

Trailed mulch seed drills
TERRASEM

 **PÖTTINGER**

For perfect emergence



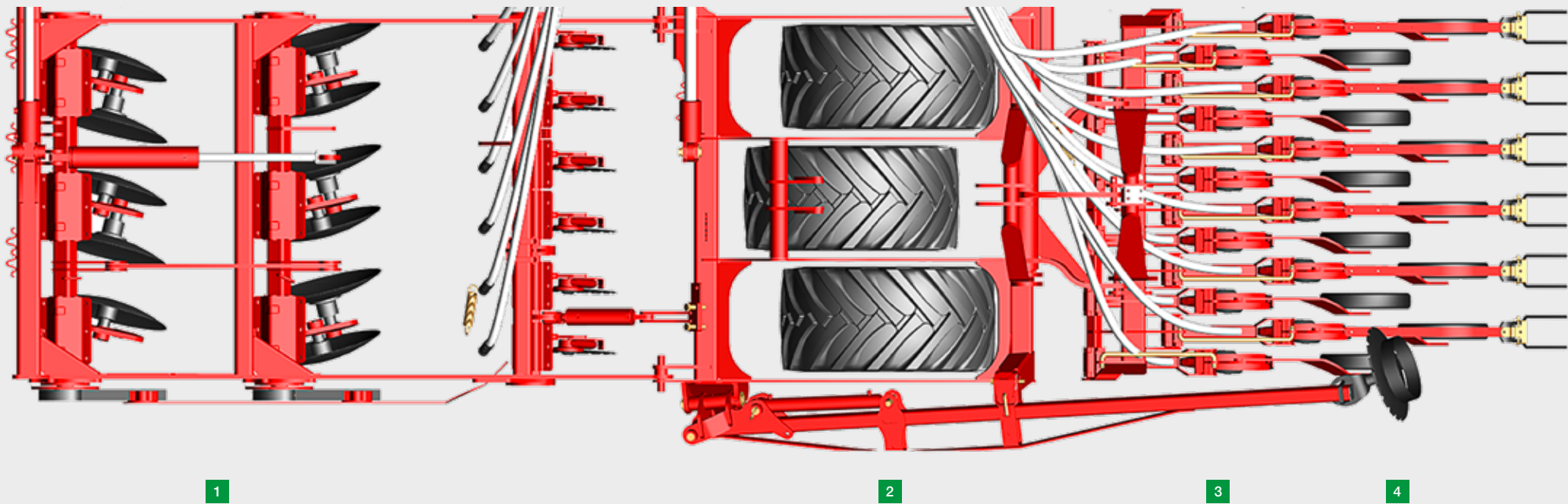


The choice of machine is essential for a crop that emerges perfectly. The PÖTTINGER TERRASEM mulch drilling concept ideally combines tillage, consolidation and drilling in a single machine, so it is an efficient solution to meet your requirements.

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



- 1 Seedbed preparation
- 2 Consolidation
- 3 Sowing
- 4 Depth control and closing

Success guaranteed with TERRASEM

The PÖTTINGER TERRASEM mulch drill concept has been engineered in detail from the drawbar to the rear harrow tines. A top quality compact disc harrow, an effective tyre packer chassis and optimised coulter rail, PÖTTINGER perfectly integrate seedbed preparation, consolidation and drilling across working widths of 3 to 9 metres.

Versatile applications

The TERRASEM universal seed drill can be economically incorporated into any operating sequence, regardless of whether it is deployed for mulch drilling, mulch direct drilling or conventional drilling.

These machines deliver precision seed placement thanks to their parallel-guided DUAL DISC coulters with rear depth control press wheels. This configuration ensures unique ground tracking capability and uniform seed placement depth.

Seedbed preparation is the cornerstone

Optimum seedbed preparation is fundamental for maximum yield at harvest. What is needed is a uniform level finish with the best mixing performance.

A PÖTTINGER two-row, low draft disc harrow ensures the best crumbling effect and mixing of the soil.

Optimum consolidation

On TERRASEM mulch seed drills, a combined tyre packer and chassis unit delivers optimum consolidation.

Manoeuvrability at headlands and during transport is improved thanks to its perfectly tuned mounting geometry and compact design.

Precision drilling

The maintenance-free double-disc coulters are mounted in an offset configuration on separate parallelograms to ensure the seed is placed at precisely the set depth.

All coulters are guided by individual press wheels to ensure uniform seed placement depth.



Universal settings for perfect crop emergence

What farmers want: Effectively prepared soil surface with fine tilth at seed slot level for uniform growth. The seedbed should be as level and crumbly as possible in order to ensure minimum crop losses.

Our solution: You can integrate PÖTTINGER TERRASEM machines into any seedbed preparation concept - unique ground tracking and uniform depth placement are always guaranteed. Combined with a two-row, low-draft disc harrow, the best tilth and mixing of the soil is ensured.

Impressive tyre packer

The combined packer and wheel unit is positioned between the disc harrow and the seed coulters. Even pressure distribution across the entire working width is achieved thanks to the set pressure on the seed coulters as the rear roller follows the contours of the terrain.

The packer follows the contours of the ground to ensure precise ground tracking in any position - in the direction of travel and across the working width.

- The chassis with its wide 17" tyres consolidates the soil ahead of the drilling coulters - 4 rows at a time with a row spacing of 12.5 cm, or 3 rows with a spacing of 16.7 cm.
- The flexing characteristics of the tyres promote self-cleaning and improve the fine structure of the tilth.
- The machine is supported by all wheels at headlands when raised out of work. The chassis frame always remains in the same position; only the disc harrow and coulters are lifted.

Conserves soil at headlands

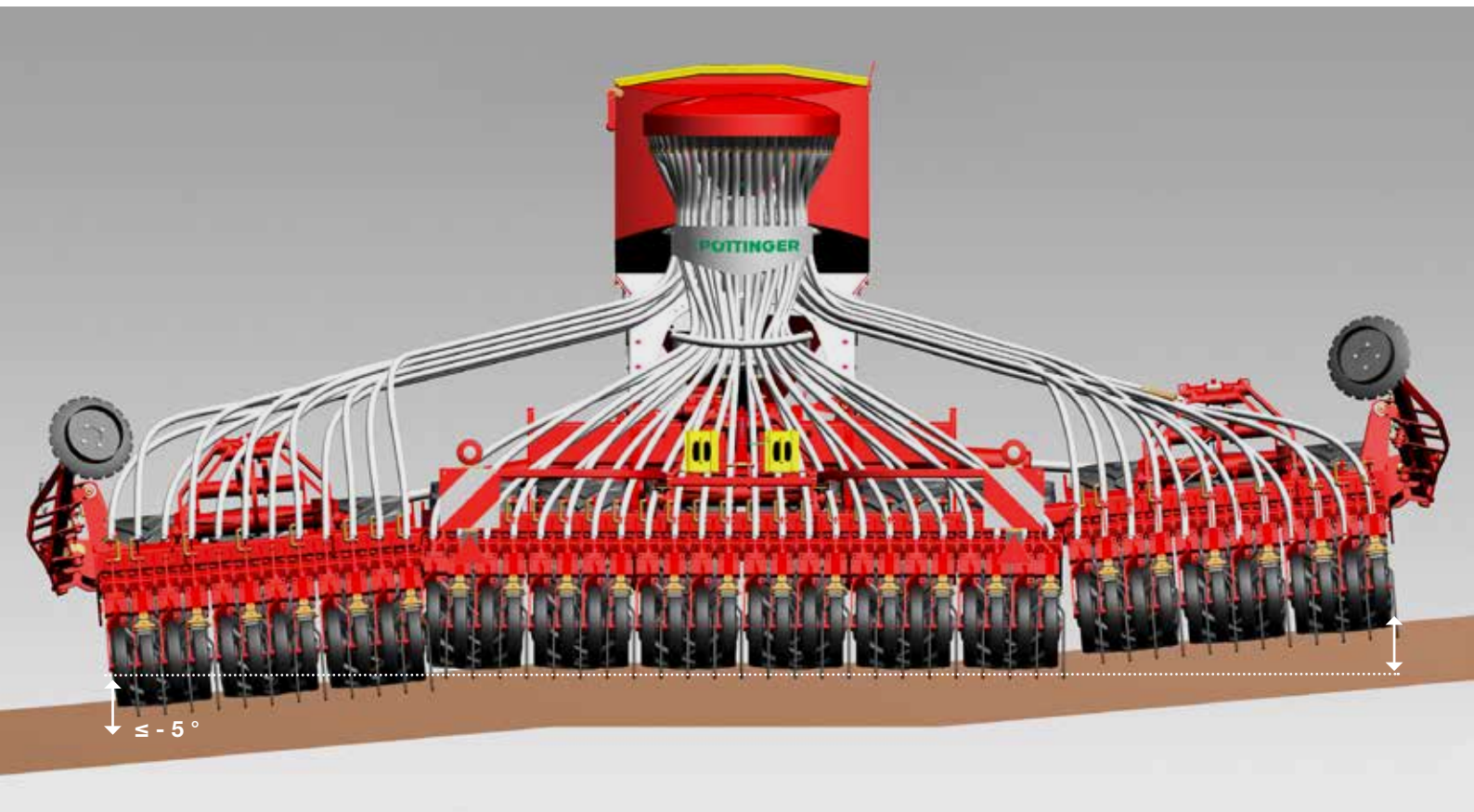
Thanks to their versatility and excellent manoeuvrability, TERRASEM mulch seed drills enjoy an enthusiastic following.

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

Exact seed placement

Even in difficult conditions and at high speeds, the interplay between the double-disc coulters and the coulters pressure results in exact seed placement.

- With the coulters offset at 320 mm and a row spacing of 12.5 cm, an optimum plant distribution density is ensured even in difficult conditions.



Ultimate ground tracking

Our PÖTTINGER mulch seed drills impress first and foremost with their perfect ground tracking. With their intelligent drilling technology, they follow every undulation in the ground perfectly.
The result: The best ground tracking over the whole working width.

