	370 kg
HIT V 6260 ALPIN	6.20 m	2.55 m	6	5	500 kg

HIT – mounted tedder

The highest requirements of small to medium-sized farms are met in full by our HIT mounted tedders. Designed for all forage types, these machines provide you with optimum distribution quality and perfect crop take-up.

	Working width DIN	Transport width	Rotor	Arms per rotor	Weight
Four rotor tedder					
HIT 4.47	4.40 m	2.50 m	4	6	525 kg
HIT 4.54	5.20 m	2.85 m	4	6	550 kg
Six rotor tedder					
HIT 6.61	5.75 m	2.55 m	6	5	785 kg
HIT 6.69	6.45 m	3.00 m	6	6	855 kg
HIT 6.80	7.45 m	3.00 m	6	6	940 kg
Eight rotor tedders					
HIT 8.81	7.70 m	2.94 m	8	5	1090 kg
HIT 8.91	8.60 m	3.00 m	8	6	1250 kg
Ten rotor tedder					
HIT V 11100	10.70 m	3.00 m	10	6	1600 kg

HIT T – trailed tedders

The trailed tedders with four, six and eight rotors appeal to farmers who want to achieve high outputs with small tractors.
Thanks to the trailed design, no load is exerted on the tractor hitch.

	Working width DIN	Transport width	Rotor	Arms per rotor	Weight
HIT 4.54 T	5.20 m	2.85 m	4	6	640 kg
HIT 6.80 T	7.45 m	3.0 m	6	6	1040 kg
HIT 8.91 T	8.60 m	3.0 m	8	6	1510 kg

HIT HT – high output tedders

Especially on large silage farms that use mowers without conditioners, or on hay farms where the wilting period plays a major role within the often short fair weather windows, maximum output is required during tedding. With these trailed HIT HT tedders, we at PÖTTINGER combine high output with intelligent technology.

	Working width DIN	Transport width	Rotor	Arms per rotor	Weight
HIT HT 8680	8.60 m	2.90 m	8	6	1750 kg
HIT HT 11100	10.60 m	2.90 m	10	6	2095 kg
HIT HT 13120	12.70 m	2.90 m	12	6	2375 kg
HIT HT 17160	17.00 m	2.90 m	16	6	3850 kg

"As a supplier of high-quality hay to horse stables, forage quality is of great importance to us. Because the material needs to be as dust-free as possible, the ground tracking of the machinery has to be excellent. Following very positive experience with the MULTITAST jockey wheel system on the TOP 762 C centre-swath rake, we also chose PÖTTINGER for the tedder. The ground tracking is awesome thanks to the jockey wheel out in front and the rotors being mounted on individual frame sections. We also use another tedder, but the difference between that and the neat spread pattern of the HIT is immediately recognisable."

Sven Erlemeyer
Farmer
Ennepetal | Germany

Nothing rakes neater

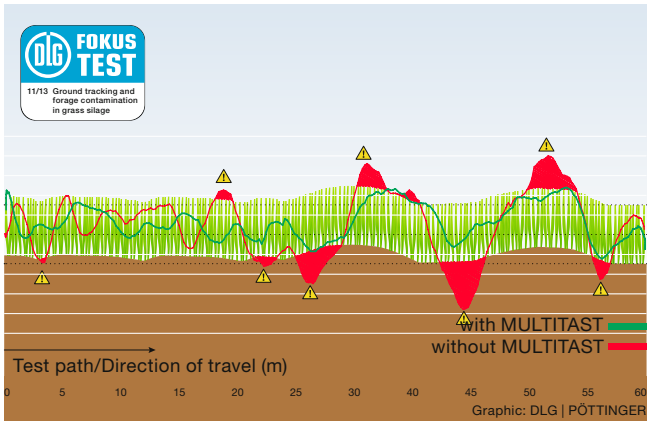
Precise raking and minimal forage contamination – that is what TOP rakes made by PÖTTINGER stand for. Perfect ground tracking thanks to the unique MULTITAST jockey wheel system provides the basis, Large-dimensioned and robust TOPTECH PLUS rotor technology also ensures a long service life and ease of maintenance.

Cleanly collected crop

PÖTTINGER tines are angled forward in a dynamic position. That is how they actively lift the forage away from the ground – like a pitchfork. Tine engagement is on a vertical axis with the tine carrier. The special feature of the PÖTTINGER tines is that the tine leg is only at a slight angle. Due to the lower leverage, they do not lift off even with large forage masses and pick up the forage thoroughly – nothing remains lying.

TOPTECH PLUS – reliable and durable

The large cam track on our TOP rakes features a diameter of 350 or 420 mm and a gentle rise. This means a gentle deflection of the tine control levers. Wear is greatly reduced as a result. You can be sure a long service life is achieved. The position of the cam track is infinitely variable adjustable. This means that you can define the exact tine withdrawal point and adapt it to your harvesting conditions.



DLG confirms forage conservation with PÖTTINGER MULTITAST jockey wheel

The MULTITAST wheel tracks the ground immediately in front of the tines and responds to each undulation. In addition, the size of the rotor's support triangle is greatly increased. This makes the rotors run more smoothly and suppresses vibrations.

The DLG Focus Test "Ground tracking and forage contamination in grass silage" confirms: The PÖTTINGER MULTITAST wheel delivers ideal ground tracking and clean forage. By comparison, the tines on the rotor without the MULTITAST wheel had five times more ground contact over a test distance of 60 metres. At the same time, the tines on the rotor without a jockey wheel skipped over the raking elevation three times more often and caused raking losses. During the test, dirt ingress was reduced by up to two thirds when raking with the MULTITAST jockey wheel system. For the given conditions, this meant a total of 23 g less crude ash per kg of dry matter.

Tandem axles

Many TOP rakes are equipped with tandem axles as standard. They are available as an option on all the others, and can be retrofitted quickly and easily. They halve the effect of any bumps in the ground. This ensures smooth running even at high speeds.

FLOWTAST

FLOWTAST is a glide bar that replaces the chassis to ensure the best reliability in challenging ground conditions. With FLOWTAST, your rake glides over even the bumpiest ground. Thanks to the large surface area of contact with the ground, deep wheel marks, holes or furrows no longer present a problem. In addition, this system has a larger load-bearing capacity compared to the chassis with wheels. This brings considerable advantages, especially on soft and damp ground. FLOWTAST is available as an option for the TOP 882 C.

Nothing rakes neater

TOP – single rotor rake

Our manoeuvrable single rotor machines are the ideal choice for smaller fields with a lot of corners. But they always deliver excellent working results, even on steep inclines.
For big output with small tractors, the TOP 422 A and 462 A rakes are also available as trailed versions.

	Working width	Transport width	Tine arms	Tine pairs per arm	Weight
TOP 342	3.40 m	1.95 m	10	4	474 kg
TOP 382	3.80 m	1.95 m	11	4	495 kg
TOP 422	4.20 m	2.29 m	12	4	730 kg
TOP 462	4.60 m	2.29 m	12	4	765 kg
TOP 422 A	4.20 m	2.13 m	12	4	820 kg
TOP 462 A	4.60 m	2.48 m	12	4	860 kg

TOP – twin rotor rake with side swath placement

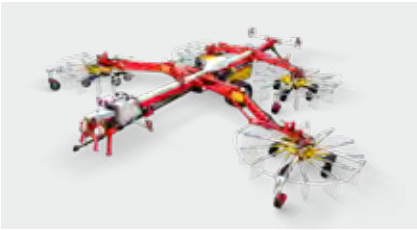
TOP side rakes are your reliable partners in forage harvesting. Depending on the harvesting strategy, the swaths can either be placed separately, or two swaths can be placed together to double the forage volume. Depending on the model, a dual swath function is also available.
We offer even more flexibility with our conveyor rakes – TOP 632 A, 692 A and TOP 782 A.

	Working width	Transport width	Tine arms	Dual tines per arm	Swath formation	Weight
TOP 652	6.40 m	2.95 m	10 / 12	4	left	2000 kg
TOP 662	6.55 – 7.30 m	2.55 / 2.90 m	2 x 12	4	right	1990 kg
TOP VT 6820 S	6.80 – 7.60 m	2.90 m	2 x 13	4	right	2400 kg
TOP VT 7620 S	7.60 – 8.60 m	2.90 m	2 x 13	4	right	2700 kg
TOP 632 A	3.40 – 6.30 m	1.90 m	2 x 12	4	left	1700 kg
TOP 692 A	3.70 – 6.90 m	2.13 m	2 x 12	4	left	1750 kg
TOP 782 A	4.10 – 7.80 m	3.73 m	2 x 12	4	left	1900 kg

TOP C – twin rotor rake with centre swath placement

TOP centre-swath rakes guarantee you get uniform swaths in all conditions. Their design makes them easy to operate. Thanks to the working width adjustment, on many models the swath width can be easily matched to the next harvesting machine.

