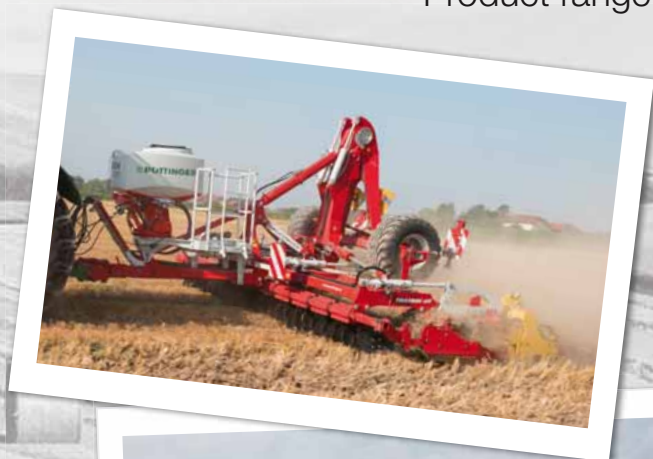




PÖTTINGER MAGAZINE 2017

Product range for grassland, soil and seed





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Working together for a successful future.

In recent years, PÖTTINGER has proven its incredible reliability and energy by continuing to drive development in agricultural technology. As a traditional Austrian company more than 140 years old, we have been able to greatly extend our international status as a result.

Our motto 'More success with PÖTTINGER' is more than just a promise to our customers; it is also our guiding principle. Our innovations and achievements today, such as global leadership in the loader wagon segment, our international role as a pioneer in grassland technology and our 40 years of experience and expertise in soil preparation, form the basis for our continued success tomorrow.

As a family-run company we combine these leadership features with personal and dedicated customer care, which many people have come to appreciate as the 'PÖTTINGER spirit'. In combination with the increasing significance of agriculture we see huge potential continuing well into the future for agricultural technology, and thus for PÖTTINGER.



TOP 762 C / EUROPFI 5010 COMBILINE

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All information on technical data, dimensions, weights, output etc. is approximate and is not binding.

A company based on tradition and progress



1871

Development of a **forage cutting machine** and company founded by **Franz Pöttinger** in Grieskirchen.



1950

Start series production of hay loaders and rakes.



1960

Development of the **PÖTTINGER conveyor hay rake** which revolutionised working on slopes.



1963

Ground-breaking new development of **loader wagon technology** – PÖTTINGER becomes the largest loader wagon manufacturer in the world.



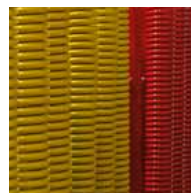
1975

Acquisition of the **Bavarian Plough Factory** in Landsberg am Lech sees start so steady expansion of the tillage range.



1986

Thanks to the **MULTITAST wheel** in front of the rotor, the support triangle on PÖTTINGER rakes is maximised. This guarantees greatly reduced forage contamination.



1996

New **painting line** with powder-coating in Grieskirchen.



1999

Launch of the **JUMBO** high-performance loader wagon for use over large areas revolutionises silage making technology.



2001

Acquisition of **seed drill technology plant in Bernburg, Germany** and founding of PÖTTINGER Sätechnik GmbH.



2004

The **TERRASEM mulch drilling concept** combines disc harrow, tyre packer and coulter rail for optimum seed germination and vplant growth.



2006

ALPHA MOTION – the new generation of front-mounted mowers – **machine of the year 2006**.



2008

Construction of new **assembly line** in Grieskirchen. Further expansion of **Vodnany plant** in the Czech Republic.



2008

TRACTION CONTROL applies ballast to the rear axle of the tractor when ploughing with the **SERVO 45 S**.



2009

World first – **AUTOCUT** Fully automatic knife sharpening system for **JUMBO** and **TORRO** loader wagons.



2010

SERVO 6.50 semi-mounted ploughs with **TRACTION CONTROL** are added to the soil preparation range.



2012

TOPTECH PLUS rotor technology boosts the strength and reliability of **PÖTTINGER TOP** rakes.



2012

The **LIFTMATIC PLUS** system on **PÖTTINGER** tedders keeps forage clean without the tines scraping the ground.



2012

DYNATECH rotors guarantee a perfect spread pattern with **HIT** tedders.



2013

With a working width of 11.20 m, the **NOVACAT S12** is the largest mounted mower combination on the market.



2013

The latest **AEROSEM** seed drill concept from **PÖTTINGER** unites the drilling of cereals and precision seeding of maize. **Machine of the Year 2014**.



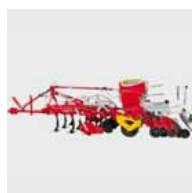
2013

Unique **EUROPROFI POWERCUT** system chops forage perfectly.



2014

DURASTAR wear parts are engineered from highly resistant top quality materials.



2014

SYNKRO MULTILINE brings the **SYNKRO** stubble cultivator together with the **VITASEM** seed drill to form a trailed mulch drilling combination.



2015

With the new **IMPRESS** round baler, **PÖTTINGER** sets a new standard in baler technology.

Ploughs

Non-stop ploughing

The heavy duty and intelligent design of PÖTTINGER ploughs ensures optimum distribution of force and strength at the points of the plough beam subject to the highest stress. The unique PÖTTINGER control centre lets you easily adapt the plough perfectly to all types of soil and the current operating conditions.



SERVO 45 S PLUS



SERVO mounted ploughs with stepped furrow widths

The single piece plough beam box section is manufactured from micro alloyed fine grained steel. This is further reinforced on the SERVOPLOUGH series 35 to 45 S by two bolted bars (strong backbone) mounted internally. The thick walls of the plough beam provide a secure seat for mounting plough legs and skimmers. A large selection of modern mouldboards is available to match every soil type.

	Furrows	Inter-body spacing inch / mm	For tractors up to
SERVO 25	2 / 3 / 4	33.5/37.4/40.2 / 850/950/1020	103 kW / 140 hp
SERVO 35	3 / 4 / 5	37.4/40.2 / 950/1020	103 kW / 140 hp
SERVO 35 S	4 / 5 / 6	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45	4 / 5	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45 S	4 / 5 / 6	37.4/40.2 / 950/1020	257 kW / 350 hp
SERVO 6.50	6 / 7 / 8 / 9	37.4 / 1020	265 kW / 360 hp



SERVNOVA mounted ploughs with hydraulic trip legs

An overload protection system with adjustable triggering force protects the plough against damage. The pressure required to trigger the leg reduces as the leg rises to protect the whole plough. The pressure increases again during re-penetration. Each pair of plough bodies has its own hydraulic accumulator.

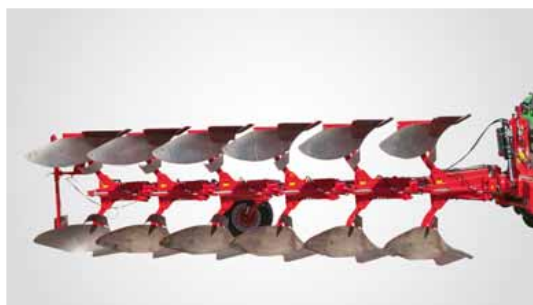
	Furrows	Inter-body spacing inch / mm	For tractors up to
SERVO 25 NOVA	2 / 3 / 4	33.5/37.4/40.2 / 850/950/1020	103 kW / 140 hp
SERVO 35 NOVA	3 / 4	34.6/37.4/40.2 / 880/950/1020	103 kW / 140 hp
SERVO 35 S NOVA	4 / 5	34.6/37.4/40.2 / 880/950/1020	125 kW / 170 hp
SERVO 45 NOVA	4 / 5	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45 S NOVA	4 / 5	37.4/40.2 / 950/1020	257 kW / 350 hp
SERVO 6.50 NOVA	6 / 7 / 8	37.4 / 1020	265 kW / 360 hp



SERVPLUS – mounted ploughs with hydraulic furrow width adjustment

We developed the SERVPLUS models for convenient and time saving ploughing. Easy adaptation to changes in ground conditions and working depth. Front furrow width, pulling point and skims all adjust automatically at the same time.

	Furrows	Body spacing inch / mm	For tractors up to
SERVO 35 PLUS	3 / 4	37.4/40.2 / 950/1020	103 kW / 140 hp
SERVO 35 S PLUS	4 / 5	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45 PLUS	3 / 4 / 5	37.4/40.2 42.3 / 950/1020/1150	125 kW / 170 hp
SERVO 45 S PLUS	4 / 5 / 6	37.4/40.2 / 950/1020	257 kW / 350 hp
SERVO 6.50 PLUS	6 / 7 / 8 / 9	37.4 / 1020	265 kW / 360 hp

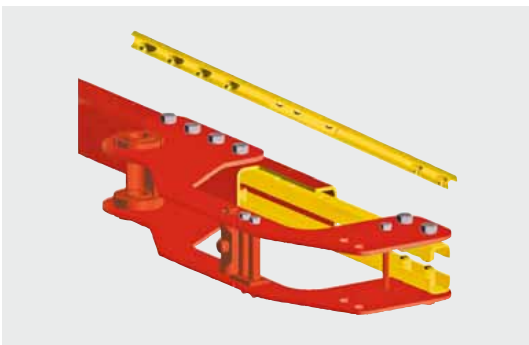


SERVPLUS NOVA – the hydraulic multi-talent

Ploughs with hydraulic furrow width adjustment and hydraulic trip leg system offer you maximum reliability and flexibility.

	Furrows	Inter-body spacing inch/mm	For tractors up to
SERVO 35 PLUS NOVA	3 / 4	34.6/37.4/40.2 / 880/950/1020	103 kW / 140 hp
SERVO 35 S PLUS NOVA	4 / 5	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45 PLUS NOVA	4 / 5	37.4 / 950	125 kW / 170 hp
SERVO 45 S PLUS NOVA	4 / 5	37.4/40.2 / 950/1020	257 kW / 350 hp
SERVO 45 S PLUS NOVA	4 / 5 / 6	37.4/40.2 / 950/1020 not 6 furrow	257 kW / 350 hp
SERVO 6.50 PLUS NOVA	6 / 7 / 8	37.4 / 1020	265 kW / 360 hp

Technology in detail



High-strength plough beam on mounted versions

- Two bars on the inside to reinforce the plough beam
- Improved strength thanks to compact bolt configuration



Improved traction with the SERVO 45 S and 6.50 thanks to TRACTION CONTROL

TRACTION CONTROL is available as an option to provide defined loading of the tractor rear axle. A cylinder connected to an accumulator transfers constant weight to the tractor's rear wheels. The pressure can be adjusted from the tractor.

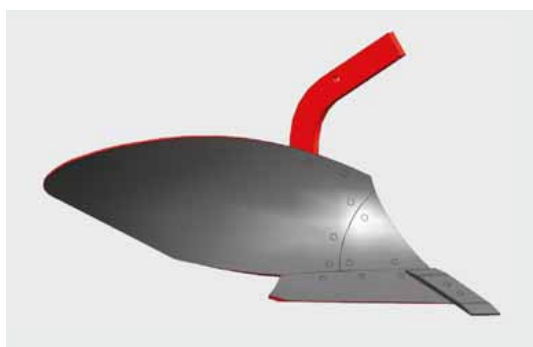
SERVOMATIC control centre

- The front furrow width and the pulling point are set by separate turnbuckles.
- The function settings of the two turnbuckles do not affect each other saving subsequent correction.
- The plough reacts evenly without the need for corrective steering and has a low power requirement.
- The turnbuckles are fitted with anti-twist locks.





SERVO 6.50



DURASTAR mouldboards – hardened through and carbonised

- Hardened right through: Consistent hardness across the whole cross-section
- Carbonised: Substrate material core is elastic
- Mouldboards with a special carbonised layer are characterised by impressive durability thanks to a super-hard 0.09 inch / 2.3 mm-thick surface on both sides of the board and a more elastic core. This combination ensures optimum ploughing results in soils with a variable or sticky structure.



Mould boards for a wide range of soil types

- Slatted mould boards in hardened, fine-grained boron steel
- Synthetic plough bodies for soils with low stability



NONSTOP stone protection on SERVO NOVA

- The trip leg can move either upwards or sideways.
- The trip pressure can be set centrally for all bodies.

Stubble cultivator

Breathing life into soil

The PÖTTINGER SYNKRO cultivators have been developed to deliver the best in stubble cultivation and are suitable for both shallow and deep cultivation. During the design phase, special attention was paid to reducing draft and ensuring a low power requirement.



SYNKRO 3030



SYNKRO two gang mounted stubble cultivators

PÖTTINGER SYNKRO cultivators have been developed to deliver optimum stubble cultivation. Our compact two gang series operates smoothly with a low power requirement. A frame height of 31.49 inch / 800 mm guarantees you trouble-free operation.

	Working width ft / m	Tines	Tine spacing inch / mm	Power requirement from
SYNKRO 2520	8.20 / 2.50	6	16.73 / 425	51 kW / 70 hp
SYNKRO 3020	9.84 / 3.00	7	16.53 / 420	66 kW / 90 hp
SYNKRO 4020 K	13.12 / 4.00	9	17.23 / 440	103 kW / 140 hp
SYNKRO 5020 K	16.40 / 5.00	11	17.71 / 450	110 kW / 150 hp
SYNKRO 6020 K	19.68 / 6.00	13	18.11 / 460	129 kW / 175 hp



SYNKRO three gang mounted stubble cultivators

You can use our SYNKRO three gang stubble cultivators for shallow and deep tillage. A central adjustment system allows you to adjust the working depth quickly and easily.

	Working width ft / m	Tines	Tine spacing inch / mm	Power requirement from
SYNKRO 3030	9.84 / 3.0	11	10.60 / 270	80 kW / 110 hp
SYNKRO 3530	11.48 / 3.5	12	11.20 / 285	96 kW / 130 hp
SYNKRO 4030 K	13.12 / 4.0	14	11.02 / 280	110 kW / 150 hp
SYNKRO 5030 K	16.40 / 5.0	18	11.02 / 280	132 kW / 180 hp



SYNKRO T three gang trailed stubble cultivators

These trailed models alleviate the load imposed on the tractor compared to a mounted model. When in work the transport wheels are raised further aiding penetration of the tines into the soil. Reliable ground penetration is guaranteed as a result, even in the toughest, driest and hardest of conditions.

	Working width ft / m	Tines	Tine spacing inch / mm	Power requirement from
SYNKRO 4030 T	13.12 / 4.0	14	11.02 / 280	110 kW / 150 hp
SYNKRO 5030 T	16.40 / 5.0	18	11.02 / 280	132 kW / 180 hp
SYNKRO 6030 T	19.68 / 6.0	22	10.60 / 270	155 kW / 210 hp



Technology in detail



Different types of points

- The SYNKRO 1030 series is fitted with a chisel point/wing share combination. The narrow tine spacing of 10.62 inch / 270 mm ensures optimum mixing-in of harvest residues. The ideal tool for mulch drilling.
- For deeper tillage, you can choose between a narrow point with quick change system, a double-diamond share or a chisel point.
- Hardened chisel points and armoured wing shares (optional) extend service life.
- The slightly curved shins mix the flow of soil from the side – an intensive rolling movement without flinging soil upwards.



Maintenance-free levelling discs or tines

- The scalloped levelling discs level the flow of ejected soil. They are guided by the rear roller and adjusted together in parallel; they can also be depth-adjusted in pairs.
- A six-lip labyrinth seal provides completely tight protection for the ball bearings on the disc. As a result the bearing is completely maintenance free and does not require greasing.



The highest level of convenience

- Working depth is easily adjusted at the front of the cultivator. Using a simple pin hole matrix adjustment is straightforward.
- Tapered frame design allows easy access.
- Even on the widest models there are only two adjustment points.



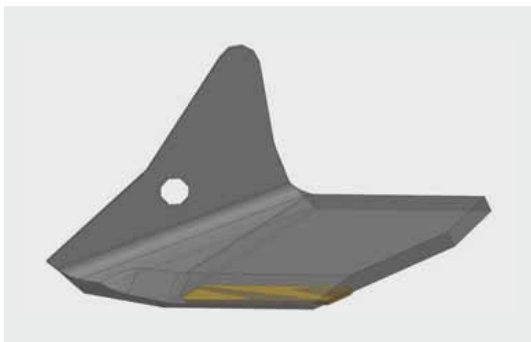
NOVA stone protection system

- On the SYNKRO NOVA, spring-mounted tines guarantee NONSTOP cultivation in stony soil.
- The levelling discs are also protected via rubber mounts.
- The triggering force of 1212 lbs / 550 kg diminishes as the leg is raised. As a result stones are not pulled up or loosened.
- Two tine positions for reliable ground penetration in the hardest conditions.
- Additional shear bolt prevents damages.