Three-part design

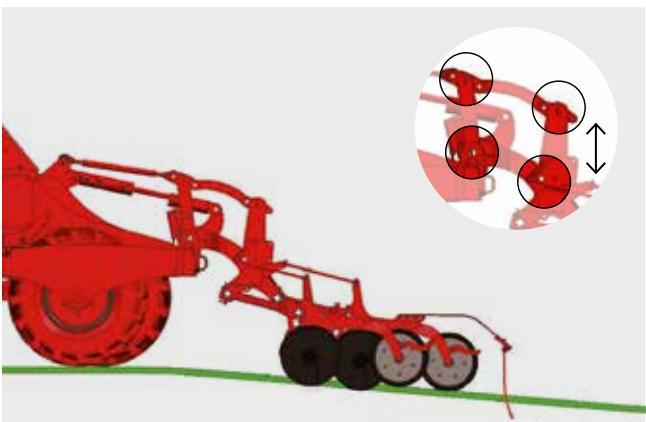
The three-section design of the TERRASEM C models ensures uniform tillage across the whole working width. Middle section - right folding frame section - left folding frame section.

Precise contour guidance

The folding disc harrow frames, packer and coulter rails allow a freedom of movement of up to 5 degrees up and down to perfectly adapt to ground contours transverse to the direction of travel.

These folding sections are hydraulically preloaded using accumulators to provide equal pressure distribution in any working position over the whole working width.

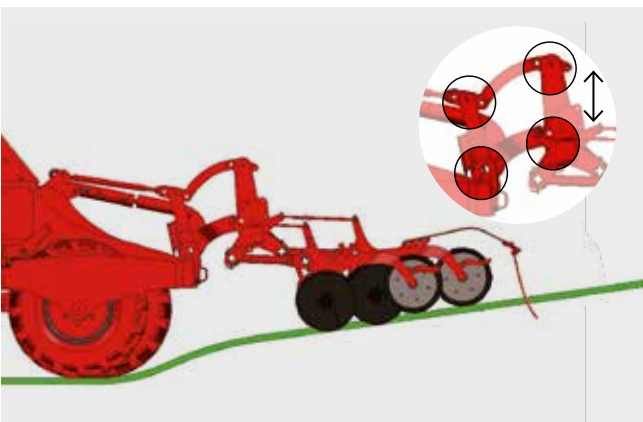
- This guarantees thorough tillage over the whole working width.
- The placement depth can be adjusted using the three-point mounting of the coulter rail.



Contour adaptation perfected

By attaching each section via a 3-point linkage on to the packer frame, each coulter section is free to follow the ground contours.

- The coulter sections can adapt to uneven ground in the direction of travel.
- When driving over a bump, the coulter rail is not lifted but remains at the same seed placement depth.
- The coulter pressure also remains unchanged.



Four-joint mounting ensures independence

The four-joint 3-point design connects the coulter rail with the packer frame and allows the coulter rail to adjust automatically to the ground contours.

When driving through a dip, the coulter rail is adjusted upwards.

- Optimum germination conditions.
- Uniform coulter pressure and seed placement over the entire field
- Homogeneous distribution in the field and cost effective yield values



Optimum seedbed

You can integrate PÖTTINGER TERRASEM machines into any seedbed preparation concept - unique ground tracking and uniform depth placement are always guaranteed.

Tillage tools: Everything you need, and more

As the leading tillage tools, there is available with a fully-fledged compact disc harrow available for effective mixing and crumbling.

- For water-saving loosening of the soil in strips, you can also choose the WAVE DISC.

Intensive and precise tillage

Low draft for cost effective power savings: the well-prepared seedbed reduces the working intensity of the disc harrow.

- A uniform working depth is a prerequisite for optimum germination of the seed.
- The disc harrow can also be used in heavy soils and large quantities of harvest residues. The focus here is on incorporation and crumbling.

Exact ground tracking lengthwise and crosswise

Optimum ground tracking is an essential part of soil cultivation. The set pressure on the side frame sections as the rear roller follows the contours of the terrain ensures exact ground tracking in every position across the whole working width.

- Precise ground tracking with a consistent coulter pressure is achieved thanks to the parallel coulter linkage
- The leading tools are guided with precision by the packer chassis.



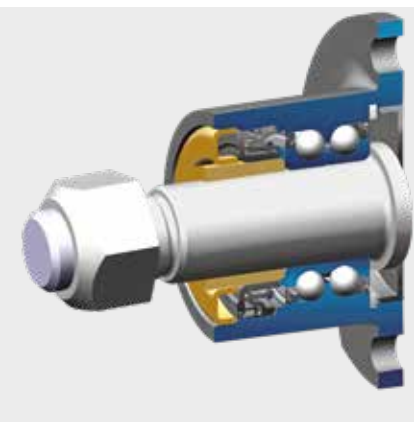
Fully fledged disc harrow for precision tillage

On our TERRASEM mulch seed drills, soil preparation is taken care of by a two-row disc harrow with plain or scalloped discs.

The maintenance-free, rubber-mounted 510 mm diameter discs loosen the soil on the surface across the entire working width. At seed level they leave behind an ideally structured layer of tilth. The disc harrow delivers perfect results even on heavy soil and in large quantities of harvest residues.

Further advantages:

- Infinitely-variable hydraulic depth adjustment – the first row of discs can be adjusted independently of the second.
- Spring-mounted edging boards are fitted as standard on both sides for a uniform surface finish.



Maintenance-free disc bearings

The special twin-race taper bearings have been adopted from the construction machinery industry. Ruggedness and reliability are guaranteed as a result and shock loads are absorbed effortlessly.

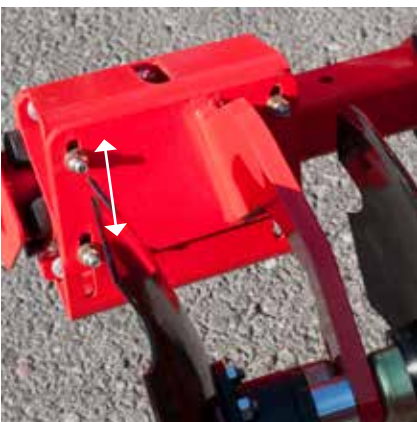
- The sealed, twin-race taper bearings are maintenance-free.
- A labyrinth seal provides the best protection for the bearing.
- A metal cover encapsulates the labyrinth seal for additional protection.



NONSTOP stone protection for reliability and durability.

Proven over many years in the field and maintenance-free.

- 40 mm-thick rubber mounting elements
- The clamping brackets are mounted on a thick-walled box section frame
- Four rubber elements provide the discs with high penetration power.



Track eradicator discs

Two pairs of discs behind the tractor wheels are available with independent depth adjustment.

- Even heavily compacted wheel marks can be removed to create a uniformly level surface
- It's easy to set the working depth
- Protected against overloading
- The working depth is easily adjusted.
- Lifted simultaneously with the disc harrow at the headland. It's easy to set the working depth.



Additional tools for perfect levelling

Track eradicators are used to break up compacted tractor wheel marks.

To level the surface of the soil, the disc harrow can also be specified with the optional front mounted levelling board in addition to the levelling board installed just ahead of the packer wheels.

Spring loaded track eradicators for better working results

In ideal feature for loosening and breaking up hard and compacted tractor marks.

- The reversible point is coated with hardened metal in the wear zone.
- Each individual track eradicator is protected against overloading by a spring.
- The working depth of the eradicator tine is easily adjusted.
- Raised at the same time as the disc harrow at the headland.
- On areas with a well-prepared seedbed the intensity of the disc harrow can be reduced, which in turn reduces the power requirement.
- Long service life thanks to hardened steel.
- 3 versions are available: Choose between 1, 2 or 3 tines per track.



The front board

- The front board ensures perfect levelling when used in ploughed fields.
- Good flow even with large quantities of harvest residues
- Hydraulically infinitely adjustable at a maximum working depth of 40 mm



The levelling board

- The levelling board in front of the tyre packer also promotes a fine tilth structure.
- As the flow of soil behind the disc harrow is slowed down, it is directed downwards in front of the packer.



Levelling paddles on coulter rail

- Levels ridges between the tyres on light, sandy soil
- The angle and height of the tines can be adjusted individually
- Adjusted without the need for tools
- Resistant to stones and harvest residues - each tine on its own spring
- Is raised at the headland and for road transport

WAVE DISC – for minimum tillage
Low disturbance

TERRASEM



Extreme versatility

Cost-effective, extremely versatile and convenient – this is the PÖTTINGER WAVE DISC cultivation system for seedbed preparation.

In dry regions or in wet areas – all the WAVE DISC system's advantages come into play to make it the perfect example for reduced soil cultivation while increasing yield. Completely in-line with low disturbance, smart soil cultivation.

WAVE DISC – for minimum tillage

The WAVE DISC cultivates the soil in water-saving strips: only the region either side of the seed slot approx. 45 mm wide is worked. The rest of the surface remains untouched.

- The residual moisture in the strips in between helps the seed to germinate.

Handles even the most difficult conditions

The PÖTTINGER WAVE DISC system is ideal for difficult soil conditions that require reduced tillage.

- The key to correct seed placement is the correct working depth.

Makes your work easier

The track eradicator discs behind the tractor wheels can be set precisely to the seed depth and the depth of the tractor wheel marks.

- Hole matrix with 5 positions
- Adjusted without the need for tools
- Disc mounting easy to handle during adjustment.
- Four discs per track

WAVE DISC – for minimum tillage

Low disturbance

TERRASEM



Working cost-effectively

- Low draft thanks to reduced tillage intensity
- Less traction required - less soil moved
- Reduction in erosion - conserves soil structure
- Earlier sowing time in spring
- Water saving system

Suppresses erosion

Low disturbance tillage leaves behind a lower proportion of loosened soil and a smaller cultivated area.

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

Works in any conditions

The maintenance-free WAVE DISCs have a diameter of 510 mm and are available with row spacings of 12.5 cm or 16.7 cm. A row spacing of 16.7 cm is recommended for regions with extremely heavy, wet and sticky soil conditions. The working depth is infinitely-variable controlled by a hydraulic system like on the WAVE DISC system.