	Working width	Transport width	Tine arms	Tine pairs per arm	Weight
TOP 612	5.90 m	2.70 m	2 x 11	4	1010 kg
TOP 612 C	5.90 m	2.55 m	2 x 11	4	1470 kg
TOP 702 C	6.25 – 6.90 m	2.55 / 2.90 m	2 x 11	4	1680 kg
TOP 762 C CLASSIC	6.75 – 7.50 m	2.55 / 2.90 m	2 x 11	4	1800 kg
TOP 762 C	6.75 – 7.50 m	2.55 / 2.90 m	2 x 13	4	1940 kg
TOP 882 C	7.70 – 8.80 m	2.90 m	2 x 13	4	2620 kg
TOP 962 C	8.90 – 9.60 m	2.95 m	2 x 15	4	3130 kg



TOP C – four rotor rake

The four-rotor rakes give you maximum output thanks to their large raking widths and the many well thought-out details. The enormous range of working width ensures maximum flexibility during operation. Clean and tidy work across the full working width is also guaranteed by the optional MULTITAST jockey wheel system.

	Working width	Transport width	Tine arms	Tine pairs per arm	Weight
TOP VT 12540 C	10.00 – 12.50 m	3.00 m	12 / 13	4	5200 kg
TOP 1403 C	9.00 – 14.00 m	3.00 m	4 x 13	4	6450 kg

"We need machines that have excellent ground tracking. That is really important to me and also the reason why we work with a PÖTTINGER rake.
We have a TOP 662 with MULTITAST jockey wheel system. This allows the hay to be picked up cleanly from the ground without the tines scratching and digging into the soil. That's how we can prevent dirt ingress into the forage."

Christophe Chambon
Farmer
Sancey | France

Every leaf counts

MERGENTO collects the forage from the ground using the pick-up. Without further contact with the ground, cross conveyor belts transport the forage to the swath. Dirt and stones remain on the ground. Disintegration losses are reduced to a minimum.

Controlled pick-up

The six-row controlled PÖTTINGER pick-up ensures maximum crop intake performance with minimum forage contamination. The crop is gently collected from the ground by the successive pick-up tines and accelerated towards the cross conveyor belt. The tines on the pick-up are angled forward in a dynamic position. This guarantees reliable and loss-free crop take-up, even with short forage. The cam track makes the tines retract just before the belt to ensure the best forage flow in all operating conditions.

Crop press roller

The crop press roller unit consisting of intake roller and baffle curtain ensures the continuous flow of crop from the pick-up to cross conveyor belt. The baffle curtain presses the forage into the pick-up. A channel is created that accelerates the forage towards the cross conveyor belt. The crop achieves sufficient momentum to be spread evenly over the entire depth of the belt, even when driving downhill. This unit guarantees perfect operation when raking permanent grassland and short-cut forage.

Cross conveyor belt

The cross conveyor belt is positioned much lower than the pick-up transfer point. The forage then falls freely onto the conveyor belt. The following forage pushes the material on the belt to make use of its full width. This guarantees perfectly shaped swaths and reliable operation both downhill and with short forage material. Lugs across the belt ensure that the crop continues to be transported in the direction of the swath, even when driving along contours and merging bulky crops such as hay.

Loose swath placement without dragging

On the MERGENTO, the cross conveyor belts take over the major part of transporting the crop. The forage only comes into contact with the tines of the pick-up for a short time. This has a huge advantage compared to rotary or comb rakes, because the crop goes through several movements without being dragged across the ground. The result is a loose, airy swath. This means that the forage can be raked into a swath in good time and yet it can still dry in the wind.

MERGENTO F ALPIN – front merger

The MERGENTO F 4010 ALPIN is perfect for lightweight tractors and twin axle mowers in alpine areas thanks to its low weight. The swath can be placed either on the left or on the right. You can also collect forage on the belt to transport it short distances.

	Working width (DIN)	Pick-up width (DIN)	Swath width	Power requirement	Weight
MERGENTO F 4010 ALPIN	4.00 m	3.08 m	0.40 – 1.00 m	60 hp	575 kg

MERGENTO VT – trailed merger with variable swath placement

The MERGENTO VT 9220 delivers maximum flexibility. You can flexibly adjust swath placement depending on the shape of the field, the volume of forage and the follow-up harvest machines: Centre swath placement, side swath on the left or right, two single swaths, convey from inside to outside, transport forage a short distance.

	Working width centre swath (DIN)	Pick-up width side swath (DIN)	Swath width centre swath	Power requirement	Weight
MERGENTO VT 9220	8.00 – 9.20 m	7.40 m	0.80 – 2.00 m	90 hp	4750 kg

World leader in loader wagons

Our range of PÖTTINGER loader wagons is characterised by smooth operation, high output and versatility: we offer a comprehensive product range extending from hay loader wagons to high-capacity silage wagons.

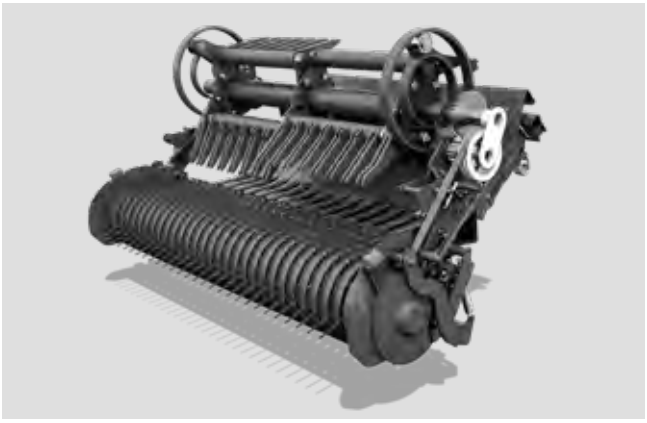
Smooth running and suitable for steep terrain

PÖTTINGER sticks to its roots. As a company based in Austria, we have always given alpine farming technology a high profile. Revolutionary developments in mechanising farming processes on steep terrain are milestones in PÖTTINGER's history; the legendary conveyor hay rake is a classic example.

Low profile loader wagon for high profile mountains

- A wide track width, low centre of gravity, suitable tyres and brakes on each axle enhance safety on steep ground.
- Cleat profile tyres are available as an option.

Loader wagons with tine conveyors



Top forage quality

Clean forage has the highest priority for healthy animals. A large freedom of movement and weight alleviation make the pick-up adaptable in bumpy terrain to conserve the soil.

- The pick-up is controlled from both ends by a steel cam track.
- The pick-up tines are controlled in a sweeping arc. This results in optimum protection of the sward, lower levels of dirt ingress and prevents unnecessary wear to the tines.
- Combined with the reduced speed of the rotor, the forage is not dragged but fed actively into the tine conveyors.

Versatile and convenient

PÖTTINGER has solved the challenge of low entrances when driving into sheds. Simply fold down the dry forage extension mechanically or hydraulically to reduce the overall height.

- The hydraulically operated tailgate is a well thought-out and convenient solution.
- The tailgate locking system (optional) is ideal for low-clearance building entrances. Using telescopic struts the opening angle of the tailgate can be fixed so it does not exceed the height of the wagon. The tailgate then only lifts upwards to the rear. As a result you can unload the wagon inside low sheds.

World leader in loader wagons

BOSS JUNIOR

The BOSS JUNIOR is PÖTTINGER's smallest loader wagon. It is particularly light and suitable for smaller tractors. These low profile wagons have DIN volumes of 11.5 m^3 or 14.25 m^3 and up to 12 knives.

	DIN volume	Knives	Chop length	Power requirements
BOSS JUNIOR 17 T	11.5 m^3	12	120 mm	15 – 44 kW / 20 – 60 hp
BOSS JUNIOR 22 T	14.25 m^3	12	120 mm	15 – 44 kW / 20 – 60 hp

BOSS 2000 ALPIN

A light-weight wagon for the highest loading performance on steep ground**.** Thanks to its low centre of gravity, wide tyres and braked axle, it ensures efficient and safe operation in alpine terrain.

	DIN volume	Knives	Chop length	Power requirements
BOSS 2140 LP ALPIN	13.5 m^3	16	84 mm	29 – 74 kW / 40 – 100 hp
BOSS 2160 LP ALPIN	16.1 m^3	16	84 mm	29 – 74 kW / 40 – 100 hp
BOSS 2190 LP ALPIN	18.7 m^3	16	84 mm	29 – 74 kW / 40 – 100 hp

Loader wagons with tine conveyors

BOSS 3000

The BOSS 3000 is the ideal loader wagon for small farms and farms in hilly areas that need high harvesting performance combined with good forage conservation. The innovative EVOMATIC loading system sets a new benchmark in throughput and ease of maintenance.

