

Linkage-mounted reversible ploughs
SERVO 25

 **PÖTTINGER**

Perfect incorporation



Perfect incorporation



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 SERVOMATIC control centre on PÖTTINGER ploughs lets you easily adapt perfectly to all types of soil and the current operating conditions. A large selection of modern mouldboards is available to match every soil type.

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Easy adjustment with SERVOMATIC



1 Pulling point setting

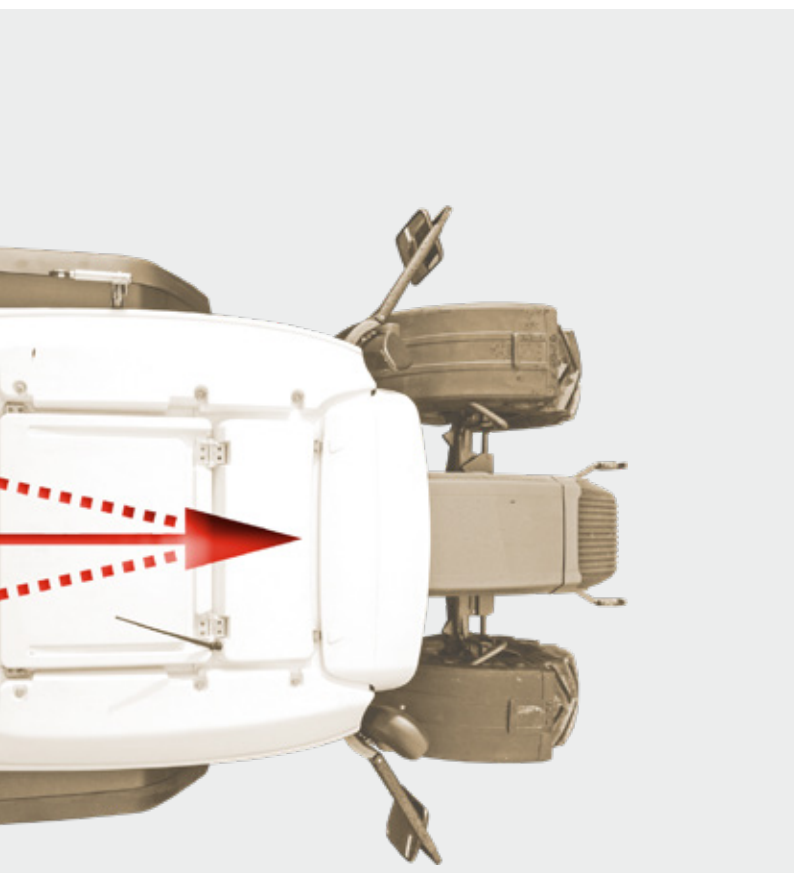
2 Front furrow width setting

SERVOMATIC

For ploughs with mechanical furrow width adjustment

Setting up the plough correctly ensures smooth and productive ploughing. PÖTTINGER makes it easy for you to adjust the plough to the tractor and soil conditions using the SERVOMATIC control centre.

The front furrow width and pulling point are adjusted separately with ease and precision.



- Use the rear turnbuckle to set the front furrow width.
- Use the front turnbuckle to set the pulling point.
- The two functions do not influence each other.
- A few simple adjustments and the plough is set correctly the first time.
- No compensation or re-adjustment needed.
- The wide, infinitely-variable range ensures a rapid match to all tractors and operating conditions.

Optimum pulling point adjustment guarantees low landside pressure, resulting in less wear and low fuel consumption.

SERVO NOVA stone protection



NONSTOP ploughing in stony soil

SERVO NOVA ploughs with stone protection give maximum reassurance. Ploughing without stopping means full productivity even in stony soil.

A hydraulic overload protection system with adjustable triggering pressure protects the plough against damage.

Hydro-mechanical stone protection

This system has a very clever triggering pressure system: The leg does not trip until the set resistance has been reached. Then the pressure required to trigger the leg reduces as the leg rises. No digging or loosening of big rocks. This protects the whole plough.