Versatile applications with low disturbance

The PÖTTINGER WAVE DISC system is ideal for difficult soil conditions that require reduced tillage.

Dry region:

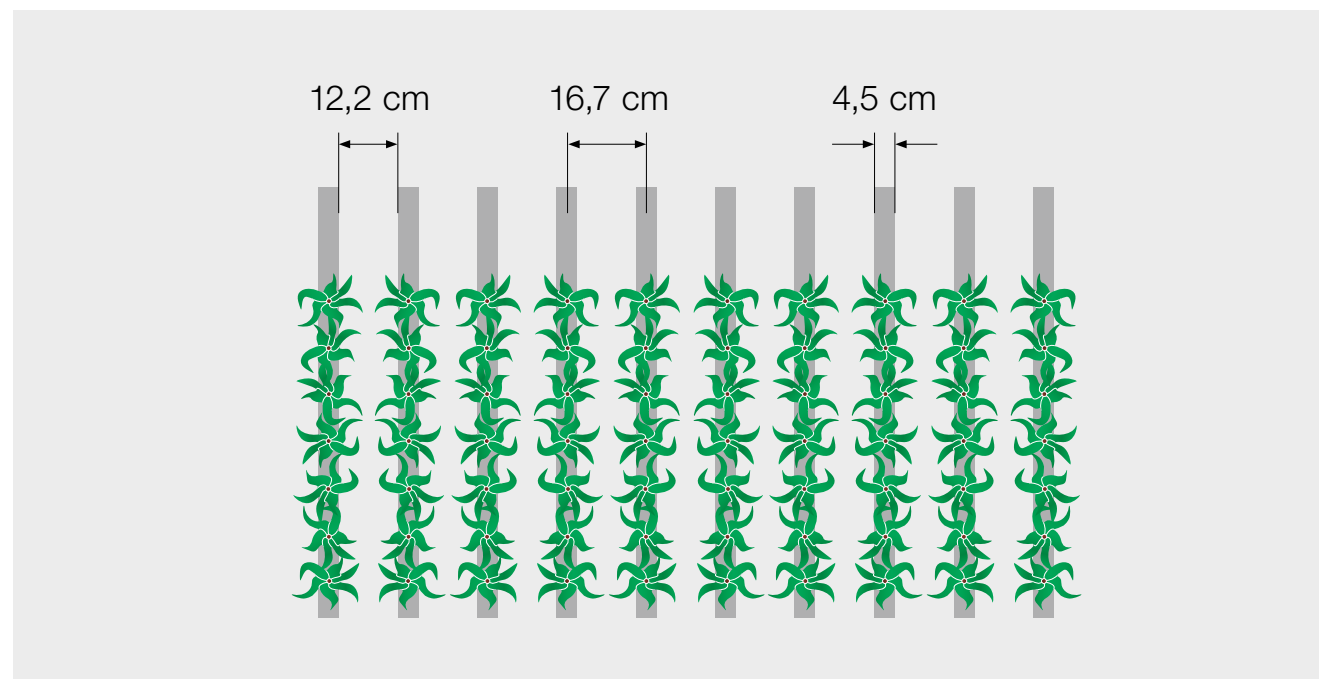
- Water saving strips, only the region either side of the seed slot is moved.
- Retards evaporation because none of the remaining surface is moved.

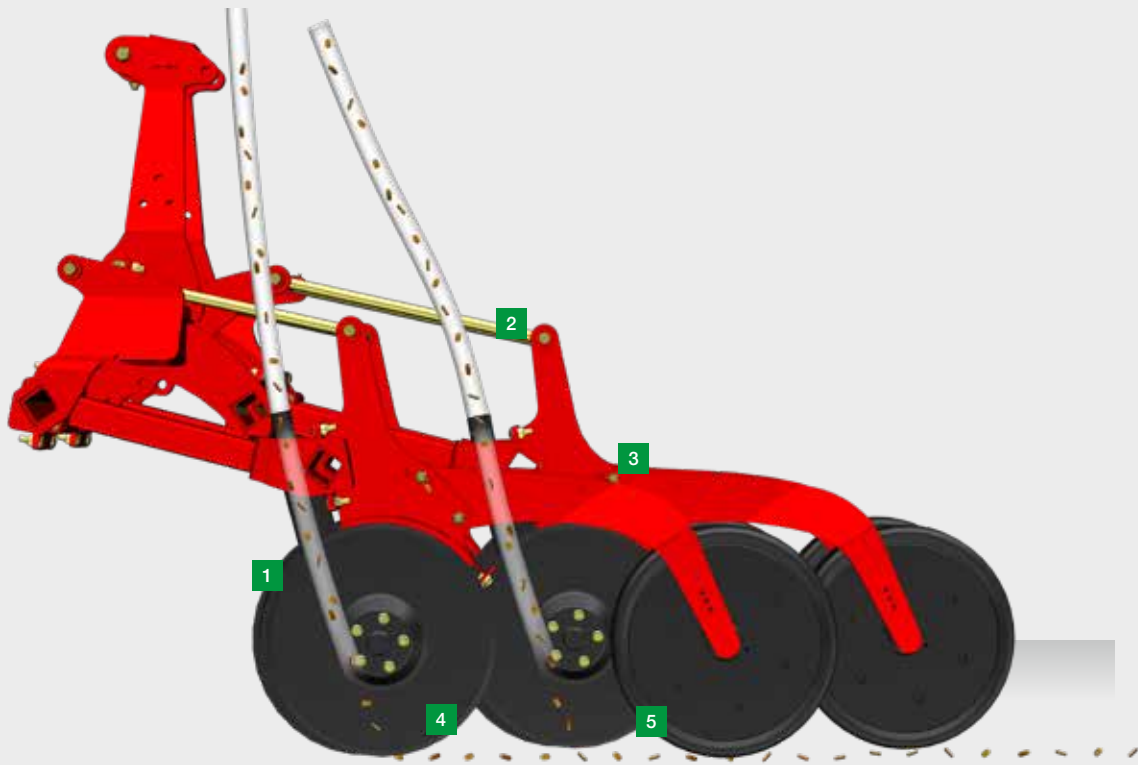
Damp areas:

- Reduced soil movement and less movement of moist soil.
- No deep tools at seed slot level so no smearing

Arable hygiene – the new challenge

- The minimised soil movement creates poor germination conditions, especially for light-dependent germinating weeds such as black grass and brome grass.
- The WAVE DISC low disturbance effect is particularly effective in minimising germination of weed seeds.





- 1 Max. 120 kg pressure on all coulters
- 2 Parallel linkage for exact placement depth
- 3 Consistent coulter pressure thanks to same-length coulter arms
- 4 Coulters offset by 320 mm for blockage-free operation
- 5 Exact depth control and consolidation



Coulter expertise for the perfect seed slot

Successful sowing is dependent on closely-matched coulters for opening the seed slot, placing the seed and covering the seed again. A well-formed seed slot is essential for successful drilling.

The guarantee for optimum placement and uniform germination - PÖTTINGER delivers exactly the right coulters for your needs.

Seed material
DUAL DISC coulters

The large diameter DUAL DISC coulters cut right through surface trash to form a uniform, tidy seed slot. Harvest residues are not pressed into the ground with this system. At higher travelling speeds, the inside drilling elements ensure uniform placement.

- Dynamic grain placement in a clean seed slot
- The inter coulter rail spacing of 320 mm provides a large clearance and smooth material flow even with large amounts of organic matter
- Staggered arrangement; for close row spacing (offset) of the coulter discs
- Infinitely variable adjustment of the coulter pressure between 40 and 120 kg
- Row spacing from 12.5 cm for the best plant distribution density (optional 16.7 cm)
- Both the front and rear coulter arms are the same length. They are mounted on staggered coulter rails to ensure the same pressure on each coulter.
- The central depth adjustment is set simply by adjusting the coulter rails using an integrated ratchet.

Press wheels for uniform placement depth

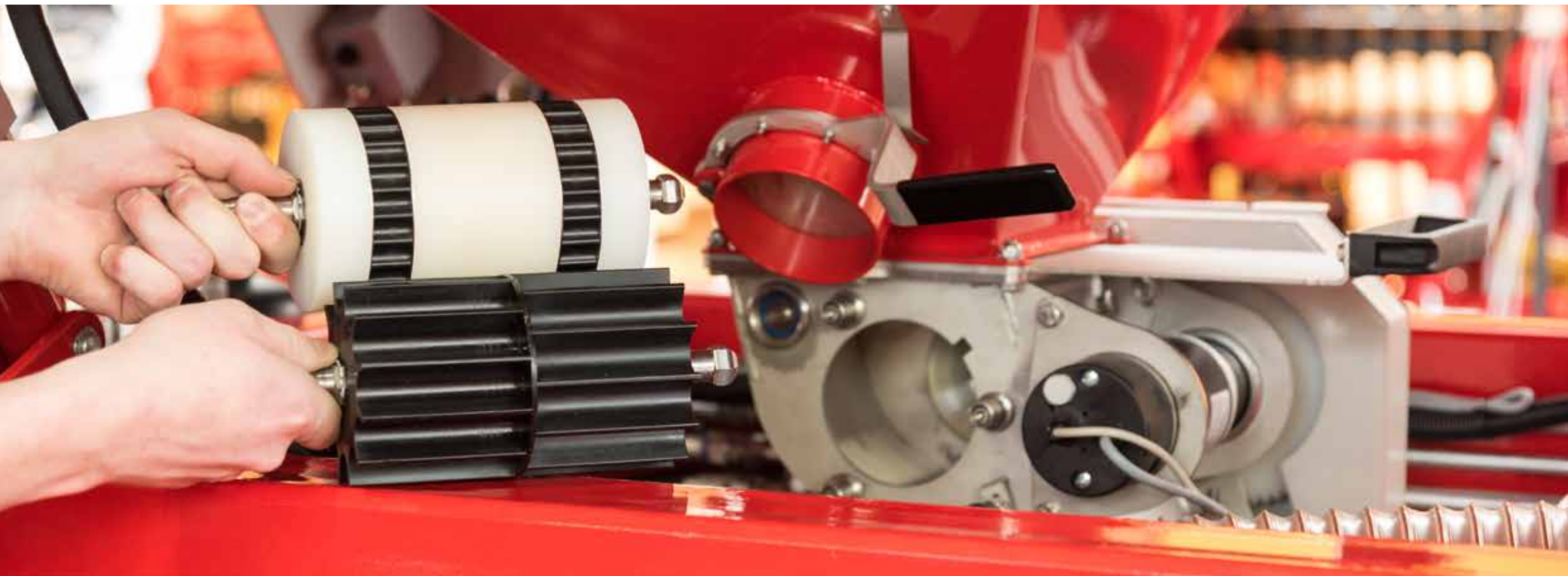
Each disc coulter is mounted on an independent parallelogram to ensure excellent ground tracking - even at high travelling speeds.