Rear harrow

- The optional rear harrow leaves a finely-crumbled surface. The ridges created by rear rollers is levelled to prevent ponding.
- Harvest residues are placed lightly on the surface to provide ideal germination conditions for weeds and volunteers.



DURASTAR wings

- Coating on the cutting edge of the wing
- Double the durability compared to standard wing
- Much higher wear resistance thanks to high quality steel
- Coating even withstands stone impact



DURASTAR points

- Double the durability compared to standard point
- High quality coating on the front side of the point
- High tungsten-carbide content for longer service life
- 0.59 inch / 15 mm material thickness at share point to ensure it retains its shape
- Resistant to wear even in stony conditions
- Special point shape with higher volume in the area subject to most wear



DURASTAR PLUS points

- High quality steel and hardened metal for the points
- Much longer service life and higher resistance to fracture for top reliability
- Up to six times more durable – saving costs and time
- Improved penetration, lower power required thanks to sharper cutting edges
- Optimum loosening and mixing through of soil

Expanding the range of applications



SYNKRO 3030 MULTILINE



MULTILINE concept

PÖTTINGER's MULTILINE concept creates a true all-rounder for arable professionals. By combining a trailed SYNKRO stubble cultivator with a VITASEM A seed drill, you gain maximum flexibility and cost effectiveness. In addition, the PÖTTINGER seed drill can also be teamed up with a SYNKRO stubble cultivator, LION power harrow or FOX compact combination. Moreover, the SYNKRO MULTILINE can also be used on its own for soil cultivation.



Your advantages

- Maximum versatility and flexibility
- Cost-effective mulch drilling technology
- Extend the range of applications: Seed drill combination and solo cultivation.
- High output even with small tractors
- Easy to fit and remove the seed drill

SYNKRO MULTILINE

The SYNKRO MULTILINE is a trailed machine with drawbar, rubber packer roller and connections for Cat. II lower linkages. This results in less weight acting on the rear axle of the tractor, enabling high output to be achieved even with smaller tractors. At headlands and during transport, the unit is lifted on the rubber packer roller with central axle support. This ensures smooth running, high ground clearance, and a low soil compaction at headlands.





Working cost-effectively

Combining a SYNKRO stubble cultivator with a VITASEM seed drill provides the basis for high output and cost-effective mulch drilling technology. At the same time, the PÖTTINGER seed drill can be combined economically and flexibly with the LION or FOX.

Flexible all-rounder

The VITASEM seed drill can be mounted on the packer quickly and easily. You can therefore use the SYNKRO MULTILINE at any time on its own for stubble cultivation or seedbed preparation. This turns the SYNKRO MULTILINE into a high-performance all-rounder for a wide range of applications. The SYNKRO can also be used in minimum tillage farming for preparing the soil thoroughly with its deep loosening effect.

Re-consolidating the seed slot

The packer ring spacing on the rubber packer roller of 4.92 inch / 125 mm is precisely matched to PÖTTINGER seed drills with 24 rows. The seed is placed precisely in the re-consolidated slot. In addition, the entire weight of the machine acts on the rear roller, conserving the soil during operation and at the headland. The SYNKRO MULTILINE is especially suitable for producing a perfect tilth in light to medium soils.

	Working width ft / m	Tines	Packer ring spacing inch / mm	Minimum power requirement
SYNKRO 3030 MULTILINE	9.84 / 3.0	11	4.92 / 125	80 KW / 110 hp
SYNKRO 3030 NOVA MULTILINE	9.84 / 3.0	11	4.92 / 125	80 KW / 110 hp





TERRADISC 6001

TEGOSEM catch crop sowing system



TEGOSEM 200 / TEGOSEM 500

The TEGOSEM catch crop sowing unit combines soil cultivation and sowing a catch crop in a single pass to save time and costs. The TEGOSEM can be combined with the PÖTTINGER SYNKRO stubble cultivators as well as with TERRADISC disc harrows. This seed drill can be used together with three-point mounted implements and trailed machines.

Standard equipment and controls

The TEGOSEM is operated from the driver's seat using a convenient control terminal.

Functions

- Metering shaft control & monitoring,
Output rate electronically adjustable
- Display in lbs/2.47 acres / kg/ha
- Priming function
- Headland management
- Automatic calibration
- Total hectare counter and daily hectare counter
- Calibration button -calibration at the press of a button
- Emptying function to drain seed hopper
- Filling level sensor
- DGPS sensor for speed sensor
- Fan speed sensor on hydraulically driven blowers for trailed machines
- Sensors on top link or chassis for start/stop metering
- Safe access using platform
- Small and large seed metering wheels





Precision sowing

The seed material is distributed evenly with the TEGOSEM. The metering system is driven electrically and two different metering cell wheels are provided as standard to ensure precision distribution for small or large seeds even at low seed rates.

Seed distribution

The seed material is distributed pneumatically using eight distribution plates, these can be adjusted by changing the shaft angle. This guarantees pinpoint precision regardless of wind conditions.

The fan is driven electrically up to a working width of 13.12 foot / 4.0 metres and hydraulically when wider than 16.40 foot / 5.0 metres.



Calibration

Calibration is easy: the calibration procedure is started at the press of a button. A calibration bag is provided as standard equipment. Intuitive menu guidance makes each calibration step easy to follow.



Metering start/stop

A sensor on the top link detects when to start and stop metering. On trailed machines, this is detected using a sensor on the drawbar.

TEGOSEM can be combined with SYNKRO stubble cultivators:

	for machine type	Tractor mounting	Fan drive system	Hopper location	Hopper capacity gal / litres	Weight lbs / kg
TEGOSEM 200	SYNKRO 2520 SYNKRO 3020 / 3030 SYNKRO 3530	Rigid 3-point	Electric fan drive	Rear roller	43.9 / 200	275.5 / 125
TEGOSEM 500	SYNKRO T 4030 SYNKRO T 5030 SYNKRO T 6030	Folding trailed	Hydraulic fan drive	Drawbar	109.9 / 500	529.1 / 240

Compact combinations

Clever seedbed preparation

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



FOX 300



FOX compact combinations with harrow tines or discs

The compact design is a trademark of our FOX combinations, which can also achieve high working speeds in combination with a seed drill. The harrow tines can be used on light, sandy soils to produce a fine, crumbly seedbed. The FOX D disc version is the right choice if organic matter also needs to be incorporated.

	Working / Transport width ft / m	Tines/Discs	Tine/disc spacing inch / mm	Working depth inch / mm	Power requirement from
FOX 300	9.84 / 3.0	19	6.10 / 155	1.18 – 3.14 / 30 – 80	55 kW / 75 hp
FOX 300 D	9.84 / 3.0	22	5.11 / 130	1.18 – 3.14 / 30 – 80	55 kW / 75 hp
FOX 350	11.84 / 3.5	23	6.10 / 155	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 350 D	11.84 / 3.5	26	5.11 / 130	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 400	13.12 / 4.0	25	6.10 / 155	1.18 – 3.14 / 30 – 80	74 kW / 100 hp
FOX 400 D	13.12 / 4.0	30	5.11 / 130	1.18 – 3.14 / 30 – 80	74 kW / 100 hp

D = disc

Technology in detail



Smooth running to save fuel

- During the development of the PÖTTINGER compact combinations, great attention was paid to compact dimensions and low drag resistance.
- This lets you use smaller tractors to deliver fuel saving and efficient seedbed preparation.

FOX harrow tines

- The FOX is equipped with harrow tines configured in two rows for a fine, crumbly seedbed.
- The tines can be adjusted in 3 positions and are particularly suitable for light to medium soils and low levels of crop residues.



FOX D discs

- On the FOX D the discs take over the preparation of the soil. 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 16.14 inch / 410 mm and are fitted with sealed bearings.



Rapid sowing

- Combined with a PÖTTINGER seed drill, this implement becomes a cost-effective 3-point-mounted seed drill combination.
- The drill is mounted either on the packer roller or using HYDROLIFT.

Easy to adjust

- The short headstock offers a floating and adjustable lower linkage offering three different positions.
- In addition, two different top link positions make it easy to connect up and adapt to any tractor.





FOX 400

The wider alternative



FOX 350 / FOX 400

The lightweight 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.

Powerful compact combinations

- More productivity with wider working widths
- FOX 350 with 11.84 ft / 3.5 m working width
- FOX 400 with 13.12 ft / 4 m working width

Versatile applications

- Solo for mixing harvest residues into the soil
- Combined with a PÖTTINGER seed drill to form a cost-effective seed drill combination.
- Can be combined with mounted VITASEM, VITASEM A and AEROSEM

	Working width ft / m	Transport width ft / m	Tines	Tine spacing inch / mm	Working depth inch / mm	Power requirement from
FOX 350	11.84 / 3.5	11.84 / 3.5	23	6.10 / 155	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 400	13.12 / 4.0	13.12 / 4.0	25	6.10 / 155	1.18 – 3.14 / 30 – 80	74 kW / 100 hp

Applying and mixing in slurry



FOX 300 D / 350 D / FOX 400 D

Combined with a slurry application system, the FOX D becomes a real all-rounder. Slurry can be distributed and immediately worked in during a single pass. Effective and efficient work is guaranteed.

Quick and effective slurry application

- FOX D compact combinations can be equipped with a slurry application kit (Vogelsang)
- Slurry applied and worked in during a single pass
- FOX 300 D, FOX 350 D, FOX 400 D are mounted on the slurry tanker's three-point hitch
- Smooth running and blockage free operation

Working in slurry with the FOX D to avoid nitrogen loss

- Simultaneous slurry application and working in saves time and costs
- Worked in within four hours, inline with regulations
- Protects soil due to fewer passes
- Significantly lower nutrient losses
- Lower ammonia emissions
- Reduction in aroma

	Working width ft / m	Transport width ft / m	Discs	Disc spacing inch / mm	Working depth inch / mm	Power requirement from
FOX 300 D	9.84 / 3.0	9.84 / 3.0	22	5.11 / 130	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 350 D	311.84 / 3.5	11.84 / 3.5	26	5.11 / 130	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 400 D	13.12 / 4.0	13.12 / 4.0	30	5.11 / 130	1.18 – 3.14 / 30 – 80	74 kW / 100 hp

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.

TERRADISC 3001



TERRADISC rigid compact disc harrows

The short construction is a key feature of PÖTTINGER compact disc harrows. The TERRADISC offers you a choice of working depths between 1.18 – 4.72 inch / 30 – 120 mm. The offset configuration of the aggressively set discs mixes the harvest residues effectively into the soil. They deliver optimum processing of your soil.

	Working width ft / m	Discs	Disc diameter inch / mm	Power requirement from
TERRADISC 3001	9.84 / 3.0	24	22.83 / 580	70 kW / 95 hp
TERRADISC 3501	11.49 / 3.5	28	22.83 / 580	85 kW / 115 hp
TERRADISC 4001	13.1 / 4.0	32	22.83 / 580	100 kW / 135 hp



TERRADISC K / T / folding / trailed compact disc harrows

TERRADISC K – the mounted, folding compact disc harrow with a working width of 13.12 to 19.69 ft / 4 to 6 metres and increased manoeuvrability. TERRADISC T harrows are transported on a dedicated chassis. This protects your tractor hitch and reduces compaction at the headland.

	Working width ft / m	Discs	Disc diameter inch / mm	Power requirement from
TERRADISC 4001 K / T	13.12 / 4.0	32	22.83 / 580	100 kW / 135 hp
TERRADISC 5001 K / T	16.40 / 5.0	40	22.83 / 580	125 kW / 170 hp
TERRADISC 6001 K / T	19.69 / 6.0	48	22.83 / 580	140 kW / 190 hp

Technology in detail



TWIN ARM system

- Carrier arm system with two scalloped discs mounted on a wide clamping bracket
- The discs cannot move to the side
- Hardened tracks are broken up reliably
- Large discs with a diameter of 22.83 inch / 580 mm
- Disc spacing of 4.92 inch / 125 mm
- The aggressive disc angle ensures reliable penetration into the soil

NONSTOP protection against stones

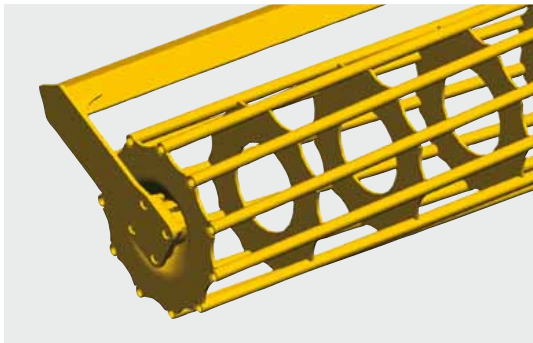
- Rubber elements are used to mount the clamping brackets to a thick-walled square cross section tube.
- These rubber elements provide overload protection on contact with foreign objects.



Flemming Hansen, Tofthund, Denmark

“The aggressive angle of the discs plus the Tandem CONOROLL rear roller ensure reliable penetration of the soil and a perfect finish with consolidated ridges. The high output of the 19.69 ft / 6-metre machine with the blockage-free and intensive mixing effect of the concave discs ensures perfect working results. The TERRADISC Frontboard breaks up and levels the soil surface especially in ploughed fields. This reduces the workload for the following discs, as well as my fuel consumption.”

Rear rollers for SYNKRO and TERRADISC

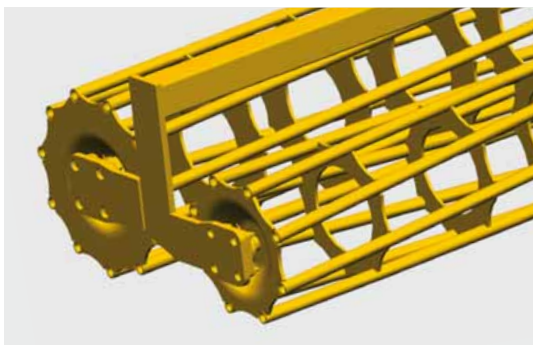


Cage roller

The cage roller is the ideal rear roller for handling dry, non-sticky soils.

The roller is fitted with strong rods for optimal re-consolidation.

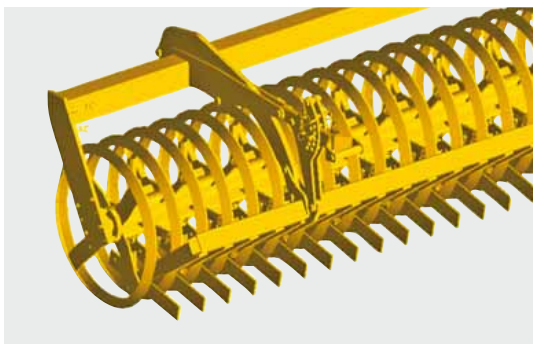
21.25 inch / 540 mm diameter with 11 bars, 28.98 inch / 660 mm diameter with 12 bars.



Double cage roller

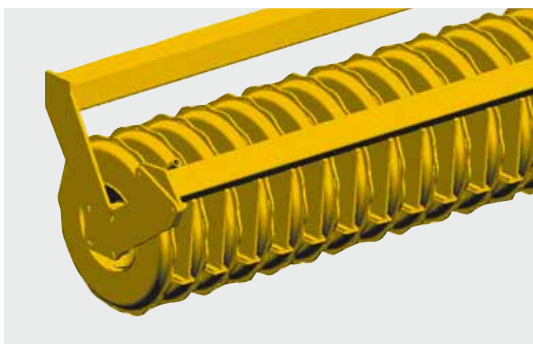
The double cage roller is fitted with two different diameter rollers

(21.25 inch / 540 mm front and 16.53 inch / 420 mm rear). The pendular function ensures optimum ground tracking and perfect tilth.