	Loading system	DIN volume	Knives	Chop length	Power requirements
BOSS 3190	SUPERMATIC	18.7 m³	31	43 mm	44 – 81 kW / 60 – 110 hp
BOSS 3190 MASTER	EVOMATIC	18.7 m³	31	43 mm	51 – 96 kW / 70 – 130 hp
BOSS 3210	SUPERMATIC	21.3 m³	31	43 mm	44 – 81 kW / 60 – 110 hp
BOSS 3210 MASTER	EVOMATIC	21.3 m³	31	43 mm	51 – 96 kW / 70 – 130 hp
BOSS 3240	SUPERMATIC	23.9 m³	31	43 mm	44 – 81 kW / 60 – 110 hp
BOSS 3240 MASTER	EVOMATIC	23.9 m³	31	43 mm	51 – 96 kW / 70 – 130 hp
BOSS 3270 MASTER	EVOMATIC	26.5 m³	6	172 mm	51 – 96 kW / 70 – 130 hp
BOSS 3190 LP	SUPERMATIC	18.7 m³	31	43 mm	44 – 81 kW / 60 – 110 hp
BOSS 3190 LP MASTER	EVOMATIC	18.7 m³	31	43 mm	51 – 96 kW / 70 – 130 hp
BOSS 3210 LP	SUPERMATIC	21.3 m³	31	43 mm	44 – 81 kW / 60 – 110 hp
BOSS 3210 LP MASTER	EVOMATIC	21.3 m³	31	43 mm	51 – 96 kW / 70 – 130 hp
BOSS 3240 LP	SUPERMATIC	23.9 m³	31	43 mm	44 – 81 kW / 60 – 110 hp
BOSS 3240 LP MASTER	EVOMATIC	23.9 m³	31	43 mm	51 – 96 kW / 70 – 130 hp
BOSS 3210 DB MASTER	EVOMATIC	20.5 m³	31	43 mm	51 – 96 kW / 70 – 130 hp
BOSS 3240 DB MASTER	EVOMATIC	23.1 m³	31	43 mm	51 – 96 kW / 70 – 130 hp

PRIMO

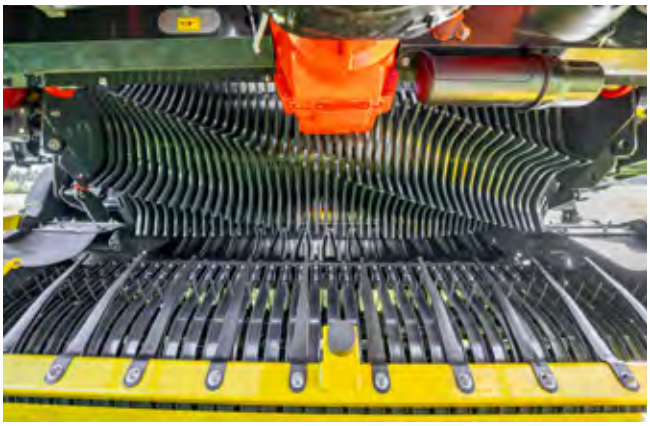
The PRIMO was developed as a smooth running loader wagon with forage conserving tine conveyors. This model is also available as a silage trailer with an all-steel superstructure. PRIMO 701 / 801 DRY FORAGE are wagons especially for harvesting hay and straw.

	DIN volume	Knives	Chop length	Power requirements
PRIMO 401 L	25.5 m³	31	45 mm	51 – 96 kW / 70 – 130 hp
PRIMO 451 L	28.5 m³	31	45 mm	51 – 96 kW / 70 – 130 hp
PRIMO 501 L	31.5 m³	31	45 mm	51 – 96 kW / 70 – 130 hp
PRIMO 701 L DRY FORAGE	39 m³	6	210 mm	51 – 96 kW / 70 – 130 hp
PRIMO 801 L DRY FORAGE	48 m³	6	210 mm	51 – 96 kW / 70 – 130 hp

LP = low profile, DB = discharge beaters, L = without beaters

World leader in loader wagons

It's harvest time and the highest quality of forage must be brought in. High quality forage in the basic ration saves having to use expensive concentrates and delivers a higher yield. It is good to know that you are saving in several places at once. That is because the loader wagon is the undisputed forage harvesting process with the lowest costs.



Efficiency and high output

The controlled pick-up guarantees the maximum transfer rate. The transfer zone from the pick-up tines to the rotor has been optimised and adapted to high throughput With six or seven rows of tines, the floating pick-up delivers impressive performance, even at high driving speeds and in difficult harvest conditions, for reliable high speed intake.

The loading rotors are robust, powerful and individually adapted to each loader wagon series. They ensure reliable crop collection, perfect transfer from the pick-up and ensure high throughput during chopping and compaction. The best possible compression is achieved on all models using optimised tine geometry in combination with the large scraper surfaces inside the loading chamber.

Loader wagons with loading rotors

Top forage quality

High yield dairy cattle need a high quality basic ration with the optimum structure. This is readily consumed by the animals in sufficient quantities. That is the best way to prepare the rumen to process the forage as productively as possible.

This newly-developed additional tracking roller is located behind the middle of the pick-up. Being located in the centre prevents it from sinking into tractor wheel marks and as a result guarantees perfect ground tracking and clean forage.

The highest silage quality

To achieve good fermentation in the silo, the forage must be chopped precisely and cleanly.
Thanks to the short-chop knife bank, the flow of forage is cut precisely and uniformly. The forage is perfectly structured for ruminants. An optimum distance between the knives and tines ensures smooth operation and protects the knives from foreign objects.

A precise and consistent chop is the basis for the best silage quality. The AUTOCUT knife sharpening system delivers consistent chopping quality throughout the whole working day.
It conveniently sharpens the knives directly on the loader wagon, which significantly reduces fuel consumption and the time needed for maintenance.

World leader in loader wagons

FARO / FARO COMBILINE

With the FARO series, we meet your demand for high performance rotor technology for medium sized tractors. The rotor with dual tines is especially suitable for handling hay.

	DIN volume	Knives	Chop length	Power requirements
FARO 3510 L / D	24 / 23 m³	31	45 mm	66 – 110 kW / 90 – 150 hp
FARO 4010 L / D	27 / 26 m³	31	45 mm	66 – 110 kW / 90 – 150 hp
FARO 4010 L / D COMBILINE	23 / 22 m³	31	45 mm	66 – 110 kW / 90 – 150 hp
FARO 4510 L / D	30 / 29 m³	31	45 mm	66 – 110 kW / 90 – 150 hp
FARO 5010 L / D	33 / 32 m³	31	45 mm	66 – 110 kW / 90 – 150 hp
FARO 8010 L DRY FORAGE	48 m³	11	135 mm	66 – 110 kW / 90 – 150 hp
FARO 10010 L DRY FORAGE	52 m³	11	135 mm	66 – 110 kW / 90 – 150 hp

EUROPROFI COMBILINE multipurpose loader wagon

The EUROPROFI guarantees smooth running, high output and convenient operation. High performance with the ability to handle a variety of tasks and deliver a chopped length of 39 mm. Our customers are delighted with this wagon concept.

	DIN volume	Knives	Chop length	Power requirements
EUROPROFI 4510 L / D COMBILINE	26 / 25 m³	35	39 mm	96 – 162 kW / 130 – 220 hp
EUROPROFI 5010 L / D COMBILINE	29 / 28 m³	35	39 mm	96 – 162 kW / 130 – 220 hp
EUROPROFI 5510 L / D COMBILINE	32 / 31 m³	35	39 mm	96 – 162 kW / 130 – 220 hp

L = without beaters, D = with beaters

Loader wagons with loading rotors

JUMBO multipurpose loader wagon

The JUMBO is the high-performance silage wagon in the PÖTTINGER harvesting chain. This series unites the key features of forage harvesting and transport in a single unit.
The short chop knife bank ensures you get the best quality forage and outstanding reliability. What's more, the JUMBO offers maximum cost effectiveness and efficiency, as well the highest level of convenience and lowest maintenance requirement.

	DIN volume	DIN volume with raised loading chamber for 26.5" tyres	Knives	Chop length	Power requirements
JUMBO 5320 DB	32 m³	33.6 m³	45	34 mm	118 – 265 kW / 160 – 360 hp
JUMBO 5340	34 m³	35.6 m³	45	34 mm	118 – 265 kW / 160 – 360 hp
JUMBO 5370 DB	37 m³	39 m³	45	34 mm	118 – 265 kW / 160 – 360 hp
JUMBO 5390	39 m³	41 m³	45	34 mm	118 – 265 kW / 160 – 360 hp
JUMBO 5450	45 m³	47.3 m³	45	34 mm	118 – 265 kW / 160 – 360 hp
JUMBO 5540 DF	54 m³	–	45	34 mm	118 – 265 kW / 160 – 360 hp
JUMBO 7380 DB	38 m³	40 m³	48	34 mm	147 – 368 kW / 200 – 500 hp
JUMBO 7400	40 m³	42 m³	48	34 mm	147 – 368 kW / 200 – 500 hp
JUMBO 7450 DB	45 m³	47.3 m³	48	34 mm	147 – 368 kW / 200 – 500 hp
JUMBO 7470	47 m³	49.3 m³	48	34 mm	147 – 368 kW / 200 – 500 hp
JUMBO 7520 DB	52 m³	54.6 m³	48	34 mm	147 – 368 kW / 200 – 500 hp
JUMBO 7540	54 m³	56.6 m³	48	34 mm	147 – 368 kW / 200 – 500 hp
JUMBO 8380 DB	38 m³	40 m³	65	25 mm	169 – 368 kW / 230 – 500 hp
JUMBO 8400	40 m³	42 m³	65	25 mm	169 – 368 kW / 230 – 500 hp
JUMBO 8450 DB	45 m³	47.3 m³	65	25 mm	169 – 368 kW / 230 – 500 hp
JUMBO 8470	47 m³	49.3 m³	65	25 mm	169 – 368 kW / 230 – 500 hp
JUMBO 8520 DB	52 m³	54.6 m³	65	25 mm	169 – 368 kW / 230 – 500 hp
JUMBO 8540	54 m³	56.6 m³	65	25 mm	169 – 368 kW / 230 – 500 hp

"We only need one tractor for compaction"

"The higher number of knives ensures that the grass is chopped shorter. Silage making is a lot easier as a result because the grass can be compacted more easily.
We used to use two tractors, and now we only need one tractor for compaction.
Although the JUMBO 8000 is equipped with more knives, it turned out that no additional tractor power is needed with the new drive system.
We still use the same tractor and it has no problems powering the loader wagon.
So for us, the loader wagon has only advantages."