- Each of the disc coulters is guided by a press wheel to ensure a precise and uniform seed placement depth.
- In addition to depth control, the press wheels also ensure controlled consolidation of the soil and pressure on the seed.

Fertiliser
FERTILIZER PRO fertiliser coulter

Fertiliser is applied on the TERRASEM FERTILIZER models using the PRO single-disc fertiliser coulter. Behind the disc harrow, fertiliser is applied via these coulters and positioned between two seed rows (mid-row banding).

- The PRO single-disc fertiliser coulter deposits fertiliser between the rows of seed at the same level as the plant root - wide rubber brackets on the box section frame prevent sideways movement to ensure precise row spacing.
- Precision placement saves fertiliser, minimises unproductive losses and promotes faster development of the root mass for optimum yield.
- The placement depth of fertiliser and seed can be set independently of each other.



Metering with the highest precision

The TERRASEM metering system is designed for the highest possible precision and ensures that exactly the right amount of any given seed type is used, even in the most difficult operating conditions.

- The TERRASEM R3 to C6 have one metering system, while the C8 and C9 have two.
- Metering wheels can be changed quickly and easily, dependent upon seed rate and type.
- The metering unit is electrically driven, controlled via a radar sensor or ISOBUS signal from the tractor.
- Seed output can be set conveniently and easily directly from the cab between 0.6 kg and 350 kg/ha.
- Automatic metering wheel control with pre-metering provided as standard ensures continuous drilling and avoids unsown areas.

Smooth distribution

A high volume of air and low air velocity protect the seed and any dressing against damage. Together with the precision metering system and large distributor heads, this system delivers uniform seed grain placement.

- Maximum effectiveness of seed and dressing is ensured
- Special distributor inserts can be used to alter the row spacing.
- On the TERRASEM C8 / C9 both distributors are automatically lowered hydraulically during the folding process.

Precise and uniform due to lateral distribution

The seed is fed uniformly to the distributor in an air stream that passes up the riser tube. The large diameter of the distributor guarantees precise lateral distribution of the seed into each of the coulter pipes.

It has never been so easy

PÖTTINGER attaches great importance to user-friendliness. As a result, calibration is easy.

- Practical catchment bag
- The calibration flap is monitored by a sensor.
- Simple and fast emptying of any remaining seed in the hopper is facilitated through the hopper emptying shutter.
- Automatic seed flow reduction when tramlines are enabled
- Calibration at the press of a button
- Infinitely adjustable seed flowrate adjustment
- Interchangeable metering wheels with quick lock for all types of seed
- Tank level measurement
- Fan and metering shaft monitoring.
- Pre-metering for immediate start at headlands.
- Seed library

Seed flow sensors for convenience and reliability

The sensor sensitivity can be adjusted in three stages depending on the seed material.

Constant and reliable feedback on seed flow is provided at the terminal.

The status of each coulter pipe is indicated by an LED directly on the sensor:

- GREEN: Sensor active and row OK
- RED flashing: Row blocked
- The coulter pipe number is indicated on the control terminal

Wide range of applications



IDS – Flexibility that pays dividends

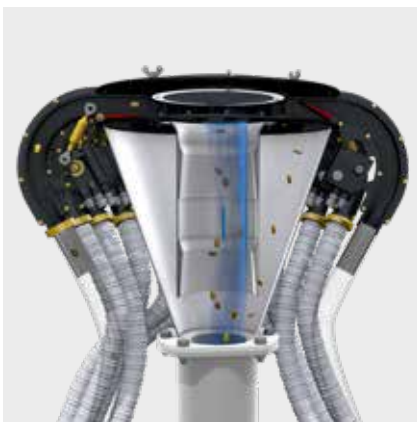
The unique IDS system (Intelligent Distribution System) controls all outlets via the bus system. This opens up completely new capabilities in seed row and tramline switching. Perfect for contract work and machinery rings.

It is easy to set the tramlines at the terminal - no need to change the hoses.

Choose any of the following:

- Tramline widths
- Track widths
- Special tramline switching
- Dual tramline systems
- Half width switching left and right
- Tramline rhythm can be selected independently of the seed drill width

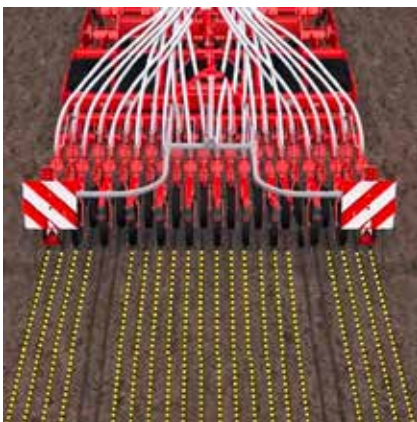
IDS – INTELLIGENT DISTRIBUTION SYSTEM



The intelligent heart of the system

The IDS distributor head ensures uniform crop growth by maintaining a completely consistent seed count in all coulter pipes.

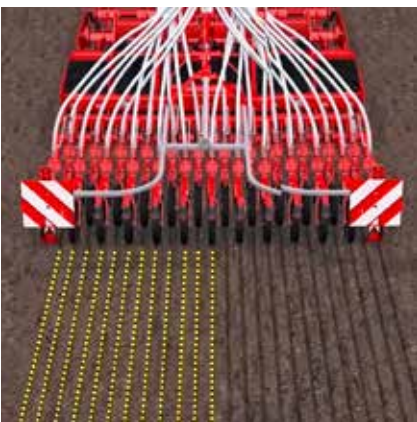
- Riser tube with funnel-shaped outside conveys the seed material.
- The patented funnel system feeds the seed back into the air stream.
- Controlled outlets for tramlining for 2 to 6 rows per track, or fully equipped distributor head with controlled outlets on all coulter pipes.



Reliable & convenient: Tramline switching

Tramline switching is performed electronically using actuator motors. Straightforward setting and monitoring functions using the terminal.

- Flaps on the distributor return the seed to the riser tube so that overall seed output is reduced, saving up to 6 % of seed material.
- Exact and even distribution across the whole width, even when tramlining.



Half width switching

For maximum flexibility there are two options:

- Half width switching to the left or right (with full IDS equipment)
- Half width switching right only. On this system half the distributor head is equipped with controlled outlets.
- Easily engaged at the push of a button.
- Saves seed by reducing metering rate.

Symmetrical tramlines:

- R4/C4 at 24 m
- C6 at 24 m and 36 m





Universal applications

The TERRASEM universal seed drill can be economically incorporated into any operating sequence, regardless of whether it is deployed for mulch drilling or conventional drilling. These machines deliver precision seed placement thanks to their parallel-guided DUAL DISC coulters with rear depth control press wheels. This configuration ensures unique ground tracking capability and uniform seed placement depth.

Central coulters pressure adjustment between 40 and 120 kg per coulter, high-capacity seed hoppers and intelligent control systems also contribute to the success of the drilling process.

TERRASEM	Working width	Seed hopper volume	Volume with hopper extension	Drill coulters
R3	3.00 m	3000 l	3950 l	24
R4	4.00 m	3000 l	3950 l	32
C4	4.00 m	3000 l	3950 l	32
C6	6.00 m	3000 l	3950 l	48
C8	8.00 m	4000 l	5100 l	64
C9	9.00 m	4000 l	5100 l	72

Standard TERRASEM models

Rigid models
TERRASEM R3 / R4
Folding models
TERRASEM C4 / C6 / C8 / C9

Seed hopper volume

3,000 litres TERRASEM R3 / R4 / C4 / C6
4,000 litres TERRASEM C8 / C9

Seed hopper volume with optional hopper extension
3,950 litres TERRASEM R3 / R4 / C4 / C6
5,100 litres TERRASEM C8 / C9

Row spacing	Pressure per coulter	Power requirement kW	Power requirement hp	Weight
125 mm / 167 mm	40 – 120 kg	81-125 kW	110-170 hp	4,550 kg
125 mm / 167 mm	40 – 120 kg	103-147 kW	140-200 hp	5,950 kg
125 mm / 167 mm	40 – 120 kg	103-147 kW	140-200 hp	6,430 kg
125 mm / 167 mm	40 – 120 kg	140-220 kW	190-300 hp	8,780 kg
125 mm / 167 mm	40 – 120 kg	221-294 kW	300-400 hp	10,950 kg
125 mm / 167 mm	40 – 120 kg	221-294 kW	300-400 hp	12,280 kg

Standard mulch seed drills



Ingenious concept for every situation

The rigid mulch seed drills made by PÖTTINGER have a double row disc harrow or WAVE DISC for soil preparation. The transport width is the same as the working width (3.0 m or 4.0 m).

On folding mulch seed drills made by PÖTTINGER, the three-part configuration ensures perfect ground tracking. The outer elements have plenty of freedom of movement. To achieve a road transport width of 3.0 m, the wing sections of the TERRASEM C models are folded up.

TERRASEM R3 / R4 / C4 / C6 / C8 / C9



Central depth adjustment for the correct working depth

- Infinitely-variable hydraulic depth adjustment of the leading harrow – the first row of discs can be adjusted independently of the second
- A scale shows the driver the set working depth of the disc harrow.
- A memory function ensures the same working depth when driving back along the next pass.
- Spring-mounted edging boards are fitted as standard on both sides for a uniform surface finish.