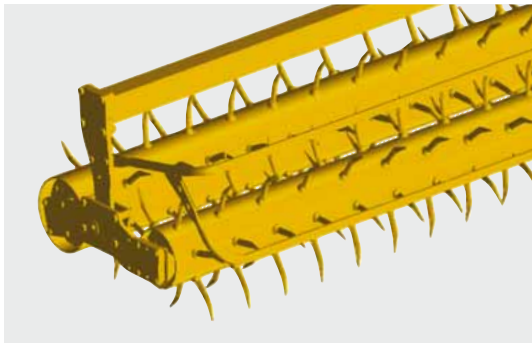
Knife ring roller

The advantages of the knife ring roller with a diameter of 21.25 inch / 540 mm include enhanced crumbling and re-consolidating by means of wedge-shaped rings. The knives between the rings break up clods and keep the rings clean. Compression in strips has the advantage that water can be absorbed better. The right choice if you are working on dry and heavy soil.



Pack ring roller

The steel packer rings which are fully enclosed, have a diameter of 21.62 inch / 550 mm. There are eight rings per metre of working width. The roller leaves behind compression in stripes, promoting water absorption and soil respiration. The ideal roller on stony, damp ground with large quantities of organic matter.



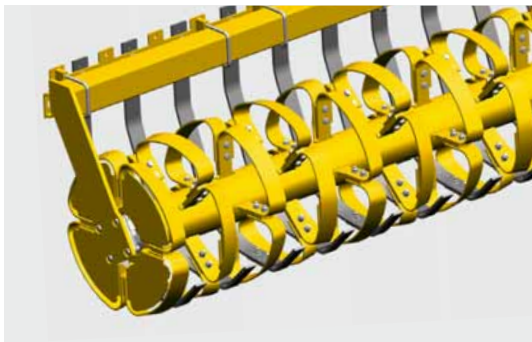
Rotopack roller

Rotopack rollers mix particularly intensively – for light to heavy, non-sticky soils. Harvest residues remain on the surface of the soil and protect your soil against drying out (only up to 9.84 ft / 3.0 m working width).



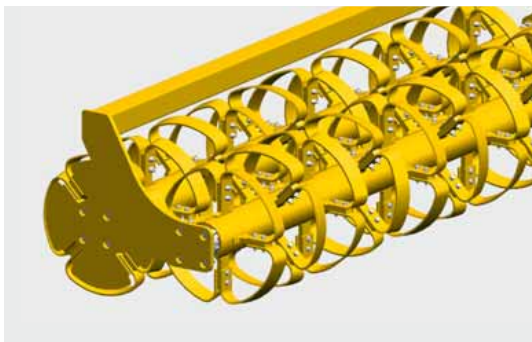
Rubber packer roller

The perfect roller for widely varied soil conditions. Especially for use with trailed implements where the load-bearing capacity of other rollers is near the limit. A diameter of 23.22 inch / 590 mm and the special profiling allows the soil to be compacted in rows.



CONOROLL roller

This roller consists of rings with a diameter of 21.25 inch / 540 mm. Each ring is made up of four conical segments that slant to the left and right. The result is a slot with alternate indentations on either side. When rainwater seeps into these indentations, they prevent it from flowing away. The gap between each ring is 5.9 inch / 150 mm. Spring-mounted scrapers are located in between. These promote the formation of a fine tilth while keeping the space between the rings clean. The load-bearing capacity of the CONOROLL is limited on very light soil. This is an ideal roller for medium to heavy soils. You can also use it in harvest residues no problem.



TANDEM CONOROLL roller

The TANDEM CONOROLL consists of 2 rollers. The diameter of the rings is 22.04 inch / 560 mm. Each ring is made up of four conical segments that slant to the left and right. Erosion caused by rainfall is minimised thanks to the optimum structure created on the soil surface. The loose soil between the rings ensures good drainage. The spacing between the rings is 5.9 inch / 150 mm. Works well on light soil. Ideally suited to trailed machines. The inclination of the roller can be adjusted to allow for the working depth and conditions. This guarantees trouble-free operation in harvest residues and stones.

NEW



TERRADISC 6001

TEGOSEM catch crop sowing system



TEGOSEM 200 / TEGOSEM 500

The TEGOSEM catch crop sowing unit combines soil cultivation and sowing a catch crop in a single pass to save time and costs. The TEGOSEM can be combined with PÖTTINGER TERRADISC disc harrows as well as with SYNKRO stubble cultivators. This seed drill can be used together with three-point mounted implements and trailed machines.

Standard equipment and controls

The TEGOSEM is operated from the driver's seat using a convenient control terminal.

Functions

- Metering shaft control & monitoring,
Output rate electronically adjustable
- Display in lbs/2.47 acres / kg/ha
- Priming function
- Headland management
- Automatic calibration
- Total hectare counter and daily hectare counter
- Calibration button -calibration at the press of a button
- Emptying function to drain seed hopper
- Filling level sensor
- DGPS sensor for speed sensor
- Fan speed sensor on hydraulically driven blowers for trailed machines
- Sensors on top link or chassis for start/stop metering
- Safe access using platform
- Small and large seed metering wheels





Precision sowing

The seed material is distributed evenly with the TEGOSEM. The metering system is driven electrically and two different metering shafts are provided as standard to ensure precision distribution for fine or coarse metering, even at low seed flow rates.

Seed distribution

The seed material is distributed pneumatically using eight distribution plates, these can be adjusted by changing the shaft angle. This guarantees pinpoint precision regardless of the wind conditions. The fan is driven electrically up to a working width of 13.12 ft / 4.0 metres and hydraulically when wider than 16.40 ft / 5.0 metres.



Calibration

Calibration is easy: the calibration procedure is started at the press of a button. A calibration bag is provided as standard equipment. A logical guide makes each calibration step easy to follow.



Metering start/stop

A sensor on the top link detects when to start and stop metering. On trailed machines, this is detected using a sensor on the drawbar.

The TEGOSEM can be combined with TERRADISC disc harrows:

	for machine type	Tractor mounting	Fan drive system	Hopper location	Hopper capacity (litres) gal / litres	Weight lbs / kg
TEGOSEM 200	TERRADISC 3001 TERRADISC 3501 TERRADISC 4001	Rigid 3-point	Electric fan drive	Rear roller	43.9 / 200	275.5 / 125
TEGOSEM 200	TERRADISC 4001	Folding 3-point	Electric fan drive	Central holder TD	43.9 / 200	275.5 / 125
TEGOSEM 200	TERRADISC 5001 TERRADISC 6001	Folding 3-point	Hydraulic fan drive	Central holder TD	43.9 / 200	297.6 / 135
TEGOSEM 500	TERRADISC 4001 TERRADISC 5001 TERRADISC 6001	Folding trailed	Hydraulic fan drive	Drawbar	109.9 / 500	529.1 / 240

Power harrows

Preparing the soil

The best quality tilth and excellent mixing of the soil are the key attributes of PÖTTINGER power harrows. Combined with a PÖTTINGER seed drill, this machine becomes a high performance and cost-effective combination delivering perfect seed drilling results.



LION 3002



LION power harrows

The bearing housings are welded into the box section before milling at the CNC machining centre. This ensures exact rotor to rotor spacing and guarantees you smooth running and a long service life. Forged components from the PÖTTINGER hardening centre offer many years of reliability. High-strength pivot points, computer-optimised wear parts and hardened steels are the trademarks of our LION power harrows.

	Working width ft / m	Rotors	Tines inch / mm	Power requirement up to
Power harrows up to 140 hp				
LION 253 CLASSIC	8.20 / 2.50	8	18 x 13.38 / 340	103 kW / 140 hp
LION 303 CLASSIC	9.84 / 3.00	10	18 x 13.38 / 340	103 kW / 140 hp
LION 303.12 CLASSIC	9.84 / 3.00	12	15 x 12.99 / 330	103 kW / 140 hp
Medium-weight power harrows				
LION 303	9.84 / 3.00	10	18 x 13.38 / 340	132 kW / 180 hp
LION 303.12	9.84 / 3.00	12	15 x 12.99 / 330	132 kW / 180 hp
LION 353.14	11.84 / 3.50	14	15 x 12.99 / 330	147 kW / 200 PS
LION 403	13.12 / 4.00	14	18 x 13.38 / 340	147 kW / 200 PS
Heavy-weight power harrows				
LION 3002	9.84 / 3.00	10	18 x 13.38 / 340	184 kW / 250 hp
LION 4002	13.12 / 4.00	14	18 x 13.38 / 340	184 kW / 250 hp
Folding power harrows				
LION 5000	5,00 m	16	18 x 13.38 / 340	199 kW / 270 hp
LION 6000	6.00 m	20	18 x 13.38 / 340	199 kW / 270 hp

Technology in detail



Integrated tine holders

- Harvest residues do not wrap around the tines
- Stones cannot become trapped
- 0.7 inch / 18 mm-thick, tempered tines attached centrally by just two bolts – makes replacement easy
- Quick change tines (optional)
- The Quick change fixing pins and linch pin are protected from soil and from working loose



The rotor driveline

- The gusset plate in the gear trough serves as additional reinforcement.
- The lower bearing is seated close to the rotor head for reduced stress.
- Large tapered roller bearings are mounted in forged, single-piece bearing housings.
- All this results in smooth vibration free operation of the power harrow.



The rotor transmission – the heart of the machine

- Thick-walled gear trough made of fine-grained steel – extremely resistant to twisting.
- Tapered front section – soil can flow past unrestricted without bulldozing.
- Large gears mounted directly above the bearings. Extended internal splines for secure seat on rotor shaft.
- Bearing housings are welded to the central brace and bottom of trough. Exact spacing between each rotor.
- Robust tapered roller bearings in forged, single-piece bearing housings.
- The lower bearings are located as close as possible to the tine carrier.
- The upper and lower bearings are spaced as far apart as possible to minimise stress.
- Tine carriers are integrated into casing to prevent stones from becoming trapped.



DURASTAR

Spare parts



DURASTAR power harrow tines – coated and proven in the field

PÖTTINGER power harrow tines deliver consistent and durable performance and are ideal for mulch drilling. Even in demanding conditions, these tines produce a uniform tilth.

- 60 % longer service life thanks to special coating
- 0.7 inch / 18 mm thick reversible tines
- 0.59 inch / 15 mm thick tines for LION 303.12 and LION 353.14
- Excellent retention of shape
- Consistent work quality



DURASTAR roller scrapers – tough and proven in the field

Thanks to their special tungsten carbide coating, DURASTAR roller scrapers keep their rollers clean to guarantee perfect working results, even in the toughest conditions.

Your advantages at a glance

- Double the service life thanks to special coating
- Available on LION power harrows and FOX compact combinations
- Scrapes roller clean so that it is free to rotate



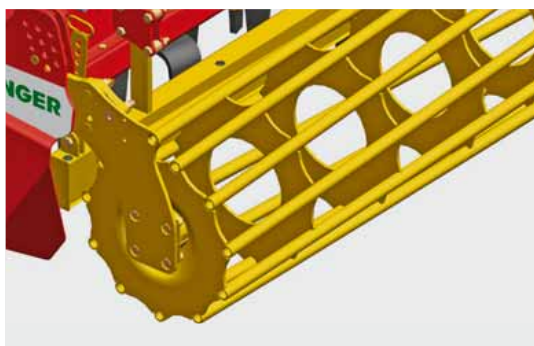
Tomasz Grzeczka, Poland

"I cover around 247,1 acres / 100 ha every year with the VITASEM 302 ADD and LION 302 combination. This combination has been working successfully for 3 years in my fields, both after ploughing and for direct mulch drilling. I really appreciate that the machine is so flexible and can be adjusted for all working conditions. Setting the machine is easy and the quality of the machinery is very high."

Rear rollers for LION

PÖTTINGER offers a wide range of rear rollers for perfect results with the desired tilth in any type of soil. The whole range of rollers features precision manufacturing and robust design engineering.

LION 3002

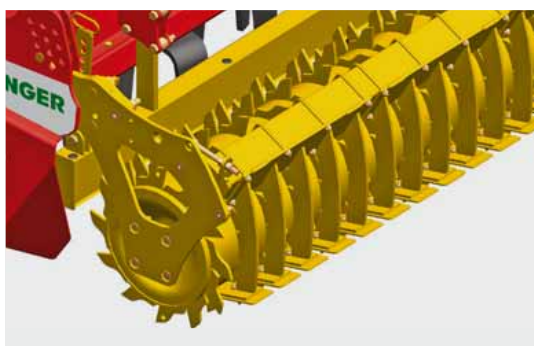


Cage roller

The ideal roller for dealing with dry, non sticky soils. The roller is fitted with strong bars for optimal consolidation.

Diameter: 16.5 inch / 420 mm, eight bars

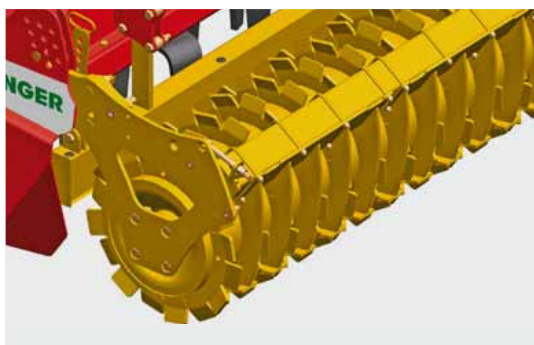
Diameter: 21.3 inch / 540 mm, eleven bars



Tooth-packer roller

This all rounder is suitable for all types of soil. The roller leaves behind an optimum, reconsolidated seedbed with loose, fine soil at seed level. The scrapers are located just above surface level. That is why no earth clods can be lifted away, even in wet conditions, and a perfect capillary structure remains intact for optimum germination. The teeth are hardened right through. Coated scrapers also available.

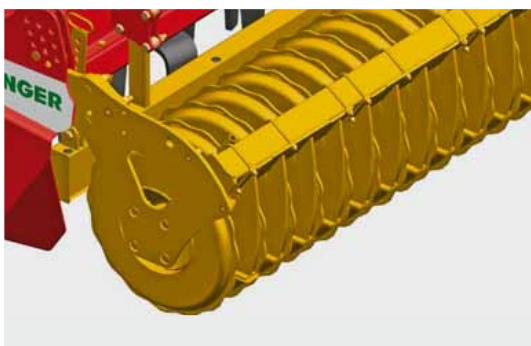
Diameter: 16.5, 19.7 and 21.7 inch / 420, 500 and 550 mm



Crumbling-packer roller

The teeth are offset at an angle to the left and right. This roller is especially suitable for heavy, clay soils. The result is a deep consolidation effect with loose tilth just under the surface. Coated scrapers (standard) prevent soil sticking to the roller.

Diameter: 20.7 inch / 525 mm



Pack ring roller

The steel packer rings are fully enclosed and have a diameter of 21.7 inch / 550 mm with eight rings per metre of working width. The roller produces a corrugated consolidation effect to promote drainage and allow the soil to breathe. Ideal for stony, damp conditions and heavy organic residues. Harvest residues remain on the surface of the soil and protect the soil against drying. Coated scrapers (standard) prevent soil sticking to the roller.



Prism-packer roller

Prism rings spaced at 4.92 inch / 12.5 mm or 5.9 inch / 150 mm. This roller can handle any conditions, even stony ground with large quantities of harvest residues. Re-consolidating in strips, it promotes drainage and breathability of the soil in the area between the rings, which has been subject to less precompaction. Coated scrapers (standard) prevent soil sticking to the roller.



Rubber packer roller

This roller is ideal for widely varying ground conditions. Ideal also for use with trailed implements where the load-bearing capacity of other rollers is near the limit. A diameter of 23 inch / 585 mm and the special profiling allows the soil to be consolidated in ridges. Coated scrapers (standard) prevent soil sticking to the roller.

Mechanical seed drills

The best drilling – the best harvest

PÖTTINGER seed drills meet the highest demands in functionality, reliability and performance. Unique metering systems, uniform seed placement and convenient operation are among their trademarks.



LION VITASEM 402 A



VITASEM mechanical linkage-mounted seed drills

You can use VITASEM linkage-mounted seed drills on their own or in a combination with soil preparation implements. Thanks to their very low hopper, the seed drill is easy to fill. The HYDROLIFT system pivots the seed drill forwards so that the centre of gravity is towards the front so as little load as possible acts on the tractor hitch.