Martin Fisker
Farmer
Mørke | Denmark

DB = discharge beaters , DF = Dry Forage

For all operating conditions

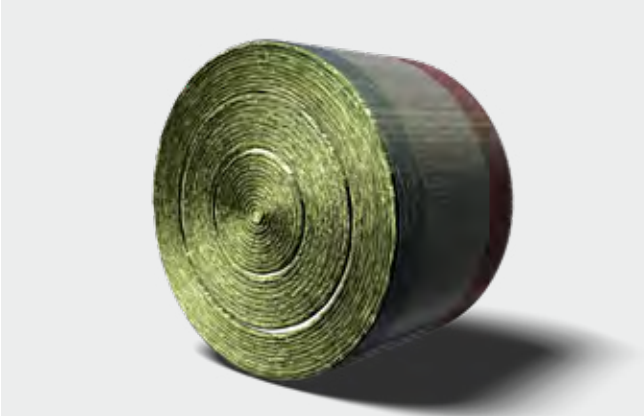
Agriculture needs reliability. Regardless of whether the sun is shining or it is raining, or whether you are baling straw, hay or silage; reliability in all operating conditions is a key feature of the PÖTTINGER IMPRESS.

Reliability

Reliability starts with collecting the crop. The floating pick-up on the IMPRESS is suspended from the centre. Steel cam tracks at each end of the pick-up control the tine carriers. This enables the pick-up to run at a lower speed. Together with the gently swept back tines, the system reacts less aggressively on contact with the ground so that less material is ejected forwards. As a result, the pick-up always collects all the crop cleanly and tidily. Regardless of whether working with wet, short, heavy forage or when driving downhill.

The perfect flow

The completely new crop flow path on the IMPRESS delivers increased throughput at a lower power requirement while conserving the crop even better than before. Without deflections, the forage is fed from the pick-up to the rotor and into the baling chamber. The rotor rotates upwards to efficiently convey the forage through a bank of up to 32 knives. It then passes tangentially into the baling chamber to smoothly join the circumference of the bale. The dynamics of the forage flow together and the four starter rollers ensure reliable bale rotation in all conditions.

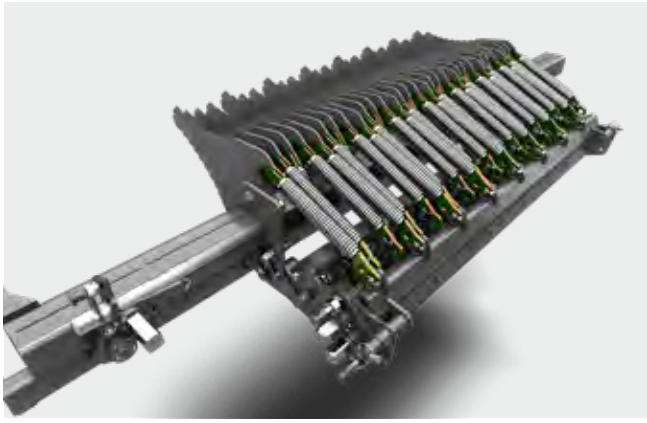


Maximum versatility

There are many equipment options available to increase the versatility of the IMPRESS. For example, the variable chamber presses are equipped as standard with a 3-zone soft core setting system. The zones and bale size can be infinitely adjusted using the control terminal. The baling pressure can be adjusted from the tractor cab on all models.
Thanks to its short chop knife bank and „perfect flow“ system, the PÖTTINGER IMPRESS is proficient at all baling tasks.

Short chop to loader wagon standards

The chopping system can be equipped with up to 21 knives. Group switching is provided as standard so it is possible to react quickly to different requirements. All the knives are individually protected against overload The TWINBLADE reversible knives have two cutting edges. They can be turned around instead of replaced. This makes it possible to keep the chop quality consistently high throughout the day and the power requirement low.



Convenience

A high level of operating convenience reduces the strain on the driver. This means that you are able to work longer and still enjoy doing a satisfying job. A wide range of PÖTTINGER IMPRESS equipment options contributes to this. The PRO models come up trumps with automatic functions, so that the driver simply keeps going until the stop signal is displayed. The baler does the rest. For longer working days in the field, the optional LED lighting helps with operation and maintenance. The moisture meter indicates whether the dry material is suitable for storage.

EASY MOVE knife bank system

The pull-out knife bank on the PÖTTINGER IMPRESS is unique. This feature was previously only available on loader wagons. You are therefore outside the danger zone of the tailgate when changing the knives and can work ergonomically while standing upright. There are no jammed knives or dummy knives on the IMPRESS. Because the chopping system is suspended from the top of the rotor, it is naturally kept clean thanks to gravity.

For all operating conditions

Top forage quality

The controlled, floating pick-up is a guarantee that nothing is left behind and that the ground is not touched. Short chopped lengths allow the crop to be compacted better. Nobody chops shorter than the 36 mm on the IMPRESS, which chops short over the entire width of the bale. Optimum, uniform compaction is the result. This forms the basis for a rapid pH value reduction in silage preparation. In addition, the short chop ensures a better forage structure and makes it easier to break up the bales.

Binding film all round

Film & film binding increases the quality of your forage even further. The binding film is pre-tensioned higher than net. This prevents the bale from expanding after leaving the baling chamber. Because the film is also tensioned over the bale edges, it prevents a shoulder forming that would otherwise trap pockets of air. PÖTTINGER is one of the first manufacturers to offer film & film binding on all models of baler. No matter whether it is a fixed or variable chamber baler (F/V), solo or wrapper combination (FC/VC).

Fixed chamber round balers

The fixed chamber on the F models has 18 chain-driven rollers to form uniform, high-stability bales. The front seven rollers make sure the bale rotates in every situation, even with straw.
The material to be baled is compressed until the pressure on the tailgate sensor reaches the pressure set on the terminal. Binding takes place automatically or at the touch of a button, depending on the setting.

Balers with a variable baling chamber

The variable chamber models have three endless belts with a hydraulically-adjustable pressure-controlled belt tensioner. The three endless belts in conjunction with the four starter rollers make sure the bale rotates in every situation. Bale diameter and density can be set from the driver's seat.
Short chop with 32 knives for all operating conditions.
A variable chamber baler for the whole year.

Baler & wrapper combinations

The IMPRESS baler/wrapper combinations are equipped with a high performance wrapper unit. Only by wrapping the silage bales immediately can the best forage quality be achieved. Like the balers, the wrapper unit is also very flexible in use. It can handle bales between 1.1 and 1.5 m. Hay or straw bales can be loaded continuously up to 1.85 m or deposited in pairs. The bales are transferred reliably from the baler to the wrapper even on slopes. The tandem chassis tracks extremely accurately while conserving the soil.

For all operating conditions

IMPRESS F

The fixed chamber balers have 18 chain-driven compression rollers to form uniform, highly stable bales.

	System	Bale diameter	Knives / spacing	Power requirement
IMPRESS 3130 F MASTER	Fixed chamber	1.30 – 1.35 m	16 / 72 mm	59 kW / 80 hp
IMPRESS 3130 F PRO	Fixed chamber	1.30 – 1.35 m	32 / 36 mm	74 kW / 100 hp

IMPRESS V

The variable chamber balers have three endless belts with a hydraulically-adjustable pressure-controlled belt tensioner. The three endless belts make sure the bale rotates in every situation, even with short chopped crop material.

	System	Bale diameter	Knives / spacing	Power requirement
IMPRESS 3160 V	3 endless belts	0.8 – 1.55 m	–	59 kW / 80 hp
IMPRESS 3160 V MASTER	3 endless belts	0.8 – 1.55 m	16 / 72 mm	59 kW / 80 hp
IMPRESS 3160 V PRO	3 endless belts	0.8 – 1.55 m	32 / 36 mm	74 kW / 100 hp
IMPRESS 3190 V	3 endless belts	0.9 – 1.85 m	–	59 kW / 80 hp
IMPRESS 3190 V MASTER	3 endless belts	0.9 – 1.85 m	16 / 72 mm	59 kW / 80 hp
IMPRESS 3190 V PRO	3 endless belts	0.9 – 1.85 m	32 / 36 mm	74 kW / 100 hp

IMPRESS PRO baler & wrapper combinations

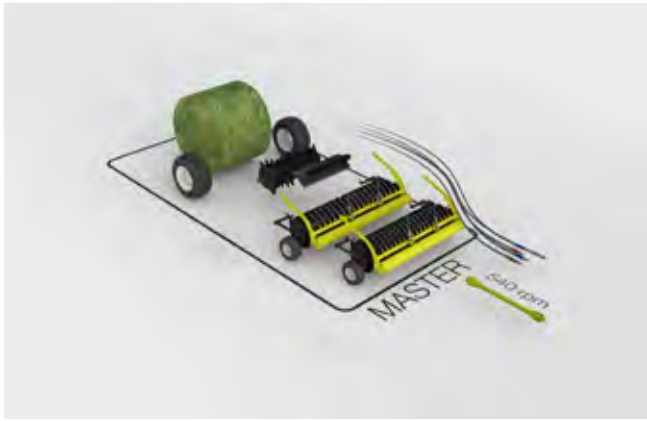
Direct wrapping, continuous loading or double bale placement. New, high performance, matched to the output of the baler. The height of the film pre-stretch unit is adjustable on the wrapper for bale diameters between 1.10 and 1.50 m.