Reliable operation thanks to NONSTOP stone protection

- Reliability and durability during operation are ensured by the maintenance-free NONSTOP stone protection system. This system is mounted on rubber elements over 40 mm thick and has been proven over many years in the field.
- The clamping brackets are mounted on a thick-walled box section frame.
 - Specially-designed rubber elements between each wide clamping bracket and the box section provide the discs with high penetration power and prevent them from deviating to the side.

Standard mulch seed drills



Putting transport safety first

Not only do TERRASEM machines perform well at work, they are also safe and easy to transport.

On the road the machine is transported on four wheels, the two centre wheels are raised automatically to improve stability, even on bumpy tracks. High driving speeds on the road are also possible.

- Air brakes or hydraulic brakes are available as an option for the weight-bearing pairs of road wheels.

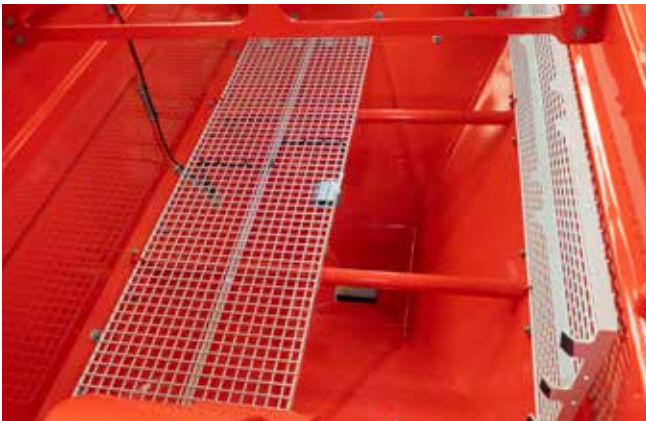


Manoeuvrability at the headland.

The purpose-specific mounting enables a tight turning circle at the headland and during transport. The telescopic drawbar is also available with a ring hitch or hammerstrap coupling. These machines can therefore be fitted to any tractor.

- Thanks to their telescopic travel of +500 mm, you can run the tractor with twin wheels or wide tyres.
- With the individual packer wheels offset at 15 cm, the seed drill passes over the field like a trailer with a tandem axle.

TERRASEM R3 / R4 / C4 / C6 / C8 / C9



Generous seed hopper for high output

The hopper can easily be filled using a loader, big-bags or an optional hydraulic seed hopper auger. A roll over tarpaulin serves as a dust-proof and rainproof cover. This is rolled up out of harms way to save space.

- The standard loading platform makes it easy to open the hopper cover to check filling progress.
- The mesh inside the seed hopper protects the metering system from foreign objects.
- The hopper level monitoring system is installed as standard equipment.
- The roll over tarpaulin is open, rolled up small and does not interfere with the filling process.

A seed hopper extension is available as an option.

Seed hopper volume

3,000 litres TERRASEM R3 / R4 / C4 / C6
4,000 litres TERRASEM C8 / C9

Seed hopper volume with optional hopper extension
3,950 litres TERRASEM R3 / R4 / C4 / C6
5,100 litres TERRASEM C8 / C9



Seed hopper auger for easy filling

Hydraulically driven universal filling auger for seed and fertiliser.

- Convenient filling procedure with auger tube mounted in gimbals for easy handling
- Seed hopper volume can be utilised completely because auger outlet pivots over whole seed hopper area.
- The auger is folded upwards and locked securely in place above the seed hopper during transport,
- High throughput capacity of up to 470 litres per minute.
- Made from cost effective, corrosion resistant stainless steel.



FERTILIZER with direct fertilisation



High output with working widths between 3 m and 9 m

Using direct fertilisation allows you to apply fertiliser at the same time as drilling the seed. This enables you to achieve optimum growth conditions during the early phase of seed growth and increase the generative performance of the seed. With the TERRASEM FERTILIZER models from PÖTTINGER, the placement depth of fertiliser and seed can be set individually.

TERRASEM FERTILIZER	Working width	Seed hopper volume	Volume with hopper extension	Coulters / fertiliser applicators
R3 F	3.00 m	4,000 l	5,100 l	24 / 12
R4 F	4.00 m	4,000 l	5,100 l	32 / 16
C4 F	4.00 m	4,000 l	5,100 l	32 / 16
C6 F	6.00 m	4,000 l	5,100 l	48 / 24
C8 F	8.00 m	4,000 l	5,100 l	64 / 32
C9 F	9.00 m	4,000 l	5,100 l	72 / 36

TERRASEM R3 F / R4 F / C4 F / C6 F / C8 F / C9 F



TERRASEM FERTILIZER with direct fertilisation

- Rigid models
TERRASEM R3 F / R4 F
- Folding models
TERRASEM C4 F / C6 F / C8 F / C9 F

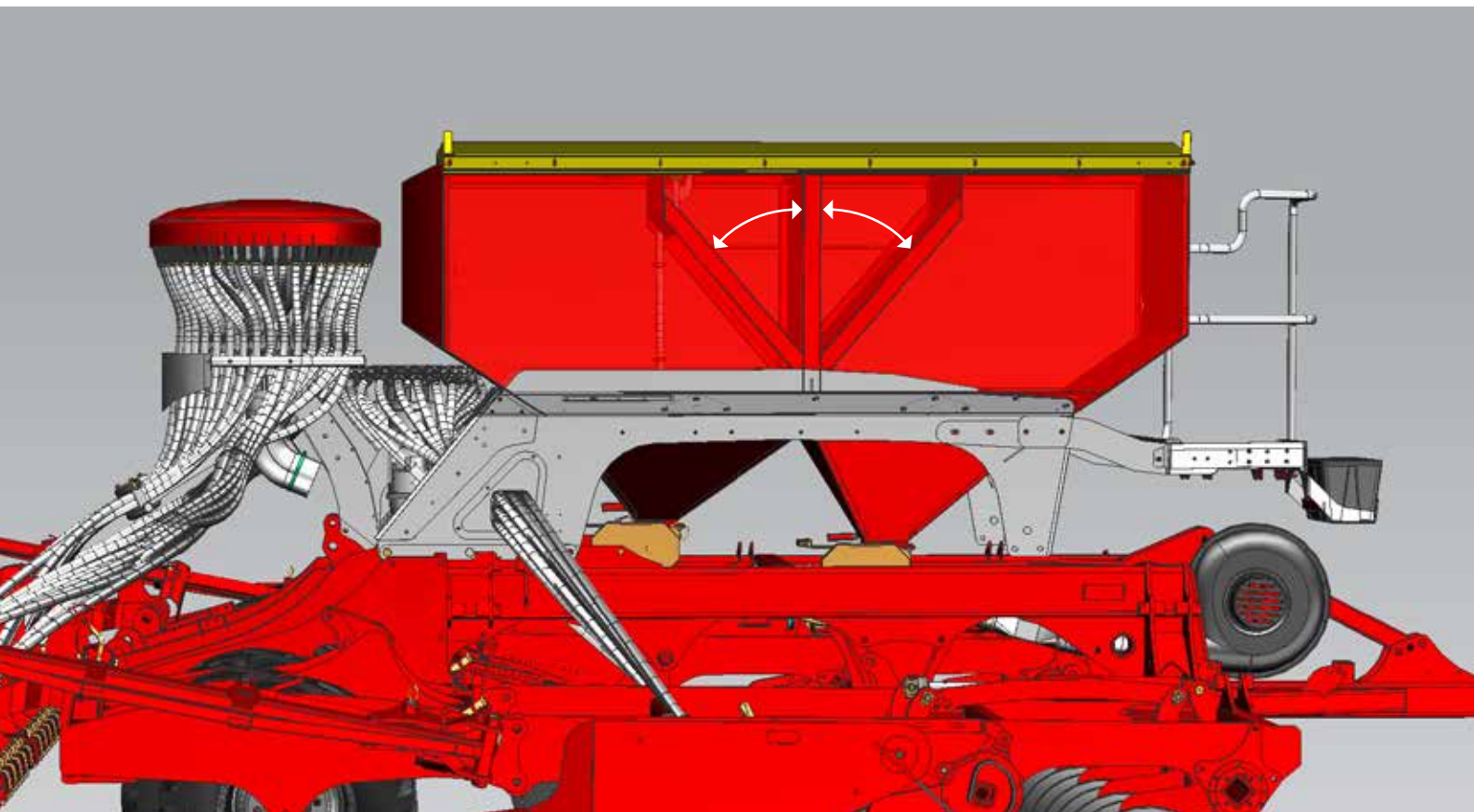
Seed hopper volume

The standard volume of all TERRASEM FERTILIZER models is 4,000 litres.

As an option, a hopper extension can be used to increase the volume to 5,100 litres.

Row spacing	Pressure per coulter	Power requirement kW	Power requirement hp	Weight
125 mm / 167 mm	40 – 120 kg	99-132 kW	135-180 hp	5,725 kg
125 mm / 167 mm	40 – 120 kg	103-147 kW	140-200 hp	6,150 kg
125 mm / 167 mm	40 – 120 kg	118-220 kW	160-300 hp	7,750 kg
125 mm / 167 mm	40 – 120 kg	169-243 kW	230-330 hp	12,284 kg
125 mm / 167 mm	40 – 120 kg	213-368 kW	290-500 hp	13,850 kg
125 mm / 167 mm	40 – 120 kg	243-368 kW	330-500 hp	14,816 kg

FERTILIZER with direct fertilisation



For successful drilling

With the TERRASEM FERTILIZER, PÖTTINGER supports the growing trend towards direct fertilisation: In the face of increasing fertiliser prices, new types of fertiliser, new fertiliser regulations and environmental legislation, it pays to employ precision fertiliser management in future.

Rapid changeover with divided seed hopper

On TERRASEM FERTILIZER machines, the seed hopper is divided into two parts. There is a folding partition for seed and fertiliser. The partition can quickly be repositioned from 40:60 to 50:50 or 60:40.

Seed hopper volume

The standard volume of all TERRASEM FERTILIZER models is 4,000 litres.