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
VITASEM 252 CLASSIC	8.20 / 2.50	79 / 360	21	4.72 / 120
VITASEM 252	8.20 / 2.50	106 / 480	21	4.72 / 120
VITASEM 302 CLASSIC	9.84 / 3.00	99 / 450	25	4.72 / 120
VITASEM 302	9.84 / 3.00	132 / 220 / 600 / 1000	25 / 21	4.72 / 5.62 / 120 / 143
VITASEM 402	13.12 / 4.00	187 / 308 / 850 / 1400	33 / 27	4.72 / 5.62 / 120 / 143



VITASEM A mechanical implement-mounted seed drills

VITASEM A implement-mounted seed drills are quickly and easily fitted to and removed from the soil preparation implement. In the field the weight of the seed drill acts directly on the rear roller of the cultivator or power harrow. This means that the power harrow remains free-moving. A hydraulic top link cylinder is also available to pivot the seed drill up over the soil preparation implement. This raises the coulters clear of the soil which is particularly useful when an area needs two passes. The new VITASEM A CLASSIC models are lighter and therefore suitable for smaller farms and 4 cylinder tractors.

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
VITASEM 252 A	8.20 / 2.50	106 / 480	20	4.92 / 125
VITASEM 252 A CLASSIC	8.20 / 2.50	79 / 360	20	4.92 / 125
VITASEM 302 A	9.84 / 3.00	132 / 220 / 600 / 1000	24 / 20	14.92 / 5.9 / 125 / 150
VITASEM 302 A CLASSIC	9.84 / 3.00	99 / 450	24	4.92 / 125
VITASEM 302 ADD	9.84 / 3.00	132 / 220 / 600 / 1000	24 / 20	4.92 / 125
VITASEM 402 A	13.12 / 4.00	187 / 308 / 850 / 1400	32 / 26	4.92 / 125
VITASEM 402 ADD	13.12 / 4.00	187 / 308 / 850 / 1400	32 / 26	4.92 / 125



Technology in detail



Feeding continues down to the last grain

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

Gearbox – infinitely variable in oil bath

Smooth infinitely variable oil-immersed gear unit drives the metering wheel. Seed is distributed evenly even when the metering shaft is rotating at a slow speed.

Proven disc coulters

- Concave single-disc coulters, diameter 125.98 inch / 320 mm, with twin-race tapered bearings fitted with special seals.
- The rotating scrapers are adjustable and clean effectively. Large clearance to the side and an inter coulter rail spacing of 11.81 inch / 300 mm makes the machine resistant to large clods of soil and harvest residues.
- Disc coulters equipped with a wear-resistant cast coulter point.



Ingenious coulters system - best placement guaranteed

Concave disc coulters are the best choice for mulch drilling or when handling large quantities of organic matter. PÖTTINGER's diagonally tracking disc coulters open up the soil. The cast shoe, similar to a Suffolk coulters, removes wilted straw and crop residues from the seed placement area and forms a neat seed slot. Uniform seed germination is guaranteed as a result.



DUAL DISC double-disc coulters

- VITASEM ADD implement-mounted seed drills are equipped with DUAL DISC double-disc coulters.
- Each of the disc coulters is guided by a press wheel to ensure uniform seed placement depth – press wheel diameter 12.99 inch / 330 mm.
- The inter coulter rail spacing of 11.81 inch / 300 mm guarantees large clearance and smooth material flow even with large amounts of organic matter.
- The equal-length coulter arms ensure consistent, uniform coulter pressure.
- Central coulter pressure adjustment.
- Convenient depth settings.



Tramline switching for VITASEM and VITASEM A

Tramlines are controlled using the COMPASS control unit. You only need to enter the spraying width and the tramline rhythm will be calculated automatically.

An electric motor shuts off the relevant metering wheels. Up to three metering wheels per tramline can be switched off. Asymmetric tramlines and custom tramline configurations are also possible.



Electric metering

The VITASEM A seed drill is also available with an electric metering drive as an option. The system is controlled by a speed signal and the POWER CONTROL terminal.

- No land wheel required
- Calibration at the press of a button

COMPASS CONTROL convenience

- Electronic tramline switching
- Calibration aid
- Hectare counter and speed display
- Optional: Function for monitoring metering shaft and 'seed hopper empty' signal



Unique sowing technology on mechanical drills multi-functional seed wheels

- Multi-drilling system for seed rates between 0.45 and 400 lbs per 2.47 acre or 0,5 and 450 kg / ha
- Three-row multi-functional metering wheel with staggered peg rows
- Single row small seed metering wheel separated by a slide
- Partition for quick conversion from normal to small seed drilling – no need to reduce speed



Principle: sowing individual grains

Reverse metering as option: When planting oil seed rape, the direction of rotation of the metering shaft is changed by simply switching the gears in the side drive unit. Small indents on the rear of the sowing wheel pegs take only one grain at a time and drop it overhead into the seed funnel.



Pneumatic seed drills

Revolutionary seed drill technology

The unique AEROSEM seed drill concept from PÖTTINGER unites the drilling of cereals and maize. Precision universal metering and perfect coulter systems guarantee exact placement of the seed.



AEROSEM pneumatic implement mounted seed drills

Suffolk coulters, 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 dedicated precision seed drills. This means more flexibility and greater efficiency in operation. Awarded two DLG Silver Medals at Agritechnica 2013.

	Working width ft / m	Row spacing inch / mm	Coulter pressure / coulter lbs / kg	Power requirement
AEROSEM 3002 A	9.84 / 3	5.90/4.92 / 15 /12.5	up to 55 / 25	81 kW / 110 hp
AEROSEM 3002 ADD	9.84 / 3	5.90/4.92 / 15 /12.5	up to 110 / 50	103 kW / 140 hp
AEROSEM 3502 A	11.48 / 3.5	14.92 / 12.5	up to 55 / 25	92 kW / 125 hp
AEROSEM 3502 ADD	11.48 / 3.5	14.92 / 2.5	up to 110 / 50	121 kW / 165 hp
AEROSEM 4002 A	13.12 / 4	5.90/4.92 / 15 /12.5	up to 55 / 25	103 kW / 140 hp
AEROSEM 4002 ADD	13.12 / 4	5.90/4.92 / 15 /12.5	up to 110 / 50	140 kW / 190 hp

Technology in detail



Unique distributor head

The seed is fed uniformly to the distributor in an air stream that passes up the riser tube. The design of the distributor guarantees exact division of the seed into each of the coulters pipes.

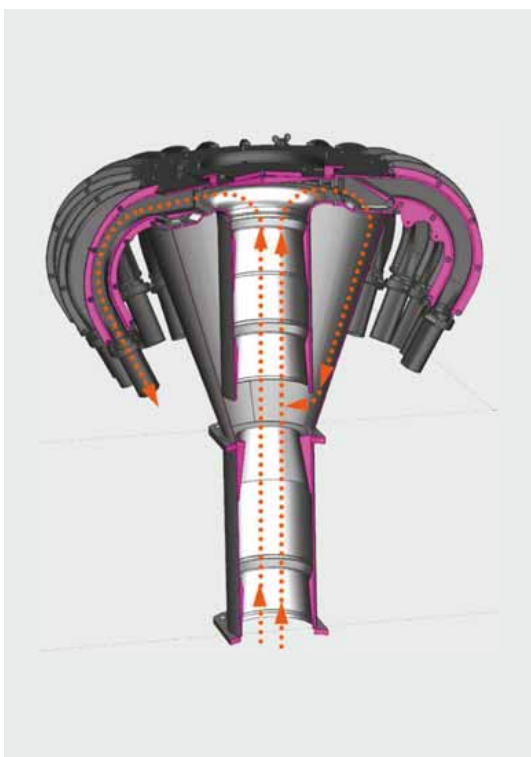
- Mechanical metering drive (standard)
- Electric metering drive and IDS distributor (optional)



High-capacity seed hopper

- Large hopper capacity of 274 gal / 1250 litres
- Hopper extension for additional 274 gal / 1250 litres (optional)

IDS Intelligent distribution system

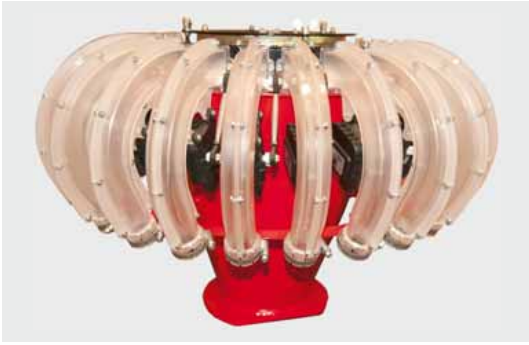


Flexibility that pays dividends

The newly-developed IDS distribution system controls all outlets via the BUS system. This opens up completely new capabilities in seed row and tramline switching. In conjunction with POWER CONTROL or ISOBUS on the tractor and the electric metering drive, there are now no limits to flexible working in the field.

Choose any of the following:

- Row spacing
- Tramline widths
- Track widths
- Special tramline switching
- Dual tramline systems
- Half width switching left and right



Save 6 % of your seed

IDS controls automatic seed flow reduction in the metering system during tramlining and half rail drilling. The excess seed is returned to the riser tube via a funnel system.

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



PRECISION COMBI SEEDING – individual seed drilling technology



A seed drill for 4 applications

- Cereals
- Maize
- Maize with fertiliser
- Maize with grass

Your advantages

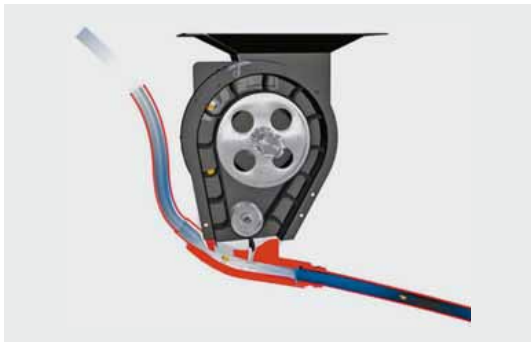
- Expansion in the range of applications – high flexibility
- Reduction in investment costs by combining a pneumatic seed drill with a precision seed drill
- Multiple uses for the machine combination
- No separate precision seed drill required
- Independence from contractor
- Make the most of the best weather conditions
- Reduction in fixed operating costs per hectare

Exact seed separation

Several precision metering elements are located beneath the additional hopper funnel. This hydraulically-driven system ensures exact mechanical separation of the seed. The seeds are then transported to the specially-developed injector. The air stream conveys the seed to the coulter.

- Easy adjustment of seeds per 1.19 square yard / m²
- Precise monitoring of seed distribution in seed slot





Pneumatic seed transport

An air flap divides the air stream between the standard metering system and the PCS. Under pressure, the air system injector takes the individual seeds from the seed elevator and transports them at precise intervals to the coulter. A seed flow sensor monitors reliable seed transport and indicates to the driver the accuracy of seed distribution in the seed slot.



Perfectly placed

The DUAL DISC coulter with its integrated seed slot former ensures a perfect seed slot. A firming roller presses the seed into the slot. A press wheel controls consolidation and working depth. The seed placement depth can be adjusted centrally.

- No vertical drop
- Exact seed placement
- Seed does not roll along slot
- Optimum covering of seed
- Uniform seed germination



One hopper for all jobs

The seed hopper is simply divided for single-seed drilling using PCS and application-specific fertilisation. The partition walls are repositioned quickly and easily using wing-nuts without the need for tools. The hopper then offers space for 86 (2 x 43) gal / 400 litres of seed (2 x 200 l) and 175 gal / 800 litres of fertiliser.

Mulch seed drills

Efficient drilling

The PÖTTINGER TERRASEM mulch drilling concept combines soil cultivation, consolidation and planting in a single machine. The effective compact disc harrow, unique tyre packer and perfect coulter rail deliver optimum results.

TERRASEM C8



TERRASEM R rigid version

A two-gang disc harrow prepares the soil. The discs are mounted on rubber elements and enable the discs to move over stones and foreign bodies. This NONSTOP stone protection is absolutely maintenance free. These models utilise a rigid frame construction that does not fold for transport. The transport width is the same as the working width (9.84 ft / 3.0 m or 13.12 ft / 4.0 m).

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
TERRASEM R3	9.84 / 3.00	660/869 / 3000/3950	24	4.92 / 125
TERRASEM R4	13.12 / 4.00	660/869 / 3000/3950	32	4.92 / 125



TERRASEM C folding version

The three-part design of the folding version offers perfect ground tracking for large working widths. The folding disc harrow, packer and coulter rail sections follow the contours of the ground. A four-section hinge between the coulter rail and packer ensures that the contours of the ground are followed exactly along the direction of travel. Wide press wheels direct the double-disc coulters for precision depth placement.

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
TERRASEM C4	13.12 / 4.00	660/869 / 3000/3950	32	4.92 / 125
TERRASEM C6	19.69 / 6.00	660/869 / 3000/3950	48	4.92 / 125
TERRASEM C8	26.25 / 8.00	880/1122 / 4000/5100	64	4.92 / 125
TERRASEM C9	29.53 / 9.00	880/1122 / 4000/5100	72	4.92 / 125

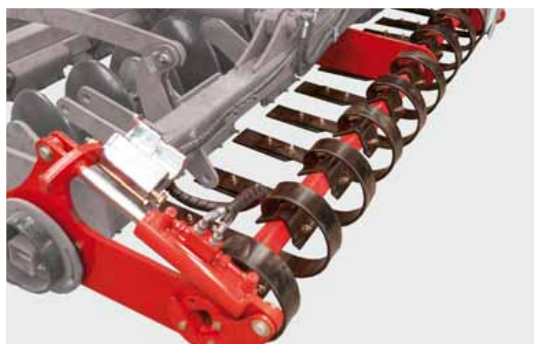


TERRASEM FERTILIZER with direct fertilisation

The direct fertilisation system enables the seed drill to deposit fertiliser at the same time as the seed. This provides you with optimum growth conditions following germination of the seed. At the same time you increase generative growth as a result.

	Working width ft / M	Seed hopper gal / l	Rows	Row spacing inch / mm
TERRASEM R3 FERTILIZER	9,84 / 3.00	880 / 4000	24 + 12	4.92 / 125
TERRASEM C4 FERTILIZER	13.12 / 4.00	880 / 4000	32 + 16	4.92 / 125
TERRASEM C6 FERTILIZER	19.69 / 6.00	880 / 4000	48 + 24	4.92 / 125
TERRASEM C8 FERTILIZER	26.25 / 8,00	880 / 4000	64 + 32	4.92 / 125
TERRASEM C9 FERTILIZER NEW	29.53 / 9,00	880 / 4000	72 + 36	4.92 / 125

Technology in detail



FRONTBOARD

- The disc harrow can also be specified with the optional FRONTBOARD.
- Thanks to the new FRONTBOARD even ploughed or hard soil can be levelled.
- Used with the TERRASEM, the new FRONTBOARD ensures that clods are broken up even very dry conditions. Working on stony ground is also easier with the FRONTBOARD. After removing the stones, it then levels the resulting holes.



The metering unit – highest precision

- The metering unit is electrically driven and is controlled via radar sensor or ISOBUS signal from the tractor.
- Infinite seed-rate adjustment, automatic metering wheel control and pre-metering through to Section Control (SEED COMPLETE).
- Easy calibration without the need for tools to change the metering wheel.
- An emptying shutter ensures all the seed is emptied out of the hopper.



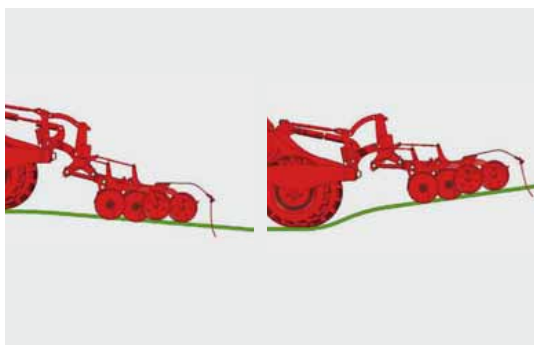
Combined packer and chassis unit

- The chassis is fitted with wide tyres to consolidate the soil, each tyre covering four coulters rows.
- At the headland the weight of the machine is supported by all the wheels to conserve the soil.
- On the road the machine is transported on four wheels – the two wheels in the middle are raised to improve stability and the braking efficiency of the two outer pairs of wheels.