	System	Double wrapper arm	Hydraulic performance	Power requirement
IMPRESS 3130 FC PRO	Fixed chamber	36 rpm	60 l/min, 180 bar	96 kW / 130 hp
IMPRESS 3160 VC PRO	3 endless belts	36 rpm	60 l/min, 180 bar	96 kW / 130 hp
IMPRESS 3190 VC PRO	3 endless belts	36 rpm	60 l/min, 180 bar	96 kW / 150 hp

IMPRESS

The PÖTTINGER IMPRESS models without a chopping system are available with a variable baling chamber.

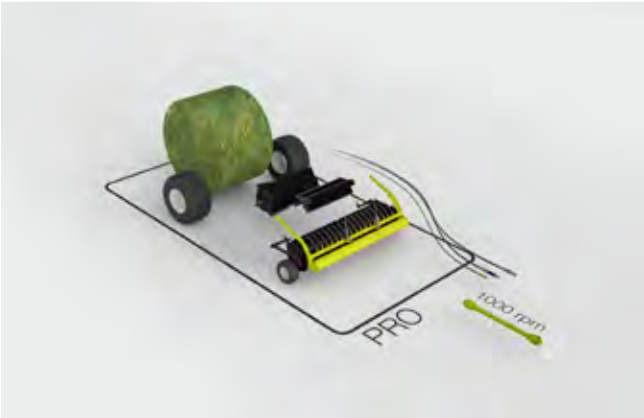
- Feed rotor
- No chopping system
- PTO speed: 540 rpm, optional 1,000 rpm
- Pick-up width: 2.05 m, optional 2.30 m
- Terminal: SELECT CONTROL
- Standard tyres: 380/55-17



IMPRESS MASTER

The PÖTTINGER IMPRESS MASTER models are available with a fixed or variable baling chamber.

- Chopping rotor
- Chopping system with 16 knives
- PTO speed: 540 rpm, optional 1,000 rpm
- Pick-up width: 2.05 m, optional 2.30 m
- Terminal: SELECT CONTROL
- Standard tyres: 380/55-17



IMPRESS PRO

On IMPRESS PRO models the standard pick-up width is 2.30 m.

- Short chop rotor
- Chopping system with 32 knives
- PTO speed: 1,000 rpm
- Pick-up width: 2.30 m
- Terminal optional: POWER CONTROL, EXPERT 75, CCI 1200
- Standard tyres: 500/50-17 (FC/VC: 520/50 R 22.5)

For the welfare of wildlife and livestock

The timing of the first cut in grassland farming coincides with the fawning season of roe deer and other wild animals. Due to their natural reflex to seek cover, fawns do not run away from danger. This instinctive behaviour makes it especially difficult to spot animals hiding in the grass. It happens over and over again that animals are seriously injured or even killed during mowing.

Mowers raised

SENSOSAFE is an automated sensor-based assistance system that detects animals; this convenient system enables you to identify fawns and other wild animals hiding in the field. A sensor bar, which is mounted in front of the mower, scans the crop directly during the mowing process. Depending on the system, it either warns the driver or automatically raises the mower unit and saves wildlife. You prevent carcasses from contaminating your forage and avoid the risk of your cattle contracting life-threatening diseases such as botulism. This system helps you protect wildlife and your livestock at the same time.

Simple operation

SENSOSAFE is operated using the SELECT CONTROL terminal. The triggering sensitivity can be fine-tuned.
If an animal is detected, the system signals the driver both visually and acoustically. When SENSOSAFE is mounted on an ALPHA MOTION front mower, the mower is lifted automatically by the SELECT CONTROL system. Folding into the working or transport position is also operated using the control terminal.

SENSOSAFE

The sensor bar is mounted directly on the front mower. If the sensors detect an animal, the mower's hydraulics system automatically raises the front mower. In addition, it sends a signal to the tractor cab so that the driver can stop the tractor. SENSOSAFE is available as an option for NOVACAT ALPHA MOTION MASTER and PRO mowers.

	Working width	Weight
SENSOSAFE	3.00 m / 3.50 m	145 kg / 150 kg

SENSOSAFE 300

The SENSOSAFE 300 was developed for mowers up to approx. 3 metres wide and is fitted to a mounting frame and utilises the tractor's hydraulics. The sensors send a signal to the tractor cab if anything is detected. When used with a rear mower, the system is mounted on the front linkage. When used with a front mower, the system scans the next pass. SENSOSAFE 300 is manufacturer-independent and can be used with your existing mower.

	Working width	Transport height	Transport width	Weight
SENSOSAFE 300	3.00 m	3.95 m	1.26 m from the centre	145 kg

SENSOSAFE 1000

SENSOSAFE 1000 is designed for mower combinations between 8 and 10 metres wide. The sensor bar is fitted to a mounting frame on the front linkage. The sensors send a signal to the tractor cab if anything is detected. This gives the driver plenty of time to stop the tractor and raise the mower.
This solution is manufacturer-independent and can be used with your existing mower.

	Working width	Transport height	Transport width	Weight
SENSOSAFE 1000	8.00 m – 10.00 m	3.40 m	2.50 m	250 kg

For the highest silage quality

Producing the best quality basic ration is the prerequisite for healthy, high-yield animals. During the ensiling process, lactic acid bacteria inoculant can be added to the forage to ensure a rapid drop in pH value in the clamp so that the silage is stable.

One product for multiple applications

The LIQUIDO F from PÖTTINGER is designed as a front silage additive tank.

However, it is more than a simple silage additive tank; it's a real all-rounder. The three components, consisting of a silage additive system, front ballast and a front bumper, are combined in just one machine. The multiple functions offered by the LIQUIDO F allow it to be used flexibly at any time in any working conditions, making it a cost effective all-rounder.

Filling up, adding and mixing, cleaning

The LIQUIDO F silage additive tank is a combination of three different tanks:

- Main tank
- Fresh water tank
- Hand washing tank

This configuration of equipment is unique on the silage additive market.
The tank combination makes it possible to fill the tank, mix in the silage additives, and then wash your hands. At the end of the harvesting process you can flush out the hoses.

Homogeneous application of the silage additive

The nozzle header is installed between the pick-up and rotor on the harvest machine. The nozzle header is connected to the hose on the tractor and the rest of the system using a screw coupling.

Depending on the model, the nozzle header has 2 or 4 nozzles that apply the silage additive directly to the forage. The additional 2 nozzles on the LIQUIDO F 3000 open automatically if the throughput increases to ensure full coverage.

Digital flowrate measurement

Digital flowrate measurement is carried out by the flowmeter. This measures the flowrate currently being applied. On the LIQUIDO F 3000, the flowrate can also be regulated.

Thanks to the flowmeter, it is possible to react easily and efficiently to varying operating conditions.

Practical features

The LIQUIDO F includes many helpful features, from a fill level indicator and hitch attachment to a toolbox and optional parking rollers.

Depending on the set-up, data such as application rate per load or customer job can be displayed at any time to enhance smooth operation.

	LIQUIDO F 2000 NEW	**LIQUIDO F 3000** NEW
Tank volume	200 l	200 l
Tank volume optional	400 l	400 l
Basic weight	500 kg	1000 kg
Basic weight with max. ballast	1000 kg	1500 kg
Transport length	1150 mm	1150 mm
Transport width	2250 mm to 2850 mm	2250 mm to 2850 mm
Number of nozzles	2	4
Flowrate	40 l/min to 245 l/min	40 l/min to 470 l/min

Optimisation of the silage harvest chain

HARVEST ASSIST

Achieve higher harvesting performance by using the free HARVEST ASSIST app. The app optimises the sequences between the mowers, tedders, rakes, mergers, loader wagons, round balers, and other individually configurable machines. This avoids delivery peaks at the clamp. The result is a mass flow-dependent field processing sequence for dynamic harvesting. The compaction vehicle at the clamp can then neatly distribute and compact each load of crop delivered one by one to produce the best forage.

Clear and intuitive

The status of each field is colour coded to indicate whether it is currently being processed, ready for the next process or whether harvesting has already been completed. This way, everyone in the team can see what is happening in which field right now.

For intuitive operation

The app can be opened on your smartphone, so no additional hardware is required. You will quickly find your way around, because the app is designed so intuitively. For easy documentation, the each load is counted based on GPS data to determine the yield.