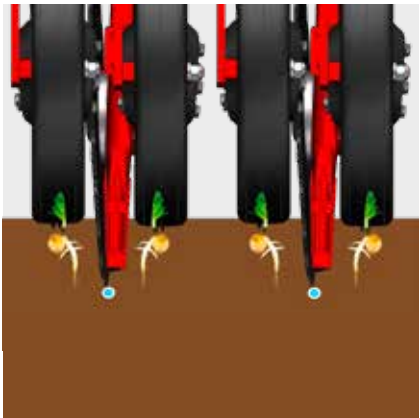
As an option, a hopper extension can be used to increase the volume to 5,100 litres.

TERRASEM R3 F / R4 F / C4 F / C6 F / C8 F / C9 F



Convenient to use

The side platform automatically folds into the transport position when the wing sections of the drill are folded upwards. On FERTILIZER seed drills, the side access platform is standard.

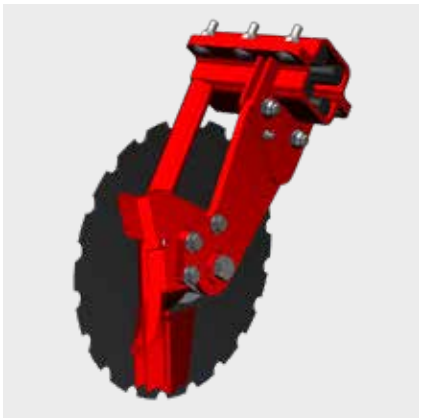


Simultaneous precision output

Separate metering units and distributors for fertiliser and seed. Simultaneous precision application of fertiliser and seed in a single pass. The fertiliser metering system can also be used for another seed material such as a companion crop, for example.

The entire operation and monitoring of both systems is integrated into one terminal-

- Fertiliser is placed in rows between each second row of seed. Variable placement depth down to 10 cm.
- High coulter pressure and reliable penetration of the single-disc coulter.



FERTILIZER PRO fertiliser coulter for successful drilling

Flat Suffolk coulter point guarantees less soil movement to the side so that deeper penetration of the coulter is possible in hard and dry conditions.

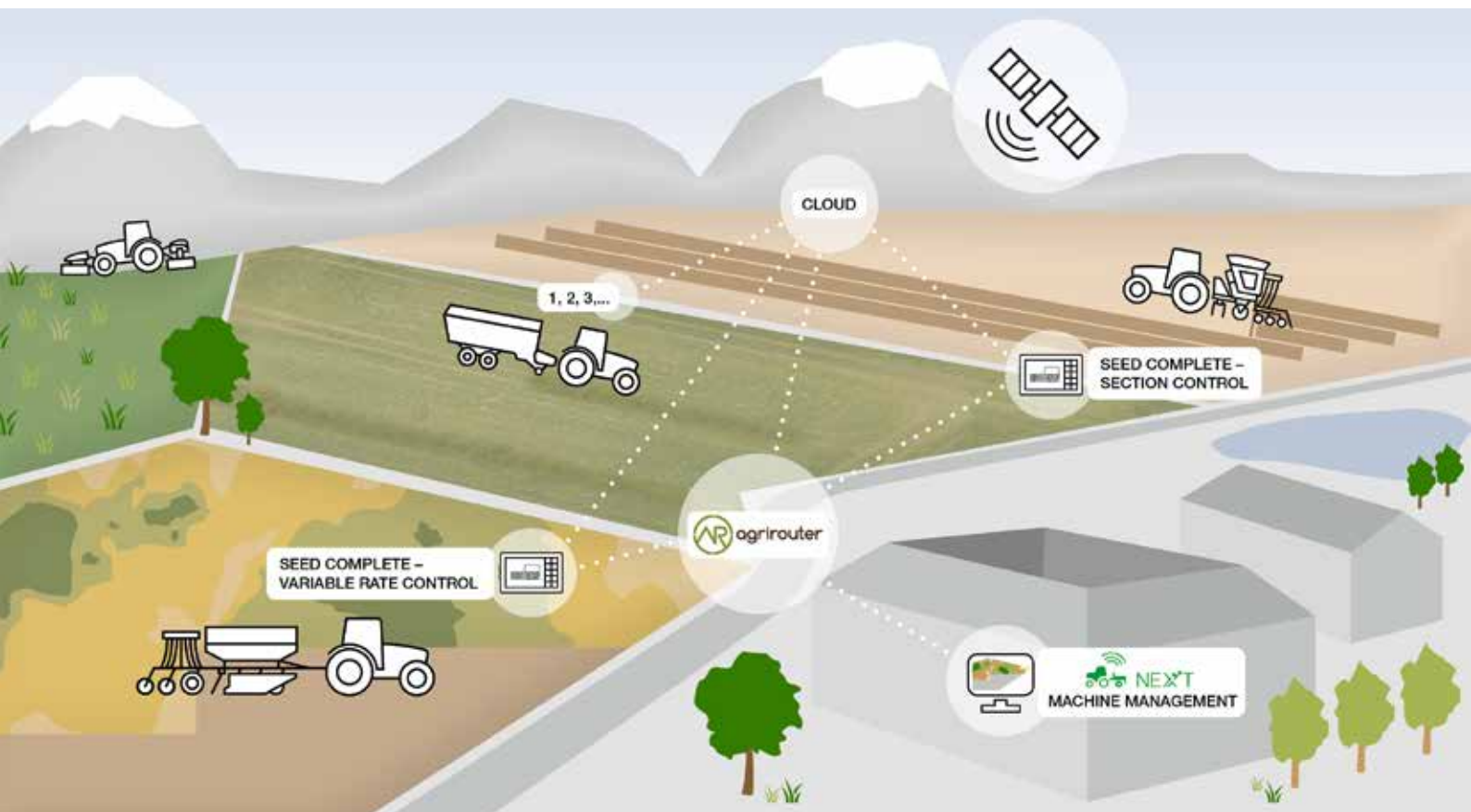
Additional shear bolt protection avoids damage in the event of extreme stress.



Further advantages with the FERTILIZER PRO fertiliser coulter

- Flat discs with sealed bearings
- 420 mm diameter
- 25 cm or 33 cm row spacing
- Coulter pressure up to 180 kg
- Hydraulic adjustment of fertiliser placement depth
- Plenty of clearance to the side
- Unrestricted soil flow

Our input - your output



Competence in the digital field - makes your daily work easier

At PÖTTINGER, we offer you numerous possibilities in the field of digital agricultural technology that make your everyday work easier so that you can operate more efficiently and conveniently.

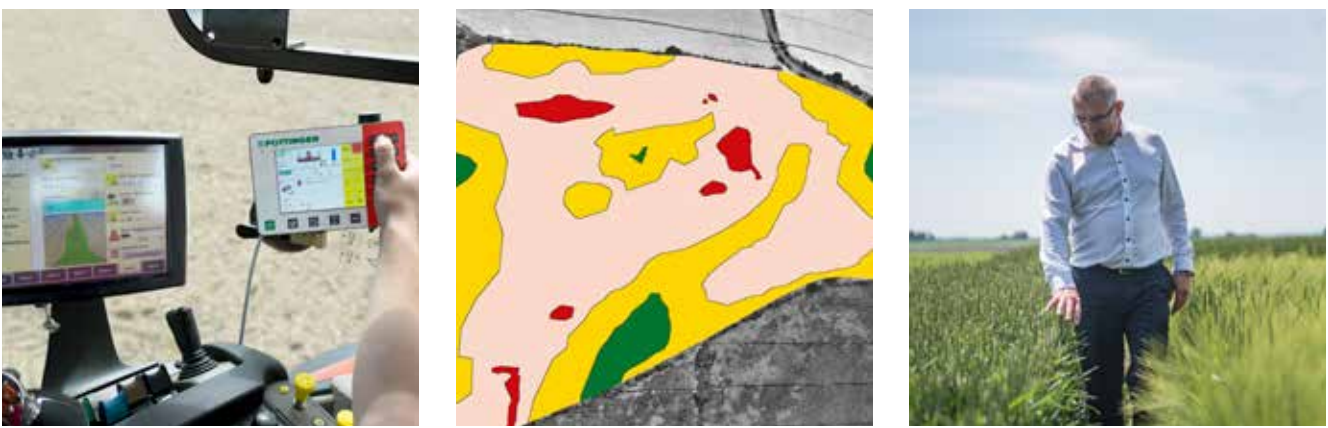
For years, our customers have benefited from intelligent control terminals and precision farming solutions for soil and seed, grassland and harvesting technology. Together with PÖTTINGER, being a modern, networked company becomes reality.

Ultimately, it's all about making your job easier and enjoying economic benefits through the use of intelligent technologies. This means more convenience, time and profit.

TERRASEM - electric metering and control functions

- Pre-metering
- Electrical calibration sequence
- Infinitely adjustable seed flowrate adjustment
- Hopper level measurement
- Fan and metering shaft monitoring
- Seed library
- Seed flow sensors (optional)

Digital agricultural technology



Control system and hydraulic functions

An electrical preselect system at the control terminal enables operation of the hydraulic functions.

Straightforward preselect system.

- All hydraulic functions performed by one double-acting remote.
- Fewer spool valves required on the tractor.
- A single-acting connection with return or load sensing for driving the fan.

SEED COMPLETE - Precision farming

With SEED COMPLETE, PÖTTINGER offers a tool for your success by optimising the management of your farming operations.

Here, the seed rate can be automatically adapted to match the soil conditions in each field using application maps that you can prepare on the office PC before heading out. 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 is yet another way of optimising yield.

The actual quantities and areas processed in the field can be transmitted back to the PC in your office at any time.

Getting the most out of your yield potential

- GPS controlled stop/start at headlands
- Differences in the soil and yield potential within a field can be taken into account during drilling.
- Site-specific seed rates optimise the results
- Precision application of seed, fertiliser and spray utilising technology leads to savings of up to 5% on variable costs or up to € 50 / ha.



POWER CONTROL –
electronic control system

With the POWER CONTROL terminal you can operate all ISOBUS-compatible PÖTTINGER machines. The functions are performed directly at the push of a button without pre-selection or an additional control unit.