Double-disc coulters for a neat seed slot

- 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 88 and 264 lbs / 40 and 120 kg.
- The maintenance-free rubber mounting elements provide optimum freedom of movement for each unit.



Contour adaptation

- Precise ground tracking is achieved by the set pressure on the seed coulter as the rear roller follows the contours of the terrain
- Coulter rails with coulter arms of the same length – coulter offset is achieved by mounting either on the front or rear rail – ensure 100% consistent coulter pressure

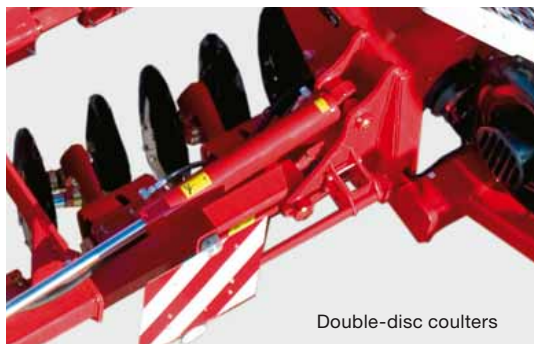
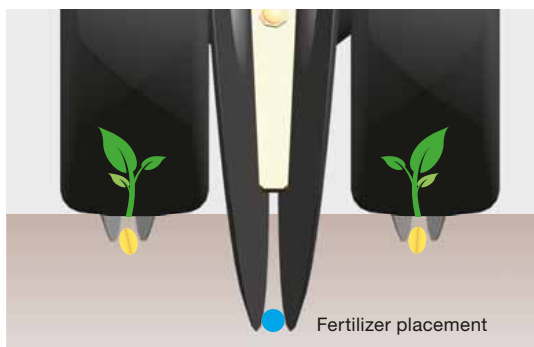


Wiesław Gryn, Rogów in Zamojszczyzna, Poland

“For more than 4 years now I’ve been using the TERRASEM C6 mulch seed drill on my 1680 acres / 680 hectare arable farm. I am particularly pleased with the ground tracking made possible by the three-section frame and the precision of the seed placement. The two-row disc harrow with its large discs delivers perfect results on my heavy soil and large quantities of harvest residues.”

TERRASEM FERTILIZER

mulch drill with direct fertilisation



Using direct fertilisation enables the TERRASEM FERTILIZER to deposit fertiliser at the same time as the seed. Optimum growth conditions are created during the early phases, increasing the generative performance of the seed as a result.

Fertiliser is applied on TERRASEM FERTILIZER mulch seed drills using DUAL DISC precision coulters. The fertiliser is placed every other seed row behind the compact disc harrow and before the rear roller. You can adjust the placement depth. The surface is then consolidated across the whole area by the packer before the seed is planted. The DUAL DISC precision coulters thus place a deposit of fertiliser in a perfect position to nourish the roots as they develop. You save on fertiliser, reduce unproductive losses and boost early plant growth. That puts you well on the way to achieving optimum yield.

Partitioned seed hopper

- Two-section seed hopper with moveable partition for seed and fertiliser – Divided 40:60, 50:50 or 60:40
- Two metering units

Direct fertilisation

- Seedbed preparation
- Fertiliser is placed in rows between each second row of seed; placement depth up to 3.94 inch / 10 cm
- Variable placement depth
- NONSTOP stone protection on coulters
- All machine controls and monitoring functions integrated into a single terminal
- Metering unit in stainless steel

DUAL DISC precision coulter

- Plain discs with sealed bearings
- 14.96 inch / 380 mm diameter
- 9.84 inch / 25 cm row spacing
- Coulter pressure up to 176 lbs / 80 kg
- Plenty of clearance to the side
- Unrestricted soil flow
- Easy disc changes

Mowers

The perfect cut

A precision mowing process is the starting point for high forage quality. The best possible ground tracking, minimal losses and precision when working without time consuming operation are what the industry demands. Our mowers ensure first-class cutting quality, smooth operation and strength.



NOVACAT S12



NOVAALPIN & NOVACAT front-mounted disc mowers

With our versatile product range we cover every demand in the field. Our extremely light NOVAALPIN mowers in three working widths were developed especially for mountain tractors and twin axle mowers. NOVACAT disc mowers can be equipped with two different headstocks, depending on requirements: The NOVACAT CLASSIC is the proven universal mower with a compact design and low weight. With the NOVACAT ALPHA MOTION, we have revolutionised front mower mounting technology. Perfect weight alleviation and optimum ground tracking make the PÖTTINGER ALPHA MOTION unique on the market.

	Working width ft / m	Number of discs	Acres / ha per hour	Weight SF lbs / kg	Weight with conditioner ED	RCB
Front mowers, extra lightweight construction for twin axle mowers and tractors available with three-point headstock (B) or Weiste triangle (T)						
NOVAALPIN 221 B / T	7.21 / 2.20	5	5.40 / 2.20	925 / 420	–	–
NOVAALPIN 261 B / T	8.59 / 2.62	6	6.40 / 2.60	1014 / 460	–	–
NOVAALPIN 301 B / T	9.97 / 3.04	7	7.40 / 3.00	1146 / 520	–	–
Front-mounted disc mowers						
NOVACAT 261 CLASSIC	8.59 / 2.62	6	6.40 / 2.60	1510 / 685	–	–
NOVACAT 301 CLASSIC	9.97 / 3.04	7	7.40 / 3.00	1642 / 745	–	–
NOVACAT 351 CLASSIC	11.35 / 3.46	8	8.40 / 3.40	1774 / 805	–	–
NOVACAT 261 ALPHA MOTION	8.59 / 2.62	6	6.40 / 2.60	1907 / 865	2347 / 1065	2458 / 1115
NOVACAT 301 ALPHA MOTION	9.97 / 3.04	7	7.40 / 3.00	1995 / 905	2524 / 1145	2700 / 1215
NOVACAT 351 ALPHA MOTION	3.46 m	8	3.40	985 kg	1265 kg	1315 kg



NOVADISC & NOVACAT rear-mounted disc mowers

NOVACAT and NOVADISC rear mowers offer reliability and efficiency during your mowing. Our smooth-running NOVADISC mowers with side pivot mounting, represent high output and a clean cut with the lowest power requirement. The NOVACAT centre pivot-mounted rear mowers, you will experience excellent ground tracking and weight alleviation. As a result you benefit from maximum forage quality with minimal contamination.

	Working width ft / m	Number of discs	Acres / ha per hour	Weight lbs / kg SF	Weight with conditioner lbs / kg ED	RCB
Rear disc mowers, side pivot mounting, without conditioner						
NOVADISC 225	7.21 / 2.20	5	5.4 / 2.20	1344 / 610	–	–
NOVADISC 265	8.59 / 2.62	6	6.4 / 2.60	1432 / 650	–	–
NOVADISC 305	9.97 / 3.04	7	7.4 / 3.00	1521 / 690	–	–
NOVADISC 350	11.35 / 3.46	8	8.4 / 3.40	1620 / 735	–	–
NOVADISC 400	12.72 / 3.88	9	9.6 / 3.90	1686 / 765	–	–
Rear disc mowers with centre pivot mounting						
NOVACAT 262	8.59 / 2.62	6	6.40 / 2.60	2006 / 910	2557 / 1160	2712 / 1230
NOVACAT 302	9.97 / 3.04	7	7.40 / 3.00	2050 / 930	2778 / 1260	2932 / 1330
NOVACAT 352 V	11.35 / 3.46	8	8.40 / 3.40	2270 / 1030	–	–
NOVACAT 352	11.35 / 3.46	8	8.50 / 3.40	2160 / 980	2954 / 1340	3064 / 1390
NOVACAT 352 CF NEW	11.35 / 3.46	8	8.40 / 3.40	3219 / 1460	–	–
NOVACAT 402	12.72 / 3.88	9	9.88 / 4.00	2292 / 1040	–	–
NOVACAT 442	14.11 / 4.30	10	11.10 / 4.50	2380 / 1080	–	–



NOVADISC & NOVACAT mower combinations

The PÖTTINGER mower combinations are high output and economical. These mowers can be used as front/rear-mounted combinations or in a reverse drive push configuration. Thanks to the swath merging COLLECTOR, our mower combinations are even more versatile. The high level of user convenience, ingenious details, wide range of applications, strength and first-class cutting quality make these mower combinations among the most productive in their class.

	Working width ft / m	Number of discs	Acres / ha per hour	Weight lbs / kg SF	Weight with conditioner lbs / kg ED	RC	RCB
NOVADISC 730	23.75 / 7.24 m	2 x 6	17.30 / 7	2678 / 1215	–	–	
NOVADISC 810	26.05 / 8.08 m	2 x 7	22.20 / 9	3086 / 1400	–	–	
NOVADISC 900	29.26 / 8.92 m	2 x 8	27.18 / 11	3351 / 1520	–	–	
NOVACAT X8	27.23 / 8.30 m	2 x 7	24.70 / 10	4762 / 2160	5776 / 2620	6129 / 2780	–
NOVACAT X8 COLLECTOR	27.23 / 8.30 m	2 x 7	24.70 / 10	–	8377 / 3800	9788 / 4440	–
NOVACAT A10 NEW	28.90/32.87 / 8.8/10.02	2 x 8	29.65 / 12	5181 / 2350	6790 / 3080	–	6966 / 3160
NOVACAT S10	29.85/ 31.23 / 9.10/9.52	2 x 8	27.18 / 11	3968 / 1800	–	–	
NOVACAT S12	35.36/36.74 / 10.78/11.20	2 x 10	32.12 / 13	4497 / 2040	–	–	



NOVACAT T trailed mowers

Trailed NOVACAT mowers are ideal for cutting heavy crops. We achieve perfect three-dimensional ground tracking thanks to the fully-floating mower unit. The optimised spring system ensures the weight of the mower is constantly in suspension, protecting your sward perfectly. You can also take delivery of your NOVACAT T with the COLLECTOR grouper.

	Working width ft / m	Number of discs	Acres / ha per hour	Weight lbs / kg SF	Weight with conditioner lbs / kg ED	Weight with conditioner lbs / kg RC
NOVACAT 307 T	9.97 / 3.04	7	8.90 / 3.60	–	4389 / 1991	4522 / 2051
NOVACAT 3007 T	9.97 / 3.04	7	8.90 / 3.60	–	4698 / 2131	2190 / 4828
NOVACAT 3507 T	11.35 / 3.46	8	10.38 / 4.20	–	4863 / 2206	5040 / 2286
NOVACAT 307 T COLLECTOR	9.97 / 3.04	7	8.90 / 3.60	–	5578 / 2530	5611 / 2545
NOVACAT 3007 T COLLECTOR	9.97 / 3.04	7	8.90 / 3.60	–	–	5974 / 2710
NOVACAT 3507 T COLLECTOR	11.35 / 3.46	8	10.38 / 4.20	–	6228 / 2825	6371 / 2890

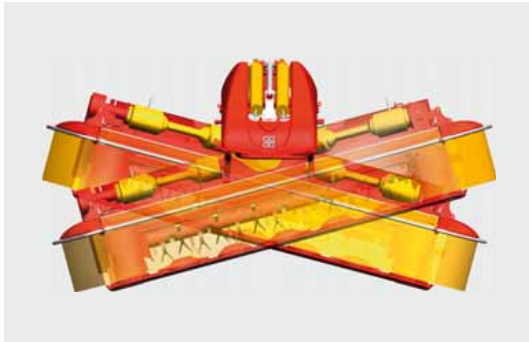


EUROCAT drum mowers

We rely on proven drum mower technology. The major advantage of our drum mowers is their high performance in dense grass crops. You benefit from the boost in crop flow and perfect swath formation.

	Working width ft / m	Acres / ha per hour	Weight lbs / kg SF	Weight with conditioner lbs / kg ED
EUROCAT 271 CLASSIC	8.85 / 2.70 m	6.70 / 2.70	1730 / 785	–
EUROCAT 271 PLUS CLASSIC	8.85 / 2.70 m	6.70 / 2.70	1862 / 845	–
EUROCAT 311 CLASSIC	10.00 / 3.05 m	7.90 / 3.20	1906 / 865	–
EUROCAT 311 PLUS CLASSIC	10.00 / 3.05 m	7.90 / 3.20	2039 / 925	–
EUROCAT 311 ALPHA MOTION	10.00 / 3.05 m	7.90 / 3.20	2304 / 1045	–
EUROCAT 311 PLUS ALPHA MOTION	10.00 / 3.05 m	7.90 / 3.20	2391 / 1085	2833 / 1285
EUROCAT 272	8.85 / 2.70 m	6.70 / 2.70	2271 / 1030	2844 / 1290
EUROCAT 312	10.00 / 3.05 m	7.90 / 3.20	2402 / 1090	–

Technology in detail



ALPHA MOTION – unique ground tracking for front mowers

- Supporting frame and guide rods follow every undulation in the ground.
- Large springs ensure uniform movement of the mowing unit with a vertical travel of 19.70 inch / 500 mm.
- Extremely smooth running for best sward protection.
- For tractors between 70 and 360 hp – regardless of model and size of front hitch.



Quick-change blade system – it's this easy

- Faster and easier changing of blades.
- Blade holders bolted to mower disc for cost effective replacement.
- Standard on all PÖTTINGER mowers.



Efficient weight alleviation for NOVACAT rear mowers

- Centre pivot mounting – weight alleviation across entire mowing width.
- Floating cut thanks to hydraulic weight alleviation.





NOVACAT 302 ED



ED EXTRA DRY tine conditioner

- Wide-spread or swath formation possible.
- Flexible adjustment of conditioning intensity.
- Increase in forage energy.



RC / RCB roller conditioner – careful and effective

- The rollers inter-mesh to uniformly squash the stalks and produce a uniform blanket of forage.
- Both rollers are driven.
- The RCB roller conditioner is driven by a toothed belt to ensure contamination-free conditioning and low maintenance.



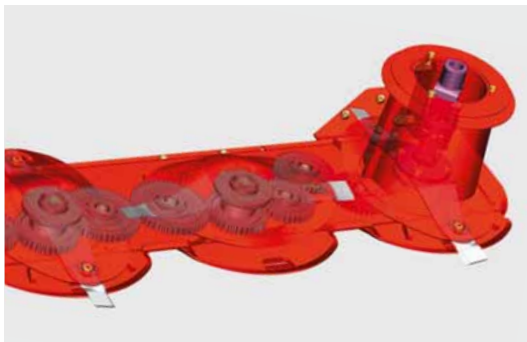
TRI DRIVE – gear optimisation

- New gear pairs with the same diameter 39/50.
- Three teeth in contact – better power transmission – softer starting characteristics
- New surface on gears ensures smoother running and a reduction in noise level.

High-cut skids

- High-cut skids + 1.57 inch / 40 mm
- High-cut skids + 0.78 inch / 20 mm
- High-cut skids for both outer skids

Cutter bar



Quality made in Austria

First-class cutting quality, low drag resistance and high strength are the trademarks of PÖTTINGER disc mowers. The NOVACAT cutter bar is a major factor for obtaining high quality forage. These have been designed and manufactured exclusively in Austria.

Optimum crop flow – clean forage

The tapered leading edge of the cutter bar allows the ground to flow beneath, separating it cleanly from the crop. The contoured shape of the mower disc surfaces increases the effect of the paddles on crop flow, lowering the drag resistance of the mower.

Perfect cutting quality

The mower blades rotate very close to the surface of the cutter bar and the counter knife. The optimised overlap of blade paths ensures a clean and uniform mowing pattern.

Highest quality – long service life

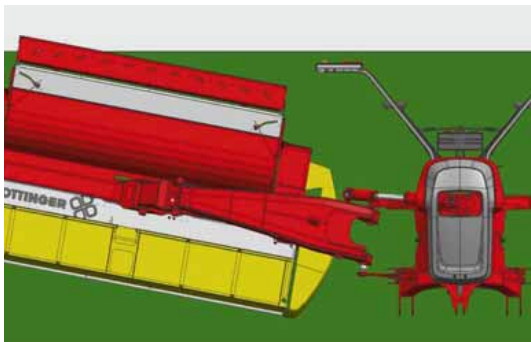
The cutter bar is made from the best quality steel. The metal plate is laser-cut and robot-welded with 100% accuracy before precision machining at the state-of-the-art CNC machining centre. Heavy-duty, twin race tapered bearings guarantee the best absorption of impacts. All gears are hardened and machined. A gear face width of 0.78 inch / 20 mm and a double-sided engagement of the teeth ensure smooth operation and a long service life.