- On re-penetrating the soil, the pressure increases to ensure reliable penetration in heavy, dry soil.
- Set the trigger point quickly and easily using the pressure gauge on the headstock.



Proven system

With its variable hydraulic triggering pressure, the SERVO NOVA system adapts the plough to different soil types.

Each pair of plough bodies has its own hydraulic accumulator which allows upward movement to the side by up to 40 cm.

The lubricated pivot points and additional shear bolts guarantee a long service life.

- The central filling system is standard on all SERVO NOVA ploughs.
- Smooth, flexible triggering protects both plough and tractor.
- The gas accumulators are mounted on the inside of the plough legs for protection.
- Spring-mounted disc coulters roll over rocks without the risk of damage.

For tractors up to 120 hp





For tractors up to 120 hp



SERVO 25 and SERVO 25 NOVA

Light power class ploughs for tractors up to 120 hp with SERVOMATIC control centre for easy adjustment of pulling line. Plough is quickly adapted to every make of tractor for smooth and fuel-efficient ploughing. Available with 2, 3 and 4 furrows and as a NOVA version with hydraulic stone protection system.

Headstock

The headstock is a single forged section around the turnover shaft for enhanced strength. A double acting reversing cylinder with check valve is standard; hoses are not under pressure during ploughing. Three top link positions, including a slotted hole for faster penetration and lower linkage control.

Cat. 2 mounting axle, Cat. 3 optional

The full-length mounting axle can be adjusted to four positions and has an anti-twist lock. The correct positioning on the tractor is therefore always retained to achieve optimum clearance at all times.



Turnover unit and turnover shaft

The turnover shaft is a solid shaft with a diameter of 80 mm. The tapered roller bearings are tensioned and adjusted using a castellated nut. The beam angle is adjusted using two turnbuckles.



The beam link - a central component

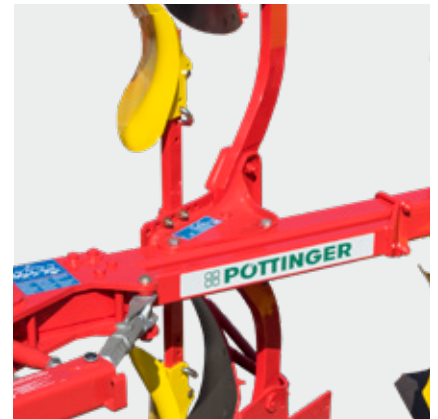
The conical shape of the beam link with wide spaced mounting on the turnover unit means it can absorb high torque loads.

The pins in the lubricated pivot points are equipped with anti twist locks this prevents excessive wear. Replaceable bushes on the turnover unit and bearing block pivot points guarantee a long service life.



Bolted reinforcement in main plough beam section

On 3-furrow models there is an additional reinforcement bolted to the beam. No holes or welds that would weaken the beam.



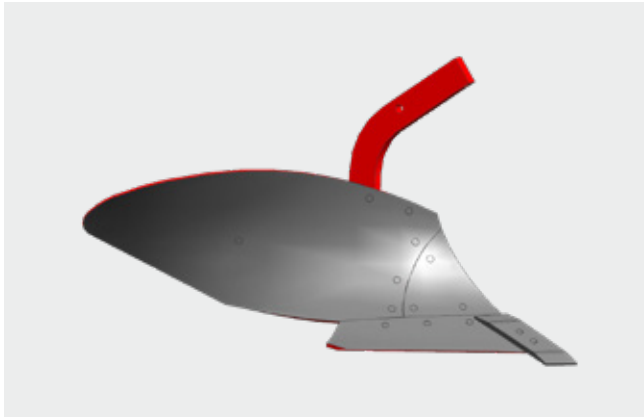
Welded and pressed mounting brackets

The bracket surrounds the plough beam tube with a large contact area to transfer forces to the beam.