Simple and fast capture of the fields

Adding a field is intuitive, and allows fields to be created and processed. Site-specific field conditions can be defined to assist the drivers, for example if the field is especially steep or wet. In addition, yield and dry matter are determined for documentation of the silage mass.

Working cost-effectively

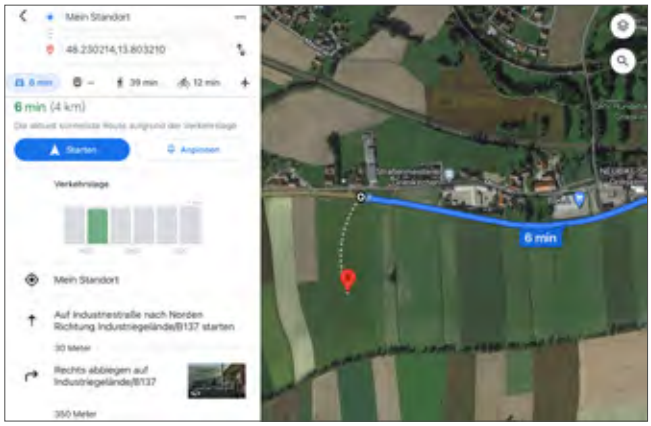
The locations of the harvest machines are displayed in real time. This makes it easier to coordinate and display operations. Empty runs and unnecessary journeys are avoided. Because there is an integrated route planner, it is easy to navigate between the field and the clamp. People who are not familiar with the farm can immediately spot the fields that are displayed and easily find their way to their next field.

Dynamic route guidance

The machines are deployed dynamically to the fields according to the set strategy. Multiple harvesting machines can be deployed manually or automatically. This creates an automatic harvesting schedule that can be worked through field by field. As a result, there is a constant flow of material to the clamp so it can be optimally compacted.

Navigating to the clamp

In addition to providing navigation to the field, the navigation function also shows the route back to the clamp. This new function can be used to add clamps and navigate to them directly.



Navigation to the field

Using the navigation function, the direct route to the field entrance is displayed in seconds. The entrance to each field can be clearly defined. This ensures the field is accessed efficiently.

This QR code takes you directly to the app.

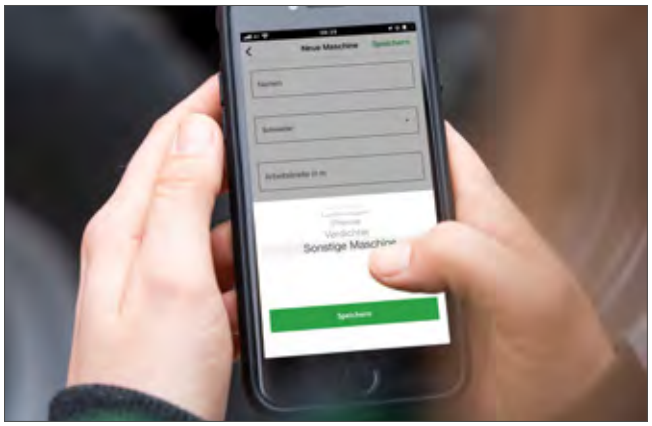
Optimisation of the silage harvest chain

Round bale detection

The number of harvested and deposited bales can be displayed in each field. This means that the driver knows which fields they still need to go to and how many bales are still in each field. The number of bales also provides an indication of the harvesting performance. This enables you to keep track of your grass and whole crop harvest at any time.

Live location

The location of each team member is displayed in real time. An overview of all group members is therefore provided. Communication becomes easier as a result.



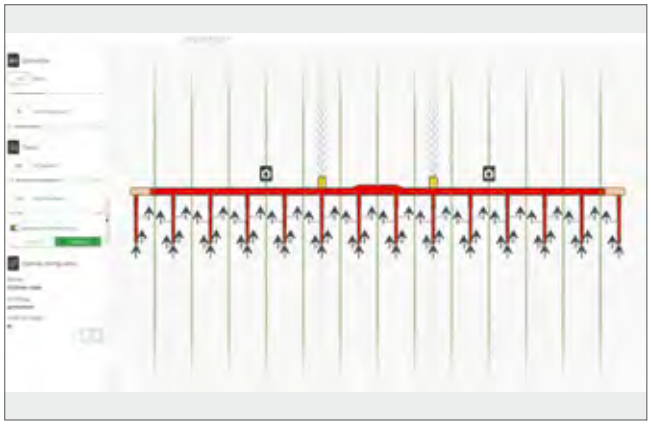
Other machines

Now you can add bale handling machines and transport trailers using the new "other machines" category. This gives everybody involved in the harvest an even better overview of where each machine is deployed. The HARVEST ASSIST app facilitates navigation and planning, and you get a clear overview of every machine in the fleet, regardless of make.

Software

ROW CROP ASSIST makes row widths easy

With its machines and digital solutions, the arable farming specialist PÖTTINGER is helping to make crop care work easier and even more precise. The new online application ROW CROP ASSIST gives interactive support to get the optimum configuration of FLEXCARE row crop cultivators. First, it requests information on the planting process and the tractor that will be used for the crop care work. The application then shows the optimum row crop cultivator configuration in a way that is clear and accessible to everyone.



Working close to the crop

Regardless of whether maize, sugar beet or soybeans, it is important to work as close to the plant as possible to get optimum working results. On the FLEXCARE row crop cultivator, both the row widths and the number of weeding tools are variable.

The ROW CROP ASSIST app provides support before and after buying a row crop cultivator to configure the machine in the best way possible depending on the seed drill and crop care technology used.

Adapts flexibly to your tractor

The track and tyre width of the existing tractor can be entered in ROW CROP ASSIST.

Based on specified row width and number of rows, ROW CROP ASSIST shows you the best FLEXCARE configuration.

In addition to the optimum machine width, the correct number and setting of the weeding tools (symmetrical, asymmetrical) are also displayed. The offset is calculated automatically.

This QR code takes you directly to the app.

TRAMLINE ASSIST for a perfect match

To set up an optimal tramline system, you need to coordinate your machinery. TRAMLINE ASSIST helps you to do this. When choosing your seed drill, parameters such as the working width of your crop care machines, as well as tractor track width and tyre widths are critical for optimising tramlining. TRAMLINE ASSIST determines the tramline rhythm for you, the position of the tramlines, and the number of rows that need to be switched off.

Selecting machine parameters

You can select your required or existing parameters in the seed drill menu.

- Seed drill: Choose from all current mechanical and pneumatic seed drills available
- Row spacing along with number of rows
- Choose between the first row of plants with half working width, or start with full working width
- Choose which side of the crop sprayer starts first, left or right

The tramline rhythm is displayed according to your settings and the coulter pipes that need to be switched off for the tramline.

Select tramlines

Here you select the parameters for your crop protection machinery.

For example these include the working width of the sprayer and fertiliser spreader, along with the track and tyre width of the crop care tractor. You can also define a safety distance of 0 to 5 cm between the tyre and the closest seed rows.

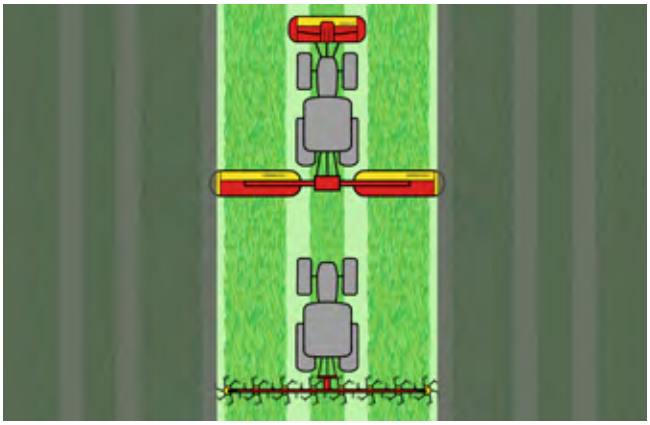
This ensures that the machine is factory-configured with the right track width and tyres.

This QR code takes you directly to the app.

Software

HAYTOOL ASSIST – the right tedder for the mower

Match your tedder to the working width of your mower to get the highest utilisation and best work quality from your machines. The best spreading quality is achieved when the tedder completely covers the swath of mowed grass on each pass. And ideally, the tractor should drive along a forage-free lane. The forage then remains loose on top of the grass stubble, making it an easy target for the tines. HAYTOOL ASSIST helps you quickly and easily find the right tedder for your mower.



Select your mower(s)

In the first step, you can combine front mowers with rear mowers or mower combinations, or select them individually. You can determine important options yourself:

- Mowing strategy (driving in a circle or mowing in passes)
- Number of swathing discs or swath width for mower with conditioner
- Mounting width for rear-mounted mowers or mower combinations

The mower swaths are displayed directly in an image according to your settings.

Find the right tedder

In the next step, you can select the tedder from our wide product range. The image shows at a glance whether the working width of the tedder matches the mower. For the best overview, the area not covered is darkened.