NOVACAT A10

Flexibility and productivity



NOVACAT A10 mower combination

The NOVACAT A10 joins our modern range of mower combinations. This smooth running high performance disc mower features easy mounting, perfect ground tracking and the PÖTTINGER cutter bar proven thousands of times in the field.

Y-DRIVE transmission for the toughest operating conditions

- Y-DRIVE gearbox enables a drive line with long standardised drive shafts without steep angles. The smooth operation of the drive shafts increases the service life, especially in tough operating conditions and when raised in the headland position.
- The backlash-free drive line using standard drive shafts has been made possible by locating the slip clutches on the opposing side of the central gearbox. This ensures extremely smooth operation and an extended service life.
- Smooth shaft rotation thanks to optimum gear ratios.
- A double universal joint in the inside mower drum provides a stress-free link between the gearbox and the cutter bar.

NONSTOP LIFT – hydraulic collision safety device

When triggered by an obstruction, the mower unit folds backwards at the same time as lifting up at the front. The cutter bar avoids the obstacle and then moves back automatically into the working position. Thanks to this unique technology, there is no need to stop driving and damage to the mower is avoided.

Operating convenience for all customer specifications

Whether Select Control for straightforward operation, POWER CONTROL or CCI Terminal or integrated with the tractor terminal for the highest operating convenience, our wide range of control systems meets all requirements.

NOVACAT 352 CF

Swath merging made easy



NOVACAT 352 CF

The NOVACAT 352 CF, PÖTTINGER now offers a cost-effective and lightweight system for merging swaths. Its low weight and low power requirement greatly reduce fuel consumption.

Cost effective system

The NOVACAT 352 CF allows you to profit from much lower investment costs for a swath merging system. This innovative solution does not need a conditioner and enables a weight reduction of 30 % compared to conventional systems. Thanks to its low power requirement, you save on fuel costs.

Straightforward and flexible

It is easy to switch between wide spreading or swath placement by manually opening the cover. Because the cross conveyor auger runs inside a closed casing, all the crop is conveyed to the adjacent swath without losses.

	Working width ft / m	Number of discs	Acres / ha per hour	Weight lbs / kg	Minimum power requirement
NOVACAT A10	28.87/32.87 / 8.8/10.02	2 x 8	29.65 / 12	5181 / 2350	118 kW / 160 hp
NOVACAT A10 ED	28.87/32.87 / 8.8/10.02	2 x 8	29.65 / 12	6790 / 3080	132 kW / 180 hp
NOVACAT A10 RCB	28.87/32.87 / 8.8/10.02	2 x 8	29.65 / 12	6966 / 3160	132 kW / 180 hp
NOVACAT 352 CF	11.35 / 3.46	8	8.4 / 3.4	3218 / 1460	103 kW / 140 hp

Tedders

High strength and the best tedding quality

You will be impressed with the perfect ground tracking of our proven rotary tedders. Tedding crops carefully without contamination entering the forage is the result. The wide wheels together with the MULTITAST jockey wheel on the headstock greatly improve performance on slopes. High manufacturing quality guarantees a long service life.



ALPINHIT four and six rotor tedders

Lightweight design and perfect ground tracking were the primary focus in the development of our ALPINHIT tedders. These two characteristics guarantee you'll be working efficiently, especially in the mountains. With the ALPINHIT series, PÖTTINGER offers two tedders in this segment.

	Working width DIN ft / m	Rotors	Arms per rotor	Weight H lbs / kg	Weight N lbs / kg
ALPINHIT 4.4 H / N	13.12 / 4.00	4	5	628 / 285	727 / 330
ALPINHIT 6.6	18.86 / 5.75	6	5	–	1243 / 564



HIT four-rotor tedders

The highest demands of small to medium-sized farms are met in full by our 4-rotor tedders. Designed for all forage types, these machines provide you with optimum spread pattern and perfect crop take-up.

	Working width DIN ft / m	Rotors	Arms per rotor	Weight lbs / kg
HIT 4.47	14.43 / 4.40	4	6	1157 / 525
HIT 4.54	17.06 / 5.20	4	6	1212 / 550
HIT 4.54 T	17.06 / 5.20	4	6	1411 / 640



HIT six rotor tedders

The tedder series with six rotors is for farmers who value high specifications and ease of use. These six rotor machines provide excellent ground tracking, the best crop take-up and a uniform spread pattern.

	Working width DIN ft / m	Rotors	Arms per rotor	Weight
HIT 6.61	18.86 / 5.75	6	5	1730 / 785
HIT 6.69	21.16 / 6.45	6	6	1884 / 855
HIT 6.80	24.44 / 7.45	6	6	2072 / 940
HIT 6.80 T	25.75 / 7.85	6	6	2292 / 1040



HIT eight rotor tedders

We meet the highest specifications in the professional sector with these eight-rotor machines. You will be impressed by how convenient they are to operate. The new DYNATECH rotors guarantee even better working quality with the best forage protection.

	Working width DIN ft / m	Rotors	Arms per rotor	Weight lbs / kg
HIT 8.81	25.26 / 7.70	8	5	2402 / 1090
HIT 8.91	28.21 / 8.60	8	6	2755 / 1250
HIT 8.91 T	28.21 / 8.60	8	6	3328 / 1510



HIT T trailed tedders

With these trailed HIT T tedders, PÖTTINGER combines high output with intelligent technology. Both of our models feature refined lifting geometry allowing you to. This means you can raise the tedder into the headland position quickly and easily.

	Working width DIN ft / m	Rotors	Arms per rotor	Weight lbs / kg
HIT 10.11 T	34.78 / 10.60	10	6	4618 / 2095
HIT 12.14 T	41.67 / 12.70	12	6	5235 / 2375

Technology in detail



HEAVY DUTY tine security system

- The arched mounting for the tines provides support during operation and makes the tines more robust.
- The durability of the tines is increased significantly.
- The integral tine security system reduces the risk of broken parts entering the harvesting chain.



MULTITAST wheel for perfect ground tracking

- An optional jockey wheel on the headstock ensures exact working height and best ground tracking.
- Output and operating speed can be increased considerably as a result.
- Adjust the jockey wheel without the need for tools.



Rotor inclination adjustment

- The rotor angle can be adjusted without using any tools.
- The rotors can be set to match the forage conditions quickly and easily.
- A uniform and tidy spread pattern is ensured as a result.

Stabiliser struts

Double-acting struts for best centre alignment



Josef Koliba, Czech Republic

"I use the HIT 10.11 T trailed tedder with a working width of 36.10 ft / 11 metres. What I really like about this machine is the DYNATECH rotors and height adjustable tines as they handle the crop carefully. My son Pavel does a great job of running the farm and particularly enjoys working with the HIT tedder, he has covered 982.42 acres / 400 ha last season."



New DYNATECH rotor technology



High performance from our new tedders goes without saying, because they are engineered for tough, high endurance jobs. It was for this reason that we completely redesigned the rotors.

The sturdy tine arm mountings withstand the highest stresses. The rotor dishes are made of thick-walled pressed steel components with precise placement for the tine arms.

The tine arms are also bolted to the rotor hubs to ensure an extremely secure mounting. The tine arms cannot work loose, so cannot twist as a result. Totally uniform crop take-up is ensured by the precise tine interval and that is the prerequisite for an optimum spread pattern.



The curved shape of the tine arms is unique.

The trailed tine arrangement reduces the load on the rotors and simultaneously allows the sweeping tines to work with less pressure and thus protect the forage. The curved shape of the rotor arms prevents forage from building up on the tine arms and wrapping around the rotors. Perfect spreading quality and clean forage is ensured.



Curved shape of the tine arms

- Sweeping tine guidance
- Less stress on the bearings
- Tines sweep more softly to protect crop
- Arms remain free of crop
- No wrapping around rotor

Rakes

TOP performance – TOP forage quality

Smooth running PÖTTINGER rakes with perfect ground tracking and extreme manoeuvrability are designed to meet the high specifications of the industry. Rakes that offer the lowest disintegration loss and minimal soil accumulation guarantee energy rich forage and efficient use of base forage.



TOP 842 C



TOP single rotor rakes

Our single rotor machines are the ideal choice for smaller fields. Big raking outputs with smaller tractors, the TOP 421 TOPTECH PLUS and TOP 461 TOPTECH PLUS are also available as trailed machines.

	Working width ft / m	Tine arms	Tine pairs per arm	Weight lbs / kg
ALPINTOP 300 U	9.84 / 3.00	8	3	617 / 280
TOP 342	11.15 / 3.40	10	4	1045 / 474
TOP 382	12.46 / 3.80	11	4	1179 / 535
TOP 422	13.77 / 4.20	12	4	1609 / 730
TOP 462	15.09 / 4.60	12	4	1686 / 765
TOP 421 A TOPTECH PLUS	13.77 / 4.20	12	4	1753 / 795
TOP 461 A TOPTECH PLUS	15.09 / 4.60	12	4	1830 / 830



TOP twin rotor side swath rakes

Our side swath rakes can easily be adapted to different crop conditions and harvesting systems. Achieve the perfect ground tracking delivered by PÖTTINGER rakes thanks to the optimised setup and independent movement of the rotors.

	Working width ft / m	Tine arms	Dual tines per arm	Swath formation	Weight lbs / kg
TOP 662	21.48 – 23.95 / 6.55 – 7.30	2 x 12	4	right	4387 / 1990
TOP 722	22.30 – 24.93 / 6.80 – 7.60	2 x 13	4	right	5489 / 2490
TOP 812	24.93 / 7.60	2 x 13	4	right	6194 / 2810
TOP 611 TOPTECH PLUS	11.15 – 20.34 / 3.40 – 6.20	2 x 12	4	left	3725 / 1690
TOP 691 TOPTECH PLUS	13.77 – 22.63 / 4.20 – 6.90	2 x 12	4	left	3813 / 1730



TOP C twin rotor centre swath rakes

The advantage of our centre swath rakes is their uniform and airy swath placement. Our centre-swath rakes guarantee a perfectly matched swath for the next machine in the harvest chain.

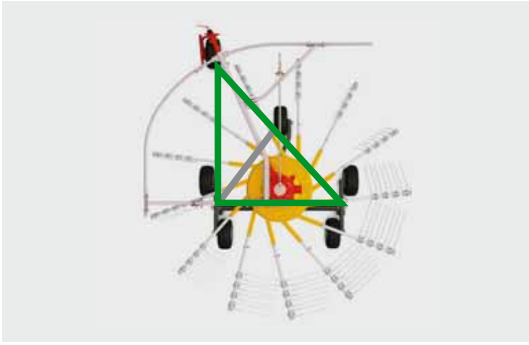
		Working width ft / m	Tine arms	Tine pairs per arm	Weight lbs / kg
TOP 612	NEW	19.35 / 5.90	2 x 11	3	2226 / 1010
TOP 612 C		19.35 / 5.90	2 x 11	3	3240 / 1470
TOP 702 C		20.50 – 22.63 / 6.25 – 6.90	2 x 11	4	3703 / 1680
TOP 762 C CLASSIC		22.43 / 6.85	2 x 11	4	3968 / 1800
TOP 762 C		22.43 / 6.85	2 x 13	4	4276 / 1940
TOP 842 C		25.26 – 27.55 / 7.70 – 8.40	2 x 13	4	5687 / 2580
TOP 962 C	NEW	29.20 – 31.50 / 8.90 – 9.60	2 x 15	4	6900 / 3130



TOP C S-LINE four-rotor rake

Short harvesting windows necessitate high performance harvesting technology. The professional TOP C S-LINE series offer you powerful centre-swath rakes with the highest possible output.

	Working width ft / m	Rotor	Tine arms	Tine pairs per arm	Weight lbs / kg
TOP 1252 C S-LINE	26.25 – 41.01 / 8.00 – 12.50	4	4 x 13	4	13921 / 6315

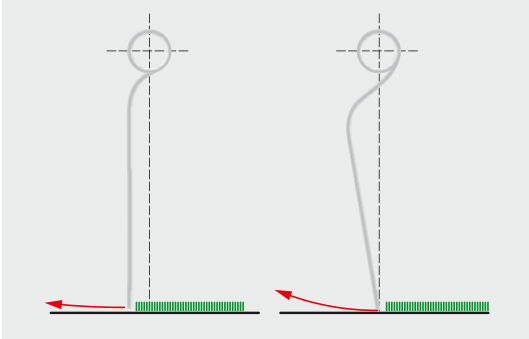


MULTITAST wheel – The ultimate in ground tracking

- The MULTITAST wheel increases the overall area of the support triangle. This ensures the rotors run more smoothly and suppresses vibrations.
- The result is 25 % less raw ash/contamination in the forage

Tines with millimetre precision

- Straight tines without large offset
- Ground tracking under the tine arm – no lifting from ground when coming under load.
- Tines are lifted gently out of the swath



TOPTECH PLUS rotors

- Precision components combined with tough materials for a long service life.
- The tine arm bearings are widely spaced to provide maximum strength.
- Cam track diameter is either 13.77 or 16.54 inch / 350 or 420 mm (dependent upon the model).
- Wide bearing spacing on the tine arms for the highest strength with minimum stress on the arm bearings.
- The cam track can be adjusted to different forage volumes and changing harvesting conditions.
- The entire rotor unit is encapsulated and dust-tight.
- Maintenance free and highly durable steel cam rollers.
- The rotor gearbox unit is sealed separately and runs in semi-liquid grease.
- If damaged, the whole tine arm assembly can be replaced quickly and easily by removing just two bolts.



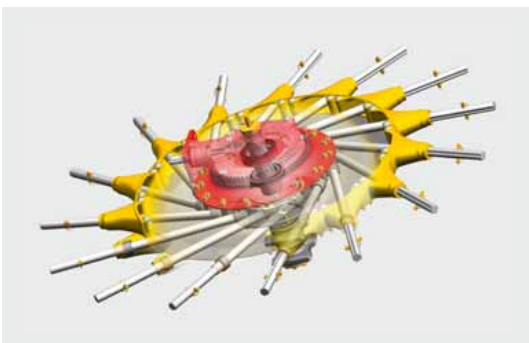
Tandem chassis

- Wide wheel spacing for the best performance on slopes
- Driving speeds in excess of 9.32 mph / 15 km / h are possible
- Rotor pitch is adjustable



DURATEC rotors – high strength for TOP S-LINE

- The cam track and control mechanism is encapsulated dust-tight without the need for an oil bath. As a result no oil checks or oil changes are required.
- The cam track is produced from high quality globular cast iron.
- Large diameter cam track for smooth and precise roller guidance.
- The steel cam rollers are fitted with sealed bearings for a long service life.
- Equipped with diameter tine arm shafts for extra durability. A wide gap of 20 inch / 510 mm between the tine arm bearings guarantees high strength.





TOP 842 C



Christian Litzllachner, Amstetten, Austria

"Our family owned dairy farm has 98.84 acres / 40 ha of grassland plus 123.55 acres / 50 ha of arable land. In addition to our dairy cows we also breed young stock cattle. I am very impressed with the build of PÖTTINGER machinery, which is why I own several of their implements. What I really appreciate about my TOP 722 rake is its reliability. PÖTTINGER offers excellent customer care as well as a spare parts service that has worked perfectly so far."

TOP 962 C



Perfect raking



TOP 962 C

With the TOP 962 C we extend our double centre-swath rakes into the high capacity and professional sector. This new centre-swath rake is extremely manoeuvrable thanks to its steered chassis. The TOPTECH PLUS rotor delivers the best raking quality and the lowest levels of forage contamination.

Good guidance guarantees best forage quality

The MULTITAST wheel in conjunction with the jockey wheels inside the arc of the tines ensures smooth running of the rotors and suppresses oscillations. On uneven ground the MULTITAST wheel ensures the rotor tracks ground contour changes exactly. Maintaining tine distance to the ground throughout and preventing raking losses.