- The most important keys are labelled directly with the machine-specific functions - which helps drivers regardless of whether they have used the machine before or not.
- The function keys F1 to F4 can be used to operate additional equipment on your machine.
- The colour display provides at-a-glance information on functions and the operating status of the machine.

TERRASEM seed drills are available with ARTIS or ARTIS PLUS for controlling the hydraulics.

- ARTIS: direct control of three different hydraulic functions - in addition to the fan drive system, three double-acting spool valves are required
- ARTIS PLUS: features hydraulic preselect functions - in addition to the fan drive system, one double-acting spool valve is required



EXPERT 75
ISOBUS terminal

The PÖTTINGER EXPERT 75 ISOBUS terminal offers high flexibility and enables professional operation of all ISOBUS-compatible machines, regardless of brand.

The newly designed terminal has been expanded upwards in terms of ergonomics and intuitiveness and offers a multitude of advantages.

- High quality 5.6" TFT colour touchscreen
- Rugged, stylish synthetic casing
- Convenient single-hand operation, grip bar for secure hold.
- Double-row arrangement of command keys on the right
- Straightforward and intuitive user interface
- Edit using keys and touch-screen
- Scroll wheel with confirmation function for direct input and adjustment of set points
- Compact size - does not obstruct field of vision
- Ambient light sensor and back-lit function keys



CCI 1200
ISOBUS terminal

In addition to the features offered by the POWER CONTROL terminal, this system also enables the control of all ISOBUS machines in your fleet, regardless of manufacturer.

- High quality 12" TFT colour touchscreen.
- Straightforward and intuitive user interface
- Horizontal or vertical mounting possible
- Large display for best possible monitoring of machine functions.
- Individual layout
- Function pre-select
- Seed library
- Monitor the whole machine
- The basis for SEED COMPLETE

Simultaneous display of multiple applications

- Camera image and machine functions at a glance
- Simultaneous operation of several ISOBUS machines possible



SEED COMPLETE

- CCI 1200 ISOBUS terminal in combination with the TC-GEO app (site-specific drilling) and the TC-SC app (section control) is the foundation for modern, data-driven drilling.
- SEED COMPLETE is available with or without an antenna package.

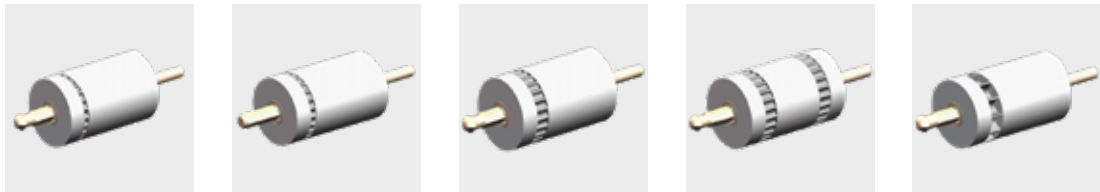
More advantages of SEED COMPLETE

- Increase in yield and cost effectiveness - site-specific seed quantity / m² optimum yield for that particular location
- Take into account the differences in soil quality and yield potential within a field during sowing.
- Convenience - takes stress off the driver because seed drill switches on and off automatically
- Increases efficiency and improves the cost effectiveness of the farm; saves resources
- Avoids overlaps and bare areas when sowing and fertilising.
- An agrirouter connection is included

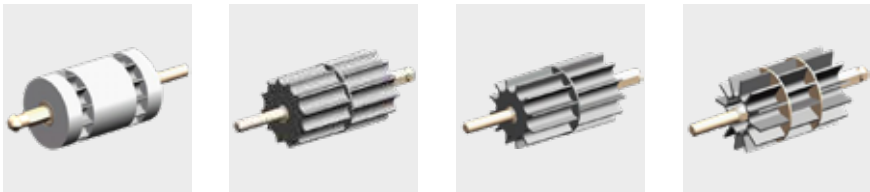


Choose metering wheel using PÖTSEM

To help you find the perfect metering wheel for your seed drill, we have developed an online tool: PÖTSEM. You can use this app to find the best metering wheel in just a few clicks.



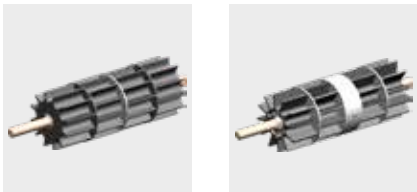
TERRASEM model	Metering wheel 5 Poppy seed, oil seed rape	Metering wheel 7 Oil seed rape	Metering wheel 14 Oil seed rape, phacelia	Metering wheel 28 Phacelia, mustard	Metering wheel 68 maize, sunflower
R3 / R3 F	□ / □	□ / □	□ / □	□ / □	□ / □
R4 / R4 F	□ / □	□ / □	□ / □	□ / □	□ / □
C4 / C4 F	□ / □	□ / □	□ / □	□ / □	□ / □
C6 / C6 F	□ / □	□ / □	□ / □	□ / □	□ / □
C8 / C8 F	□ / -	□ / -	□ / -	□ / -	□ / -
C9 / C9 F	□ / -	□ / -	□ / -	□ / -	□ / -



Metering wheel 135 maize, sunflower	Metering wheel 285 hybrid cereals	Metering wheel 550 Cereals	Metering wheel 762 beans, peas spelt
□ / □	□ / □	□ / □	□ / □
□ / □	□ / □	□ / □	□ / □
□ / □	□ / □	□ / □	□ / □
□ / □	□ / □	□ / □	□ / □
□ / -	□ / -	□ / -	□ / -
□ / -	□ / -	□ / -	□ / -



TERRASEM model	Dual metering wheel 28 Poppy seed, oil seed rape	Dual metering wheel 56 Phacelia, mustard	Dual metering wheel 136 Maize, sunflower	Dual metering wheel 272 Maize, sunflower	Dual metering wheel 430 Hybrid cereals, fertiliser
R3 / R3 F	- / -	- / -	- / -	- / -	- / -
R4 / R4 F	- / -	- / -	- / -	- / -	- / -
C4 / C4 F	- / -	- / -	- / -	- / -	- / -
C6 / C6 F	- / -	- / -	- / -	- / -	- / -
C8 / C8 F	- / □	- / □	- / □	- / □	- / □
C9 / C9 F	- / □	- / □	- / □	- / □	- / □



Dual metering wheel 830 Cereals, fertiliser	Dual metering wheel 1020 Beans, peas, fertiliser
- / -	- / -
- / -	- / -
- / -	- / -
- / -	- / -
- / □	- / □
- / □	- / □

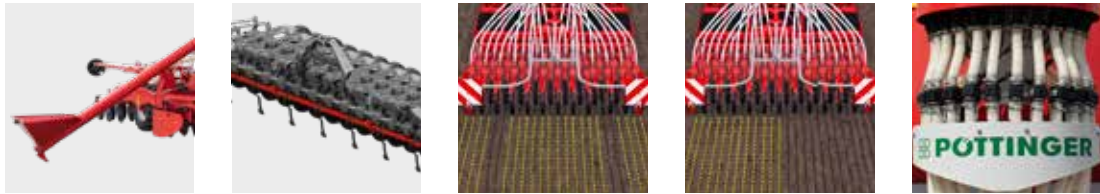
■ = Standard, □ = Optional

Accessories

Often ordered together



	Radar sensor for metering system	Telescopic drawbar	Load sensing fan drive system	Fan dust protection	Seed hopper extension
R3 / R3 F	□/□	□/□	□/□	□/□	□/□
R4 / R4 F	□/□	□/□	□/□	□/□	□/□
C4 / C4 F	□/□	□/□	□/□	□/□	□/□
C6 / C6 F	□/□	□/□	□/□	□/□	□/□
C8 / C8 F	□/□	□/□	□/-	□/□	□/□
C9 / C9 F	□/□	□/□	□/-	□/□	□/□



	Hydraulic auger for filling seed hopper	Levelling paddles on coulter rail	Symmetrical – asymmetrical tramline switching	Half width switching	Seed flow monitoring
R3 / R3 F	□ / -	□/□	□/□	□/□	□/□
R4 / R4 F	□ / -	□/□	□/□	□/□	□/□
C4 / C4 F	□ / -	□/□	□/□	□/□	□/□
C6 / C6 F	□ / -	□/□	□/□	□/□	□/□
C8 / C8 F	□ / -	□/□	□/□	□/-	□/□
C9 / C9 F	□ / -	□/□	□/□	□/-	□/□



LED floodlighting package	Tractor track eradicator discs	Spring loaded tractor track eradicators	Levelling board in front of disc harrow	Levelling board in front of tyre packer	Bout markers
□/□	□/□	□/□	□/□	□/-	□/□
□/□	□/□	□/□	□/□	□/-	□/□
□/□	□/□	□/□	□/□	□/-	□/□
□/□	□/□	□/□	□/□	□/-	□/□
□/□	□/□	□/□	□/□	□/-	□/□



Tramline bout marker	Distributor insert for row spacing 25 / 37.5 / 50 / 75 cm	Press wheels with metal rims	Jockey wheels	Scrapers for packer wheels	Braking system air brakes / hydraulic brakes
□/□	□ □ □ □	□/□	- / -	□/□	□/□
□/□	□ - □ -	□/□	- / -	□/□	□/□
□/□	□ - □ -	□/□	- / -	□/□	□/□
□/□	□ □ □ □	□/□	□/□	□/□	□/□
□/□	□ - □ -	□/□	□/□	□/□	□/□
□/□	□ □ □ □	□/□	□/□	□/□	□/□