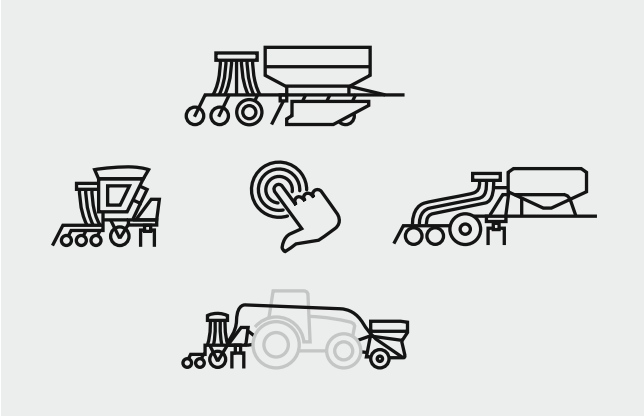
You can move the tedder left and right to try out all the possible configuration options.

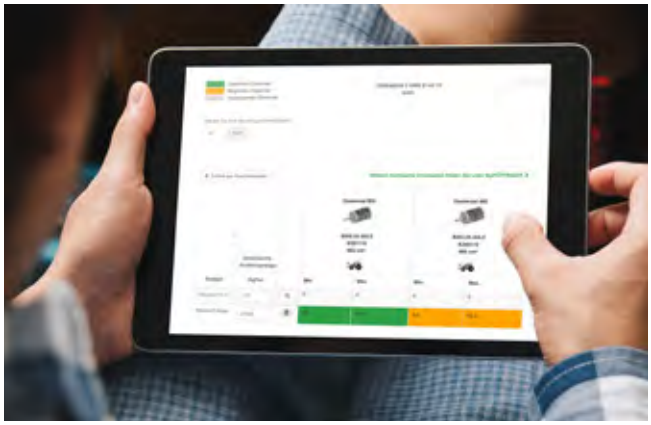
This QR code takes you directly to the app.

METERING WHEEL ASSIST – for optimum metering wheel selection

PÖTTINGER has developed METERING WHEEL ASSIST to make it easier to choose the right metering wheel. It is the perfect assistant for pneumatic seed drills with electric metering. For seed drills with mechanical metering, METERING WHEEL ASSIST can be used as a guide.

From experience we know that sowing is influenced by many different factors (e.g.: different site conditions, type of seed material, basic machine settings, and many more), which is why in practice, the efficiency of metering wheels can deviate from the theoretical best choice. Our latest feedback from the field is always used to keep the assistant up to date.





Machine selection

In the first step you can choose your machine. All machine models are shown here.

- AEROSEM A pneumatic implement mounted seed drills
- AEROSEM F pneumatic front hopper seed drills
- AEROSEM VT trailed pneumatic seed drill combinations
- TERRASEM pneumatic universal seed drill technology
- AMICO F hopper

Choose metering wheel

In the next step you can choose your drilling speed. Next, select the seed type or fertiliser. Now set the required application rate.

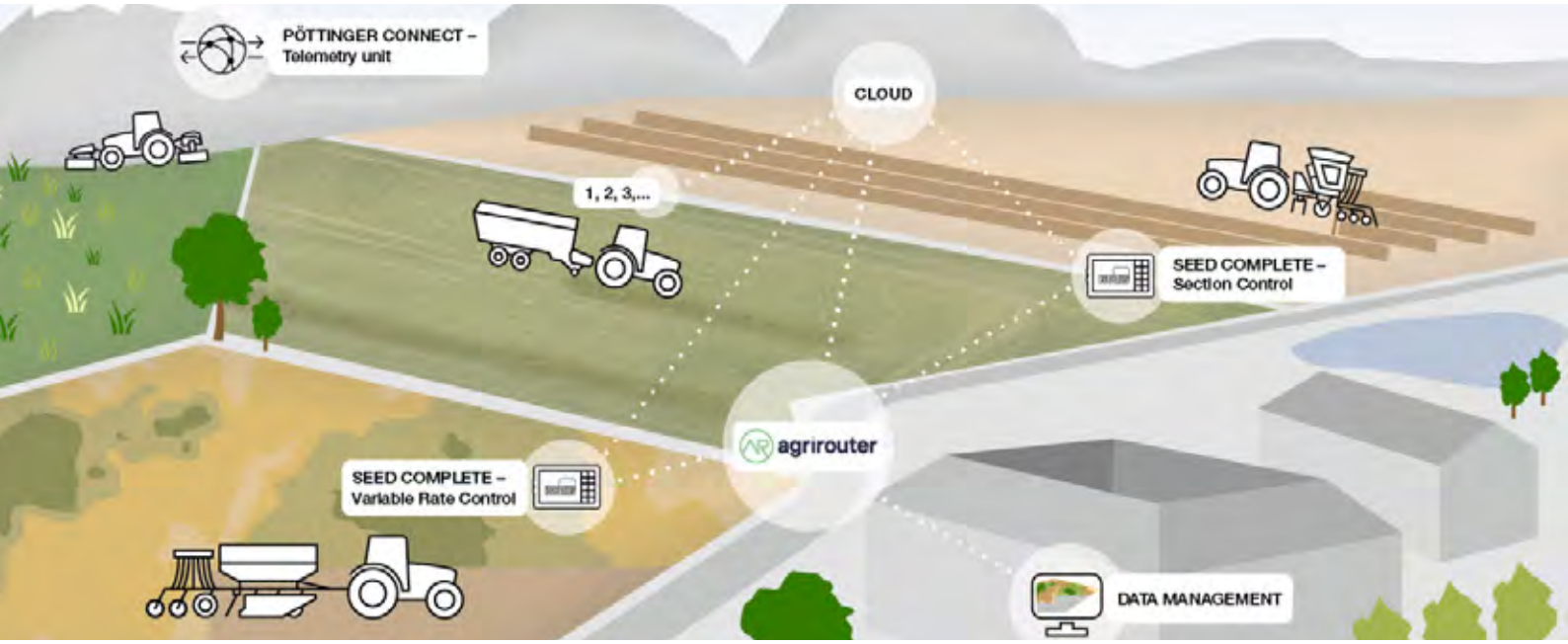
The suggested metering wheel is then displayed. A distinction is made between three categories:

- Optimum metering wheel (green)
- Possible metering wheel (orange)
- Unsuitable metering wheel (grey)

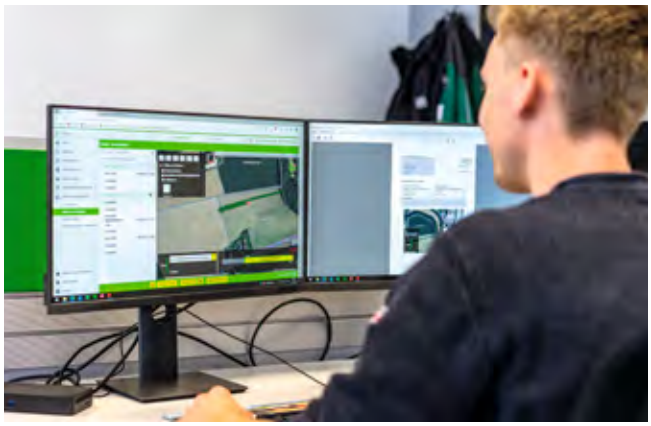
If several optimum metering wheels are displayed for the same seed type, it is generally the smaller metering wheel that needs to be used.

This QR code takes you directly to the app.

Digital agricultural technology



Digitisation in farming is designed to make users' day-to-day work easier. That is why it is important to network individual systems and define manufacturer-independent standards. Data exchange between individual components is possible thanks to PÖTTINGER's cooperation with various service providers, bringing many advantages into the field. PÖTTINGER offers numerous ways to make farming more efficient and more convenient.



agrirouter

The web-based data exchange platform "agrirouter" enables cross-manufacturer data exchange between machines and farming software. A free account can be used to send data such as application maps from your field indexing software directly to the terminal in the tractor. This can also be carried out in the reverse direction by sending machine-related data directly to the farm PC.

This QR code takes you directly to the app.

PÖTTINGER CONNECT

PÖTTINGER CONNECT is the access point into the world of networked data. The telemetry unit offers the capability to take over machine control functions on ISOBUS controlled machines and to use them for data recording and transmission. Simple operation and a certified data interface to agrirouter allow rapid use of the telemetry unit and flexible connection to various farm management systems.

Cost effectiveness

With the telemetry unit, it is possible to use precision farming applications easily and cost-effectively. The module takes over task controller jobs, enabling simple and straightforward applications such as Section Control (TC-SC) and Variable Rate Control (TC-GEO). This reduces the number of passes required and saves on running costs. It guarantees cost effective and resource-saving operation.

Modular configuration

The telemetry unit offers the right solution for every farm thanks to its modular design. A total of three different packages are available:

- PÖTTINGER CONNECT – COMMAND for machine control – hardware including activation for Section Control, Variable Rate Control and Geo Suite
- PÖTTINGER CONNECT MANAGEMENT for data transmission, with hardware including activation for agrirouter, data logger and data transmission costs
- PÖTTINGER CONNECT – COMPLETE with machine control and data transmission – hardware including COMMAND and MANAGEMENT

Controls

PÖTTINGER's convenient control terminals make sure you have everything under control, even after a long day in the field. The development of the terminal focussed on maximum operating convenience, ergonomics and automation of each working step. The result is a range of control systems that are ideally matched to meet your requirements.