Solid mounting on both sides of the plough share

Double-sided shear protection via shear bolts. Four furrow widths easily selected via hole matrix by moving a bolt.

Equipment options



DURASTAR

Hardened right through and carbonised

Through-hardened means consistent hardness across the whole cross-section. Carbonised: Substrate material core is elastic.

Proven plough mouldboards, through-hardened, guarantee excellent results in compact soils (heathland, black-earth soil, etc.).



Mouldboards with a special carbonised layer are characterised by impressive durability thanks to a super-hard 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.

- Longer service life than 3-layer plate.
- Improved soil flow reduces sticking.
- Developed and manufactured by PÖTTINGER.
- DURASTAR 27 Wc, 46 Wc, 36 UWc and 39 UWc mouldboards

Mouldboards

8 mm hardened fine grain steel that is extremely resistant to wear.



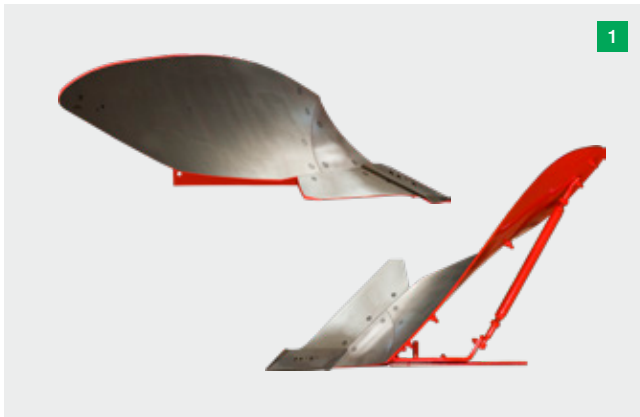
DURASTAR slatted mouldboards

Slats 12 mm thick and hardened right through for extreme wear resistance. Gap between slats gets wider further back to prevent stones from becoming trapped.

Armoured chisel points and combined shares and points

Chisel points and combined shares and points with deposition welding are also available for extreme wear resistance.

Mouldboards

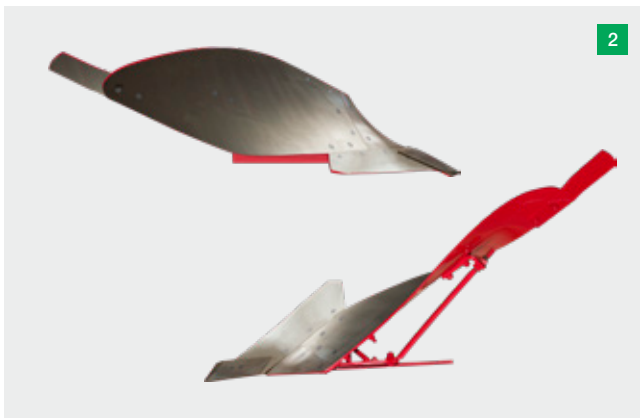


Long, curved, mouldboard

1 27 Wc DURASTAR

Low draft, well suited to working on slopes. Ideal for ploughing meadow and flat land with good furrow clearance. Suitable for higher forward speeds.

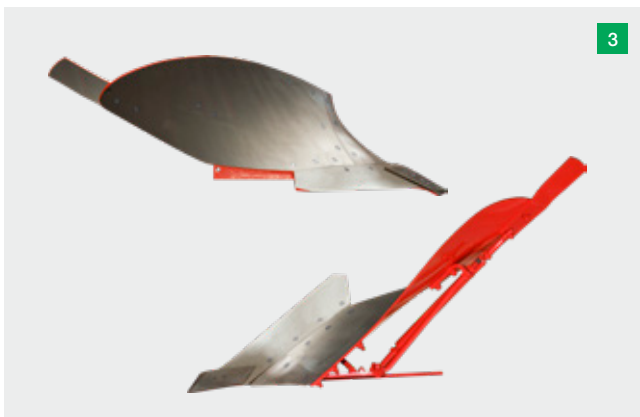
- Working width up to 45 cm.
- Working depth up to 25 cm.
- Furrow clearance up to 48 cm.