For all operating conditions

One single-acting connection to the tractor hydraulics is all that is required for raising the rotors.

A flow splitter is fitted as standard to ensure the rotors raise evenly. This is a particular advantage on hillsides. An individual rotor lifting system with electric preselect is available for raking track width and headlands.

Maximum uptime and durability

Our TOPTECH PLUS rotor units deliver impressive performance thanks to their large bearing spacing and dust tight encapsulation. The rotor gearbox requires no additional greasing as it runs in semi liquid grease bath. TOPTECH PLUS rotor camtracks operate without the need for an oil bath. Thus eliminating the need for oil changes or level checks.





A high level of operator convenience

Hydraulic width adjustment especially for narrow swath placement is possible without a swath curtain. The complete crop, lucerne for example is moved.

Hydraulic adjustment of the working width is a convenient solution if the swath often needs to be adapted to the width required for the following harvester. The swath width indicator helps you achieve the right width setting. A ground clearance at the headland of up to 28.98 inch / 660 mm is possible.



Compact during transport

The 14.1 ft / 4.3 m diameter rotors are equipped with 15 tine arms. Once folded vertically they are then lowered hydraulically for safe and quick transport. The operator can raise the rotors by up to 23.62 inch / 600 mm to clear an obstacle when transporting.

The transport height can be reduced to 13.12 ft / 4 m. by removing tine arms.

	Working width ft / m	Tine arms per rotor	Weight lbs / kg	Minimum power requirement
TOP 962 C	29.20 – 31.50 / 8.90 – 9.60	15 + 15	6900 / 3130	59 kW / 80 hp

Loader wagons

The number 1 worldwide

Our PÖTTINGER loader wagons are characterised by smooth operation, high productivity and versatility. Offering a comprehensive product range extending from hay loader wagons to high-capacity silage wagons. Covering all your specific farm or contracting needs.



FARO 5010 / FARO 4510 COMBILINE



BOSS JUNIOR / BOSS ALPIN / EUROBOSS loader wagons with tine conveyors

The production of quality forage also has the highest priority on small farms. The extra lightweight loader wagons with tine conveyors – the BOSS ALPIN and EUROBOSS – deliver loss-free crop take-up and high loading performance with a very low power requirement.

	Capacity cu ft / m ³	DIN volume cu ft / m ³ DIN	Chop length inch / mm	Power requirements
BOSS JUNIOR 17 T	600 / 17	406 / 11.5	4.72 / 120	15 – 44 kW / 20 – 60 hp
BOSS JUNIOR 22 T	777 / 22	503 / 14.25	4.72 / 120	15 – 44 kW / 20 – 60 hp
BOSS ALPIN 211	741 / 21	476 / 13.5	3.31 / 84	29 – 74 kW / 40 – 100 hp
BOSS ALPIN 251	883 / 25	583 / 16.15	3.31 / 84	29 – 74 kW / 40 – 100 hp
BOSS ALPIN 291	1023 / 29	660 / 18.7	3.31 / 84	29 – 74 kW / 40 – 100 hp
EUROBOSS 250 T / H	883 / 25	569 / 16.1	1.69 / 43	44 – 81 kW / 60 – 110 hp
EUROBOSS 290 T / H	1024 / 29	660 / 18.7	1.69 / 43	44 – 81 kW / 60 – 110 hp
EUROBOSS 330 T / H	1165 / 33	752 / 21.3	1.69 / 43	44 – 81 kW / 60 – 110 hp
EUROBOSS 330 D-T / D-H	1165 / 33	724 / 20.5	1.69 / 43	44 – 81 kW / 60 – 110 hp
EUROBOSS 370 T / H	1306 / 37	844 / 23.9	1.69 / 43	44 – 81 kW / 60 – 110 hp



PRIMO loader wagons with tine conveyors

The PRIMO series has been developed as a versatile, smooth running mid-range class of loader wagon with crop-conserving tine conveyors. Overlapping conveyor system with up to 8 conveyor tines and also up to 31 knives guarantees well-structured forage for your livestock.

	Capacity cu ft / m ³	DIN volume cu ft / m ³ DIN	Chop length inch / mm	Power requirements
PRIMO 351 L	1236 / 35	777 / 22	1.77 / 45	51 – 96 kW / 70 – 130 hp
PRIMO 401 L / D	1412 / 40	900/883 / 25.5 / 25	1.77 / 45	51 – 96 kW / 70 – 130 hp
PRIMO 451 L	1589 / 45	1006 / 28.5	1.77 / 45	51 – 96 kW / 70 – 130 hp
PRIMO 501 L	1765 / 50	1112 / 31.5	1.77 / 45	51 – 96 kW / 70 – 130 hp
PRIMO 701 L	2506 / 71	1377 / 39	5.31 / 135	51 – 96 kW / 70 – 130 hp
PRIMO 801 L	2824 / 80	1694 / 48	5.31 / 135	51 – 96 kW / 70 – 130 hp



FARO / FARO COMBILINE loader wagons with loading rotors

The FARO range of loader wagons with high performance rotor technology for medium sized tractors.

	Capacity ft / m ³	DIN volume cu ft / m ³ DIN	Chop length inch / mm	Power requirements
FARO 3510 L / D	1236 / 35	847/812 / 24/23	1.77 / 45	66 – 110 kW / 90 – 150 hp
FARO 4010 L / D	1412 / 40	953/918 / 27/26	1.77 / 45	66 – 110 kW / 90 – 150 hp
FARO 4510 L / D	1589 / 45	1059/1023 / 30/29	1.77 / 45	66 – 110 kW / 90 – 150 hp
FARO 5010 L / D	1765 / 50	1165/1129 / 33/32	1.77 / 45	66 – 110 kW / 90 – 150 hp
FARO 8010 L	2825 / 80	1694 / 48	5.31 / 135	66 – 110 kW / 90 – 150 hp
FARO 4010 L / D COMBILINE	1412 / 40	812/776 / 23/22	1.77 / 45 mm	66 – 110 kW / 90 – 150 hp



EUROPROFI COMBILINE loader wagons with loading rotor

Our EUROPROFI series has stood for easy operation, performance and convenience in harvesting for more than 20 years. To meet customers' specific demands, PÖTTINGER now offers the EUROPROFI 4510 L / D, 5010 L / D and 5510 L / D COMBILINE. Multipurpose, increased capacity and now featuring a 1.53 inch / 39 mm chop length capability. The new EUROPROFI COMBILINEs are ready for action.

	Capacity ft / m ³	DIN volume cu ft / m ³ DIN	Chop length inch / mm	Power requirements
EUROPROFI 4510 L / D COMBILINE	1589 / 45	918/883 / 26/25	1.53 / 39	96 – 162 kW / 130 – 220 hp
EUROPROFI 5010 L / D COMBILINE	1765 / 50	1023/988 / 29/28	1.53 / 39	96 – 162 kW / 130 – 220 hp
EUROPROFI 5510 L / D COMBILINE	1941 / 55	1129/1094 / 32/31	1.53 / 39	96 – 162 kW / 130 – 220 hp



TORRO COMBILINE multipurpose wagon with loading rotor

The high-performance TORRO loader wagon fulfils all your needs for cost effective silage harvesting. This range gives you high output and reliable performance for high capacity harvesting operations.

		Capacity cu ft / m ³	DIN volume cu ft / m ³ DIN	Chop length inch / mm	Power requirements
TORRO 5510 L/D COMBILINE	NEW	1941 / 55	953/988 / 28/27	1.34 / 34	118 – 221 kW / 160 – 300 hp
TORRO 6010 L / D COMBILINE		2118 / 60	1077/1112 / 30.5/31.5	1.34 / 34	118 – 221 kW / 160 – 300 hp
TORRO 6510 L / D COMBILINE		2295 / 65	1200/1235 / 34/35	1.34 / 34	118 – 221 kW / 160 – 300 hp



JUMBO loader wagons with loading rotor

The highest performance, strength and reliability are the trademarks of PÖTTINGER's flagship wagon – the JUMBO. In the "Battle of the Systems" our professional-class loader wagon with its enormous load capacity proved to be the most cost-effective choice for harvesting quality silage.

		Capacity cu ft / m ³	DIN volume cu ft / m ³	Chop length inch / mm	Power requirements
JUMBO 6610 L / D		2330 / 66	1377/1341 / 39/38	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 7210 L / D		2542 / 72	1501/1465 / 42.5 / 41.5	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 8010 L		2825 / 80	1642 / 46.5	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 10010 L		3531 / 100	1748 / 49.5	1.34 / 34	118 – 331 kW / 160 – 450 hp



JUMBO COMBILINE loader wagons with loading rotor

The combination loader wagon JUMBO COMBILINE offers maximum flexibility and increased machine utilisation. As a highly productive loader wagon and harvest transport wagon, the JUMBO COMBILINE provides you with a true master of all trades.

		Capacity cu ft / m ³	DIN volume cu ft / m ³	Chop length inch / mm	Power requirements
JUMBO 6610 L / D COMBILINE		2330 / 66	1338/288 / 37.9 / 36.5	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 7210 L / D COMBILINE		2542 / 72	1465/1415 / 41.5 / 40.1	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 10010 L / D COMBILINE		3530 / 100	1698/1645 / 48.1 / 46.6	1.34 / 34	118 – 331 kW / 160 – 450 hp

NEW



TORRO 6510 D COMBILINE



Mr. Sauvegrain von Sarl Edt Vantomme, Feugres, France

"We have been impressed with the chopping quality of the JUMBO loader wagon over the last 12 years. We now also have a JUMBO 7210 with AUTOCUT and a SUPER LARGE pick-up. The AUTOCUT knife sharpening system on the JUMBO has become indispensable for us! We benefit from the first class chopping quality all day and the knives last much longer too. On the JUMBO we also appreciate the improved flow of forage into the rotor as well as the hydraulic folding system on the pick-up jockey wheels."

Technology in detail



Controlled pick-up

During the development of the pick-up we focussed not only on achieving the highest possible throughput, but also on clean forage and crop and ground conservation. Farmers confirm that only a controlled pick-up system manages that.

- Tines are at a swept back angle near the ground.
- Careful crop handling thanks to optimum pick-up speed.
- Maximum conveyor effect to rotor – even in difficult harvesting conditions such as in damp and short grass.
- Less soil is picked up if the ground is touched.
- Service-friendly cam track.
- Long-life lubrication and low-maintenance tine tube bearing.
- Easily accessible – remote greasing points.
- Jockey wheel chassis available as an option.

Smooth running tine conveyors

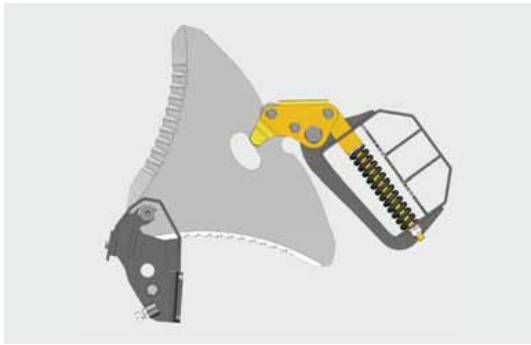
- Completely smooth running and above-average loading volume guaranteed.
- The crop is conveyed gently and is chopped consistently and precisely.
- The conveyor tines are controlled by a cam track at either end of the drive shaft.

High output rotors

- Perfect forage transfer from the pick-up and maximum capacity even with wet and short forage.
- The refined shape of the rotor tines have been tried and tested over many years.
- Scrapers with a special configuration: the scrapers are fitted and bolted individually. The optimised position in relation to the rotor tines reduces energy consumption and ensures that the crop fills up perfectly like no other system.
- The optimum gap between the knives and tines ensures smooth operation and protects the knives from foreign objects.

EASY MOVE – the original

- This unique swing-out knife bank makes changing the knives a piece of cake.
- No need to even stoop when you change or clean the knives at the side of the wagon.



POWERCUT – SHORT CUT CHOPPING SYSTEM

- New development to chopping system.
- Optional: patented reversible TWIN BLADE knives – double the service life. A consistent perfect chop is guaranteed – replacement knives on-board!
- The knife bank swings out under pressure to the side of the wagon operated conveniently from the tractor seat using the control terminal.
- Newly developed knife bank release system. Unsurpassed convenience in operation and maintenance: no tools needed to swing out the knife bank.



3-tonne low hitch drawbar **NEW**

- For your safety, the new drawbar has been subjected to rigorous testing, including 2 million changes in load at a frequency of 1.5 Hz with a test weight of 220.45 sh t / 10 tonnes.
- Speeds of up to 105 kph are possible in theory.
- An increased drawbar load, increases traction on the tractor wheels and allows a higher permissible laden weight.
- For loader wagon models: EUROPFI COMBILINE / TORRO COMBILINE, JUMBO / JUMBO COMBILINE



Automatic transport and working position

- Optional on models PRIMO to TORRO, standard on JUMBO models.
- Automatic loading and transport position for pivoting drawbar.
- Loading the transport position controlled conveniently at the press of a button.



Tyres **NEW**

- New tyre sizes available 800/45 R 26.5 and 445/45 R 19.5.
- Proven in the field, Country King and Flotation Trac 800/45 R 26.5 are now available.

LED floodlight package **NEW**

- 7 modern LED floodlights provide convenience and safety when working at night.
- Mounted at, pick-up, loading chamber, rear, knife bank.
- Available as an option on all models starting from PRIMO.



Fully automatic knife sharpening system

Savings / consistent chop length

The crop is chopped in precisely the same way again and again, and is not squashed.

15% less power needed

- Saves on diesel consumption by approx.
1.09 gal / 5 litres per hour
- Increase in output
- Even better cost-effectiveness

Net saving at 300 hours of use per year is around € 1,500

Much lower maintenance requirement

- Fully automatic sharpening of the complete set of knives in around 4 minutes per cycle
- Time spent on maintenance is reduced by about 45 minutes per day

Net saving at 300 hours of use per year is around € 1,350

Your total cost saving:

up to € 3,000 per year*

* If the silage wagon is used on average 300 hours per year

AUTOCUT for TORRO COMBILINE and JUMBO

Your advantages

The AUTOCUT knife sharpening system enables convenient knife sharpening directly on the loader wagon. Depending on the wear of the knives, simply select the number of sharpening cycles using the control terminal. This considerably reduces your maintenance requirements and at the same time guarantees long-lasting optimal chopping quality with lower fuel consumption and increased output.

- Knife sharpening system mounted directly on the silage wagon
- Fully automatic sharpening of the complete set of knives
- Sharpening cycle takes around 4 minutes
- Knives always sharp for best chopping quality
- 15% lower power requirement – reduces diesel consumption
- Significant reduction in maintenance



Machine of the
Year 2010

Forage harvesters



MEX 6



MEX – Forage harvesters

PÖTTINGER's MEX 5 and MEX 6 forage harvesters offer maximum performance for harvesting silage maize and grass. Unrivalled strength for the very toughest of conditions.

	Mounting hp / kW	Maize header ft / m	Pick-up ft / m	Knives	Weight bs / kg
Forage harvester from 130 / 96 to 220 / 162					
MEX 5	Linkage	7.21 / 2.2 row-independent	6.23 / 1.90 (optional)	10	4740 / 2150
MEX 6	Trailed	6.56 / 2.0 row-independent	6.23 / 1.90 (optional)	10	6390 / 2900
MEX 6 grass	Trailed	–	6.23 / 1.90 standard	10	5510 / 2500

Technology in detail



Proven flywheel technology

The combination of feed rollers, exact chopped length with the flywheel and corn cracker guarantees top chopping of maize as well as a crop full of nutrients.

The corn cracker can be quickly removed for grass harvesting. The flywheel system delivers enormous blowing power to propel the crop through the chute. The knives can be adjusted centrally to achieve the best chop length while a tungsten carbide coating ensures a long service life. The row-less maize header enables you to harvest independently of rows or row spacing.

Grass pick-up

The 6.23 ft / 190 cm wide MEX pick-up with five rows of tines delivers impressive performance – even at high forward speeds and in all harvest conditions. Only a clean crop can guarantee trouble-free fermentation for high quality silage.