BASIC CONTROL

The BASIC CONTROL pre-select system enables multiple functions to be performed by a single spool valve at the push of a toggle switch.

Depending on the model, an actuator for the hydraulic transport interlock is included.

COMPASS CONTROL

The COMPASS CONTROL on-board computer was specially developed for PÖTTINGER VITASEM and AEROSEM seed drills. The terminal controls and monitors functions such as tramlining, calibration test, hopper level, hectare counter and speed.

DIRECT CONTROL

The convenient electronic DIRECT CONTROL system is used especially for the PÖTTINGER loader wagon range without beater rotors. The functions are performed directly at the push of a button without pre-selection or an additional spool valve. The display provides information about the functions and status of the loader wagon.

SELECT CONTROL

The SELECT CONTROL terminal features a user-friendly design. With clearly assigned function keys and a 4.3" colour touch screen, many machine functions can be pre-selected and operated using the tractor's hydraulic remote valves or controlled directly. The brightness of the display and keyboard can be adjusted as needed, ensuring optimum illumination at any time of day or night.

POWER CONTROL

The entry-level POWER CONTROL terminal can be used to operate a wide selection of ISOBUS-capable machines made by PÖTTINGER. The most important feature is the keys that are printed with the relevant machine functions to ensure intuitive operation for both experienced and newbie drivers.
More functions can be controlled and user inputs made using the 5" colour touch display. Optimised for day and night operation, the display also provides clear information on the operating status of the machine.

ISOBUS controls

ISOBUS controls

ISOBUS refers to the standardised communication system between tractor and implement using standardised hardware and software that is not limited to a single manufacturer and makes everyday work a great deal easier. The ISOBUS terminals EXPERT 75, CCI 1200 and the CCI A3 joystick enable professional operation of all ISOBUS-compatible machines made by PÖTTINGER as well as other manufacturers.

Tractor terminal via ISOBUS cable

Control the functions easily by using the tractor's ISOBUS terminal. Power is supplied by the connection cable.

EXPERT 75

The compact 5.6" EXPERT 75 ISOBUS terminal can be operated both directly via the touchscreen and using keys or a scroll wheel. Safe one-hand operation is supported by the grip bar. The ambient light sensor and the illumination of the function keys ensure convenient handling even at night.

CCI 1200

The 12" CCI 1200 ISOBUS terminal offers the professional farmer a comprehensive function package. The terminal is operated like a tablet using a touchscreen. The menu system provides straightforward guidance. The integrated ambient light sensor automatically adjusts the brightness of the display.

ISOBUS AUX CCI A3 joystick

The AUX CCI A3 joystick makes it easy to control any of the ISOBUS equipped machines. This is done using function keys that can be allocated freely and are separated by ridges. This avoids operator errors. Haptic feedback and all the icons displayed on the keys makes it even easier to work with the joystick.

Control concepts

Basicline preselect system

On machines with the Basicline preselect system, several functions can be carried out on the machine by each tractor spool valve by actuating a toggle switch on the BASIC CONTROL terminal.

For tractors with a sufficient number of spool valves, it is also possible to connect the hoses to each hydraulic cylinder as an option on some machines. This means that some functions can also be automated using the tractor's headland management system.

- Oil supply: Tractor spool valve
- Job calculator: –

Possible controls

- BASIC CONTROL

Selectline preselect control system

With the Selectline preselect control system, the ISOBUS-capable job computer is located directly on the machine. This can be connected by an ISOBUS connection cable directly to the tractor terminal, or to the SELECT CONTROL terminal.

Several different functions can be carried out by each tractor spool valve at the touch of a button. Depending on the machine, various automatic functions are also possible. If the machine has its own hydraulic power unit, these functions are performed directly by the control terminal.

Direct connection of hoses to each hydraulic cylinder is also possible as an option on some machines. This means that some functions can also be automated using the tractor's headland management system.

- Oil supply: Tractor spool valve
- Job calculator: Mini ISOBUS ECU

Possible controls

- SELECT CONTROL
- Tractor terminal via ISOBUS cable
- EXPERT 75

Smartline comfort control system

The Smartline comfort control system can control machines either using an ISOBUS-capable tractor terminal or other ISOBUS-capable control terminals.

While electrical functions are carried out directly at the touch of a button or the touchscreen, hydraulic functions (if installed) are either performed directly by the tractor spool valves, or are preselected at the control terminal and then carried out by the spool valves.

- Oil supply: Tractor spool valve
- Job calculator: ECU 3.0 (2.5)

Possible controls

- POWER CONTROL
- EXPERT 75
- CCI 1200
- ISOBUS AUX CCI A3 joystick
- Tractor terminal via ISOBUS cable

Profiline comfort control system

The Profiline comfort control system can control machines directly either via your ISOBUS tractor terminal or another ISOBUS-compatible control terminal.

Each function is carried out immediately by pressing a button or the touchscreen.

- Oil supply: Load sensing or power beyond system
- Job calculator: ECU 3.0 (2.5)

Possible controls

- POWER CONTROL
- EXPERT 75
- CCI 1200
- ISOBUS AUX CCI A3 joystick
- Tractor terminal via ISOBUS cable

MyPÖTTINGER

MyPÖTTINGER – Simple. Anytime. Anywhere.

Benefit from numerous advantages

MyPÖTTINGER is our customer portal that provides you with key information about your PÖTTINGER machines.

Get specific information and useful tips on your PÖTTINGER machines in "My machines". And find out more about the PÖTTINGER product range.

My machines

Add your PÖTTINGER machinery to "My machines" and assign a name. You will receive valuable information such as: useful tips on your machine, operating instructions, spare parts lists, maintenance information, as well as all the technical details and documentation.

Info on the product range

MyPÖTTINGER provides you with machine-specific information for all machines from year of build 1997 onwards.

Simply scan the QR code on the data plate with your smartphone or tablet or enter your machine number at www.mypoettinger.com. You will immediately receive all the information on your machine such as the instruction manual, equipment options, brochures, photos and videos.

Technology and Innovation Centre (TIZ)

The TIZ Technology and Innovation centre is the heart of the PÖTTINGER quality assurance system. Machines are tested here for their quality and suitability for field conditions. This is where research, development and application come face to face.

The testing centre is one of the most modern in the agricultural industry worldwide and has an excellent reputation. Many international manufacturers have their products tested here, including many well-known industrial brands.

These tests save time and money: up to 75 percent compared to testing in the field. Within a relatively short period a lifetime's worth of stress and strain can be applied to each machine. This ensures maximum reliability in the field. At PÖTTINGER at least two prototypes are built of each new model. One is used for testing in the Technology and Testing Centre while the other is sent out into the field.

The testing facilities at the centre include a 4-post test bed for simulating road transport, a MAST (Multi-Axis Simulation Table), a component test rig for analysing individual parts, a climate chamber, driveline test stands and various electronic testing systems. Due to the good order situation, another bay has been built. TIZ 3 entered operation in February 2023. Testing technology and prototype construction are now based here. The new equipment includes a 30 x 12 m component test bed for individual test set-ups.

In parallel to all these tests, there are comprehensive trials being conducted in the field. The field testing plus the input from the technology centre ensure our customers get optimum results.

If you want it to last, you want the **original.**

This QR code takes you directly to the website.

PÖTTINGER
Original Parts

ORIGINAL PARTS

Regardless of whether you've got a new machine or a classic, our spare parts logistics centre stocks over 55,000 parts to give our machines an extended service life. Thanks to the many local warehouses in 13 countries and a large network of dealerships, original parts are available in over 60 countries.

Finding the right parts is easy

Our digital services are available free of charge and have largely replaced paper-based spare parts lists:

- www.mypoettinger.com provides free access to machine documentation on your smartphone and tablet.
- agroparts offers an intuitive search function to pinpoint the correct parts. This eliminates the risk of placing the wrong order.

No worries with the original

Too short, wrong hole pattern, wears out quickly? You don't get these problems with an original part.
And there are many more advantages:

- Immediate and long-term spare parts availability
- Maximum service life
- Perfect fit
- Attractive and competitive prices

PÖTTINGER

More success with PÖTTINGER

- Your reliable partner, as a family-owned company since 1871
- Specialist for arable and grassland
- Future-safe innovation for outstanding working results
- Roots in Austria – at home throughout the world

Harvest quality

- Healthy soil is a prerequisite for optimising your yield. We support you in achieving this with our machines.
- A clean, tasty basic ration is the foundation for an efficient dairy business. From mowing through to harvesting – we help you have a positive influence on the quality of your forage.
- Trust in PÖTTINGER. Harvest success.

Ask for more information:

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

Alois POTTINGER UK Ltd.
15 St Marks Road
Corby Northamptonshire,
NN18 8AN
United Kingdom
Phone + 44 1536 272 220
info@pottinger.uk
www.pottinger.uk

POETTINGER Australia Pty. Ltd.
11 Efficient Drive
Truganina VIC 3029
Australia
Phone +61 3 8353 2770
info@poettinger.com.au
www.poettinger.com.au

POETTINGER Ireland Ltd.
Glenaleamy, Powerstown Road,
Clonmel, Co. Tipperary
Ireland
Phone +353 52 6125766
info@poettinger.ie
www.poettinger.ie

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