More equipment options

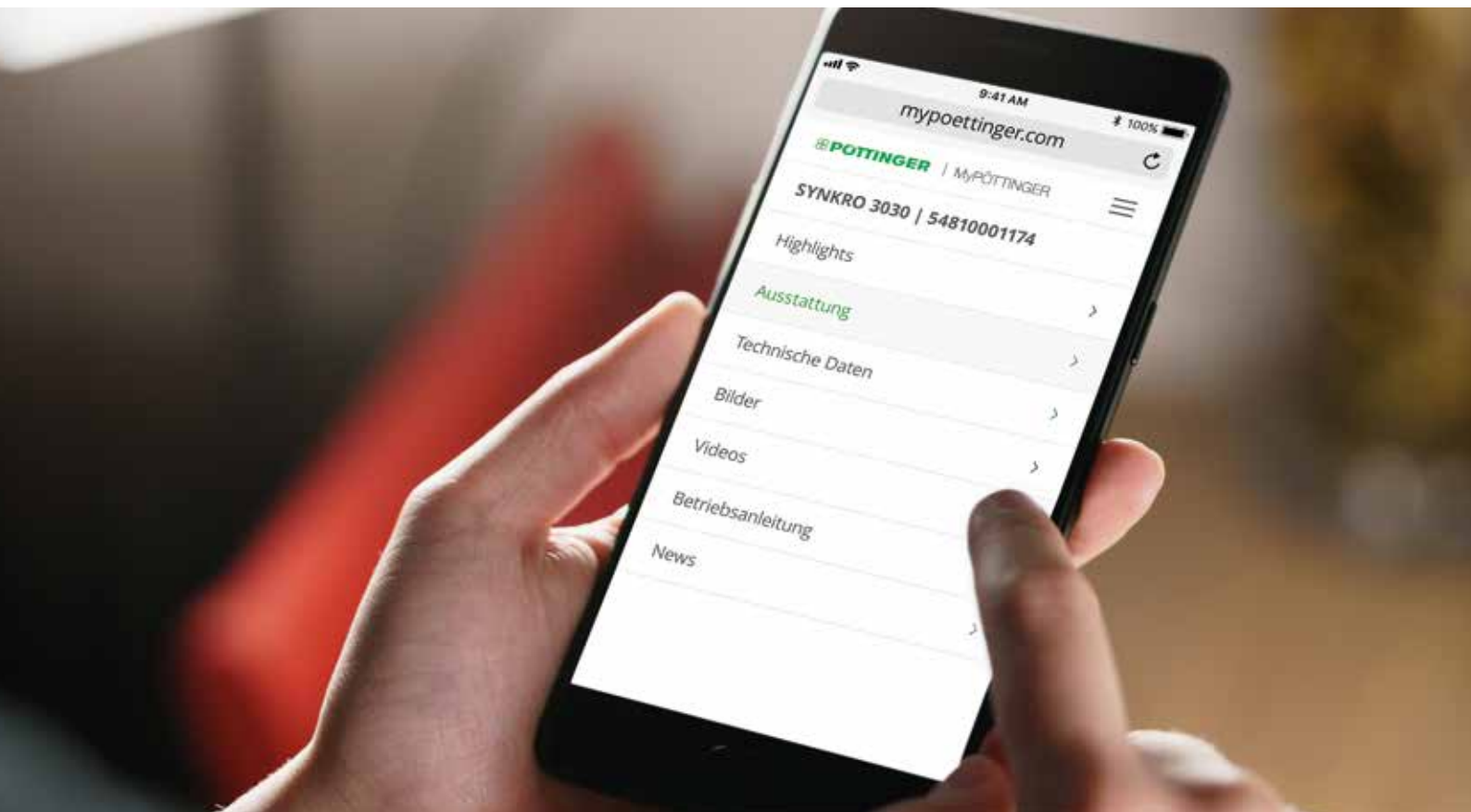
- Tractor independent PTO-driven hydraulic pump
- Side loading platform
- Special metering wheels
- Scrapers for press wheels
- Scales for calibration

■ = Standard, □ = Optional

TERRASEM model	R3 / R3 F	R4 / R4 F	C4 / C4 F
Working width	3.0 m	4.0 m	4.0 m
Seed hopper volume	3,000 / 4,000 l	3,000 / 4,000 l	3,000 / 4,000 l
Volume with hopper extension	4,000 / 5,100 l	4,000 / 5,100 l	4,000 / 5,100 l
Number of disc harrow discs	22	30	30
WAVE DISC row spacing	125 mm / 167 mm	125 mm / 167 mm	125 mm / 167 mm
Harrow disc diameter	510 mm	510 mm	510 mm
WAVE DISC diameter	510 mm	510 mm	510 mm
Distributors	1 / 1 + 1	1 / 1 + 1	1 / 1 + 1
Seed coulters / fertiliser coulters 12.5 cm spacing	24 / 12	32 / 16	32 / 16
Seed coulters / fertiliser coulters 16.7 cm spacing	18 / 9	18 / 9	24 / 12
Coulter disc diameter	380 mm	380 mm	380 mm
Seed row spacing	125 mm / 167 mm	125 mm / 167 mm	125 mm / 167 mm
Coulter offset	320 mm	320 mm	320 mm
Pressure per coulter	40 - 120 kg	40 - 120 kg	40 - 120 kg
Press wheel diameter	380 mm	380 mm	380 mm
Length	7.94 m	7.94 m	7.94 m
Transport width	3.00 m	4.00 m	3.00 m
Transport height	3.00 m	3.00 m	3.00 m
Filling height	2.55 m / 2.85 m	2.55 m / 2.85 m	2.55 m / 2.85 m
Number of packer tyres	6	8	8
Power requirement kW	81-125 / 99-132 kW	103-147 / 103-147 kW	103-147 / 118-220 kW
Power requirement hp	110-170 / 135-180 hp	140-200 / 140-200 hp	140-200 / 160-300 hp
Weight	4,550 / 5,725 kg	5,950 / 6,150 kg	6,430 / 7,750 kg

C6 / C6 F	C8 / C8 F	C9 / C9 F
6.0 m	8.0 m	9.0 m
3,000 / 4,000 l	4,000 / 4,000 l	4,000 / 4,000 l
4,000/ 5,100 l	5,100 / 5,100 l	5,100 / 5,100 l
46	62	70
125 mm / 167 mm	125 mm / 167 mm	125 mm / 167 mm
510 mm	510 mm	510 mm
510 mm	510 mm	510 mm
1 / 1 + 1	2 / 2 + 1	2 / 2 + 1
48 / 24	64 / 32	72 / 36
36 / 18	48 / 24	54 / 27
380 mm	380 mm	380 mm
125 mm / 167 mm	125 mm / 167 mm	125 mm / 167 mm
320 mm	320 mm	320 mm
40 - 120 kg	40 - 120 kg	40 - 120 kg
380 mm	380 mm	380 mm
7.94 m	7.94 m	7.94 m
3.00 m	3.00 m	3.00 m
3.00 m	3.98 m	4.45 m
2.55 m / 2.85 m	2.85 m	2.85 m
12	16	18
140-220 / 169-243 kW	221-294 / 213-368 kW	221-294 / 243-368 kW
190-300 / 230-330 hp	300-400 / 290-500 hp	300-400 / 330-500 hp
8,780 / 12,284 kg	10,950 / 13,850 kg	12,280 / 14,816 kg

All machine information at a glance



MyPÖTTINGER – Simple. Anytime. Anywhere.

For all PÖTTINGER machines 1997 models onwards

We have created MyPÖTTINGER as a tool to provide machine specific information for all machines from year of build 1997 onwards.

Simply scan the QR code on the data plate with your smartphone or tablet or enter your machine number at www.mypottinger.com.

Your machine goes online

You will immediately receive all the information on your machine.

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

ORIGINAL PARTS



Rely on the original

PÖTTINGER Original Parts meet the highest demands in terms of functionality, reliability and performance. These are characteristics that PÖTTINGER is committed to delivering.

That is why we manufacture PÖTTINGER Original Parts from the highest quality materials. We ideally match each individual spare part and wear part to your machinery's overall system. This is because different soil and operating conditions often need to be taken into consideration.

We have been listening to our customers and now offer three different lines - CLASSIC, DURASTAR and DURASTAR PLUS - to make sure you have the right part to meet every requirement. Original parts are worth every cent, because know-how cannot be copied.



Your advantages

- Immediate and long-term availability.
- Maximum durability thanks to innovative production processes and the use of the highest quality materials.
- Avoidance of malfunctions due to a perfect fit.
- The best working results thanks to optimum match to the overall system of the machine.
- Save time and costs thanks to longer replacement intervals on wear parts.
- Comprehensive quality testing.
- Ongoing advancement through research and development.
- Worldwide spare parts supply.
- Attractive, competitive prices for all spare parts.

CLASSIC
DURASTAR
DURASTAR PLUS

Wear parts

The CLASSIC line is for standard duty applications. With these ORIGINAL INSIDE parts we have defined the benchmark for quality, best price/performance ratio and reliability.

DURASTAR is the innovation on the wear components market - durable, high quality, productive and reliable.

Are you used to putting your machines to work in the most extreme conditions? Then the DURASTAR PLUS line is the right choice for you.



More Success with PÖTTINGER

- A family-owned company since 1871
Your reliable partner
- Specialist for tillage, seed drills
Hay and harvesting machines
- Future-safe innovation for outstanding working results
- Roots in Austria - at home throughout the world

Efficient drilling for perfect crop emergence

- Seedbed preparation, consolidation and drilling combined in a single machine.
- Universal applications - regardless of whether mulch drilling or conventional drilling.
- Guarantees unique ground tracking capability and uniform seed placement depth.
- Flexibility that is more than worth the investment with IDS - the Intelligent Distribution System.
- Cost-effective, extremely versatile and convenient to use.

Ask for more information:

PÖTTINGER Landtechnik GmbH

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

Alois PÖTTINGER UK Ltd.

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

POETTINGER Canada Inc.

460 Rue Robinson Sud
Granby, QC, J2G 7N6
Canada
Phone +1 450 372 5595
Fax +1 866 417 1683
info@poettinger.ca
www.poettinger.ca

POETTINGER US, Inc.

393 Pilot Drive
Valparaiso, IN 46383
USA
Phone +1 219 510 5534
Fax + 1 219 707 5412
info@poettinger.us
www.poettinger.us

PÖTTINGER Australia PTY LTD

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

POETTINGER Ireland Ltd.

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

Importer for New Zealand:

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

Importer for South Africa:

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