Round baler

NEW

Our IMPRESS round balers enhance the farmer's quality of life with safe and convenient operation. Additionally livestock health benefits from the best forage quality. Regardless of whether operation. Additionally livestock health benefits from IMPRESS is a machine for all operating conditions.



Differences between the MASTER und PRO models of IMPRESS:

	MASTER	PRO
Power requirement	80 hp / 59 kW	100 hp / 74 kW
Standard control system	SELECT CONTROL	POWER CONTROL
Tractor PTO speed	540 rpm	1000 rpm
Maximum number of knives / Chop length	16 / 2.83 inch / 72 mm	32 / 1.41 inch / 36 mm
Pick-up width standard / optional	0.08 / 0.09 inch / 2,050 / 2,300 mm	0.09 inch / 2,300 mm
Standard tyres	380/55-17	500/50-17



IMPRESS MASTER

The PÖTTINGER IMPRESS MASTER models are available with a fixed or variable bale chamber. The standard pick-up width is 6.72 ft / 2.05 m.

	Bale diameter ft / m	Weight bs / kg	Lubrication	Rollers or Belts
IMPRESS 125 F MASTER	4.10 / 1.25	10472 / 4750	Central greasing point	Rollers
IMPRESS 155 V MASTER	2.62 – 5.10 / 0.8 – 1.55	10472 / 4750	Central greasing point	Endless Belts
IMPRESS 185 V MASTER	2.95 – 6,07 / 0.9 – 1.85	10692 / 4850	Central greasing point	Endless Belts



IMPRESS PRO

Our IMPRESS PRO models are available with a variable bale chamber or a fixed bale chamber. On IMPRESS PRO models the standard pick-up width is 7.54 ft / 2.30 m.

	Bale diameter ft / m	Weight bs / kg	Lubrication	Rollers or Belts
IMPRESS 125 F PRO	4.10 / 1.25	10692 / 4850	Progressive*	Rollers
IMPRESS 155 V PRO	2.62 – 5.10 / 0.8 – 1.55	10692 / 4850	Progressive*	Endless Belts
IMPRESS 185 V PRO	2.95 – 6.07 / 0.9 – 1.85	10912 / 4950	Progressive*	Endless Belts

*Automatic greasing

Your benefits



Forage quality – best forage in every situation

- Ground tracking and tidy crop take-up
- Uniform chopping quality
- Short chop length
- Bale quality (shape and density)

Versatility – suitable for all crop types

- Removal of blockages
- Flexible soft core setting
- Double the service life of knives



Convenience – makes things easier for your working day

- Safe access to chopping system
- Pull-out knife bank at working height
- Quick and easy knife changes

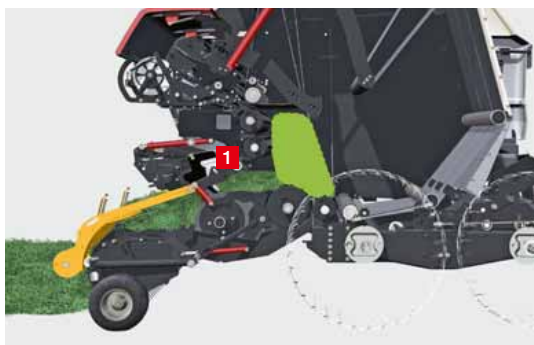
Reliability – you can rely on us

- Works every time: reliable bale start in all operating conditions
- Reduced risk of contamination





IMPRESS 155 V MASTER



THE PERFECT FLOW

Best forage quality is our objective: This is ensured thanks to improved crop flow and a short chop system, unique among round balers.

Conventional round balers feed the crop under the rotor into the bale chamber. The IMPRESS rethinks the established crop flow system. The overhead LIFTUP rotor feeds the crop tangentially at an optimised angle into the bale chamber. The perfect flow system conserves the crop with very low disintegration losses.

- Tangential crop flow into bale chamber for a perfect start to the bale.
- Two aggressive starter rollers above and below the throat.

Any material that does fall through is fed back into the flow by the cleaning rotor (1). This is a unique design that solves the problem of disintegration of material with a higher number of knives. The result is a high baling performance with very low losses.

The bale chamber is fed uniformly across the wholewidth and as a result this greatly reduces the amount of weaving needed to produce perfectly shaped bales. The bale starts turning reliably in all operating conditions regardless of whether you are operating in wet or dry conditions, straw, hay or silage. Here is one machine for all operating conditions.



EASY MOVE – pull out knife bank

The IMPRESS features a slide out chopping system with the proven EASY MOVE pull out knife bank. That is pure convenience: Maintenance performed at safe height outside the bale chamber.

We know from experience, the higher the number of knives, the greater the importance ease of maintenance becomes. Needless to say with IMPRESS maintenance is straightforward and simple. Another innovation is the use of TWINBLADE reversible knives, which provide double the service life. Now it is no longer necessary to sharpen knives during a days work.



Short chop length

The IMPRESS delivers a uniformly short chop length, which is a major advantage for silage. For example ensuring a homogenous structure that requires less intensive mixing when using a diet feeder wagon. Additionally this has a positive effect on the fermentation stability and as a result on the quality of the forage.



Operating in straw, the IMPRESS makes short chopped straw for bedding and feeding a reality. We have managed to integrate loader wagon chop quality into round balers for the first time. Short chop length not just for silage, but also for hay and straw. That makes the IMPRESS unique in the round baler market.





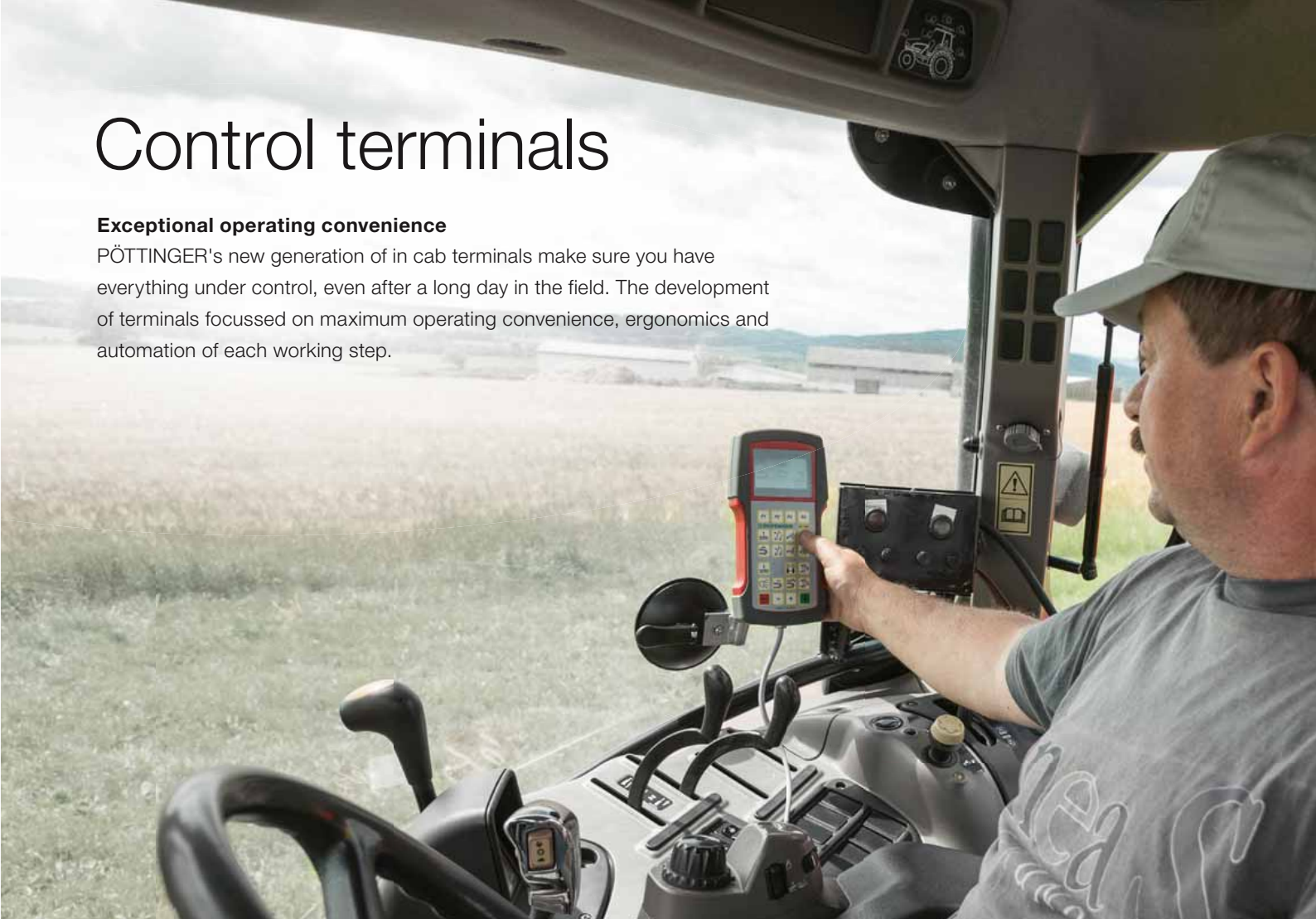
PÖTTINGER
FARO COMBILINE

FARO
4010 COMBILINE

Control terminals

Exceptional operating convenience

PÖTTINGER's new generation of in cab terminals make sure you have everything under control, even after a long day in the field. The development of terminals focussed on maximum operating convenience, ergonomics and automation of each working step.



Control terminals enhance your comfort as a tractor driver, supporting controlled and efficient operation. The new generation of terminals have been revised. The result is a wide range of control systems from electronic preselect controls through to fully integrated ISOBUS terminals.

Tough and illuminated – ready to work day and night

- Heavy-duty two-component synthetic casing with rubber edge case. All units feature illuminated graphic display
- Raised back-lit keys for optimum visibility at night

SELECT
CONTROL



SELECT CONTROL / COMPASS CONTROL

We have completely revised the SELECT CONTROL pre-select control system. This robust terminal features an illuminated display and back-lit keys, the nine function keys are therefore clearly visible in the dark. You can easily pre-select all machine functions using the SELECT CONTROL terminal. These functions are then performed by the tractor's hydraulics system. As a result no more tiresome lanyards to operate. Thanks to an intelligent operating hours counter, you can now closely monitor the time taken for each job. SELECT CONTROL supervises the status of the machine and prevents malfunctions and damage as a result.

The new on-board COMPASS CONTROL computer has been developed for VITASEM seed drills. The following functions can now be performed easily and conveniently: electronic tramline system, calibration assistant, hectare counter and speed display.

DIRECT
CONTROL



DIRECT CONTROL

The convenient electronic DIRECT CONTROL system has been developed especially for our wide range of loader wagons. All functions can be selected directly, meaning you don't need to continually swap between the loading and unloading menus.

The brightness of the graphic display and illuminated keys are adjustable.

- The loading chamber lights and external floodlights can also be controlled.
- Wagon full signal with load counter
- Scraper floor switch at tailgate (optional)
- Two-speed motor directly selectable
- Steered axle directly selectable

POWER
CONTROL



POWER CONTROL
Wireless



POWER CONTROL Wireless / POWER CONTROL

POWER CONTROL is the new standard on all ISOBUS-compatible PÖTTINGER machines. A total of 23 keys offer the highest level of convenience for operating PÖTTINGER machines. For fully flexible loader wagon operation, PÖTTINGER has extended the functions of the POWER CONTROL terminal.

POWER CONTROL Wireless enables convenient operation of the loader wagon even outside the tractor cab. Now you have even more control unloading machines with cross conveyor belts, for example. The control terminal can be worn using a belt so that you have both hands free. An extended range of up to 328.08 ft / 100 m ensures a reliable connection between the tractor, machine and control terminal.



ISOBUS Terminal CCI 100

ISOBUS is the worldwide standard for the communication between tractors and machinery, as well as the transfer of data between these mobile systems and agricultural office software. The new PÖTTINGER CCI 100 ISOBUS terminal not only offers all the functions provided by the POWER CONTROL terminal, but also enables professional operation of all ISOBUS-compatible machines from a wide range of manufacturers.

SEED COMPLETE – Precision farming

The seed rate can be adapted automatically using application maps prepared in advance on your office PC to enable site-specific drilling depending on soil conditions. To ensure traceability at a later date, the data can be archived for comparison over the long term on the office PC. The variable seed rate function is yet another way of optimising yield.

PÖTTINGER makes things easier with

	SELECT CONTROL	DIRECT CONTROL	POWER CONTROL	POWER CONTROL Wireless	ISOBUS CCI 100
NOVACAT X8	<input type="checkbox"/>	–	<input type="checkbox"/>	–	<input type="checkbox"/>
NOVACAT X8 COLLECTOR	–	–	■	–	<input type="checkbox"/>
NOVACAT V10	–	–	■	–	<input type="checkbox"/>
TOP 1252 C S-LINE	–	–	<input type="checkbox"/>	–	<input type="checkbox"/>
BOSS ALPIN / EUROBOSS	<input type="checkbox"/> / ■	<input type="checkbox"/>	<input type="checkbox"/>	–	–
PRIMO L / FARO L / EUROPROM L	–	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EUROBOSS D / PRIMO D / FARO D / EUROPROM D	–	–	■	<input type="checkbox"/>	<input type="checkbox"/>
TORRO / JUMBO / JUMBO COMBILINE	–	–	■	<input type="checkbox"/>	<input type="checkbox"/>
	COMPASS	ARTIS ARTIS PLUS	POWER CONTROL	ISOBUS CCI 100	SEED COMPLETE
VITASEM, AEROSEM	<input type="checkbox"/>	–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> with ISOBUS
TERRASEM	–	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> with ISOBUS

PÖTTINGER original spare parts

At PÖTTINGER we manufacture parts from only the highest quality materials. We ideally match each individual spare part and wear part to your machinery's overall system, as different soil and operating conditions often need to be taken into consideration. That is why we offer our customers three different lines:

- CLASSIC – the classic line of spare and wear parts by PÖTTINGER
- DURASTAR – for demanding operating situations
- DURASTAR PLUS – for extreme operating conditions and the highest wear resistance

CLASSIC

DURASTAR

DURASTAR PLUS



Johann Pfaffeneder, Amstetten, Austria

"I operate a SYNKRO 3030 stubble cultivator with knife ring roller on my 148.46 acres / 60-hectare arable farm. The DURASTAR points and wings on my SYNKRO offer impressive soil penetration and an extended service life. The working quality is excellent, even in dry years and my very heavy soils. That is why I only use original PÖTTINGER spare parts for my SYNKRO 3030. PÖTTINGER spare parts are always available and are the perfect fit for my SYNKRO 3030. Thanks to the much longer service life of the DURASTAR points and wings, I don't have to interrupt my work as often to change the my work as often. That's the way I like to work."



Cultivation

CLASSIC wear parts

Optimisation of the service life compared to previous generations of points and wings. The specially designed points offer higher volumes of material in the area subject to most wear.

- CLASSIC points and wings



DURASTAR wear parts

Our DURASTAR wear parts ensure the highest strength and consistent working quality and are characterised by their high wear resistance.

- DURASTAR plough mouldboards
- DURASTAR cultivator points
- DURASTAR cultivator wings – ready for serious action
- DURASTAR power harrow tines - coated and proven in the field
- DURASTAR roller scrapers - tough and proven in the field



DURASTAR PLUS wear parts

High quality and high strength using a tungsten carbide coating to increase the service life. As a result, you benefit from a considerable saving in time and costs.

- DURASTAR PLUS points and wings



Grassland

DURASTAR wear parts

Our DURASTAR spare parts for grassland farming guarantee the best forage quality simultaneously offering a long service life in challenging harvesting conditions.

- DURASTAR pick-up tines
- DURASTAR knives for JUMBO / TORRO loader wagons





Your machine goes online.

All the information on your machine
easily - anytime – anywhere

Simply scan the QR code on the **data plate** with your smartphone or tablet or enter your machine number at www.poettinger.at/poetpro. You will immediately receive all the information on your machine.

- Instruction manual
- Optional equipment information
- Brochures
- Photos and videos



PÖTTINGER Spare parts service

- Worldwide network of sales and service partners.
- Decades of spare and wear parts availability.
- PÖTTINGER original spare parts can be ordered at any time online.

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