2 36 W

Long, curved mouldboard for heavy, sticky soil. Moderate working speed.

- Working width up to 45 cm.
- Working depth up to 25 cm.
- Furrow clearance up to 40 cm.

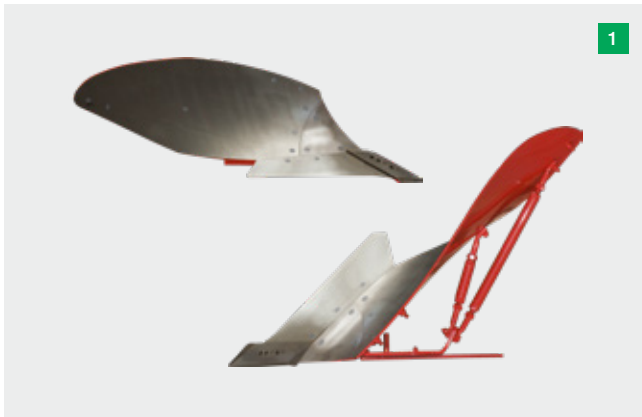


3 41 W

Long, curved mouldboard for heavy, sticky soil. Moderate working speed.

- Working width up to 45 cm.
- Working depth up to 30 cm.
- Furrow clearance up to 45 cm.

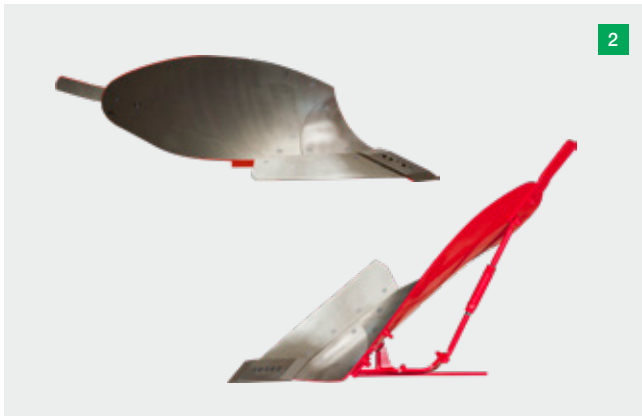
Equipment options



1 46 Wc DURASTAR

Good tilth and suitable for slopes, low draft in loam and clay soils, also light soil types. A body for high working speeds without overlapping. Wide furrow clearance, low draft and excellent turning of the furrow ridge are the hallmarks of this mouldboard.

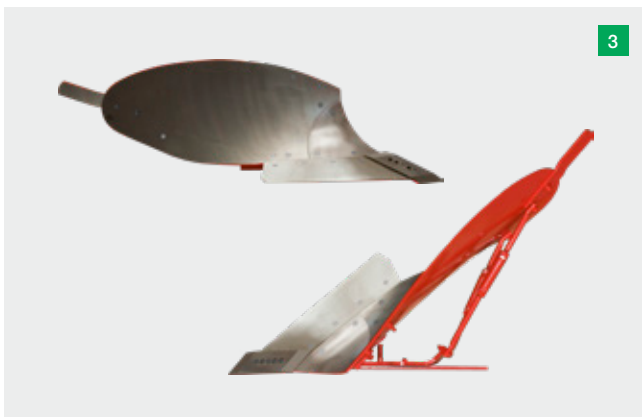
- Working width up to 54 cm.
- Working depth up to 35 cm.
- Furrow clearance up to 53 cm.



2 36 UWc DURASTAR

Universal mouldboard with very good furrow clearance and excellent tilth at normal working speed. Large quantities of harvest residues are ploughed in tidily. A low-draft mouldboard, suitable for most soils.

- Working width up to 50 cm.
- Working depth up to 30 cm.
- Furrow clearance up to 48 cm.

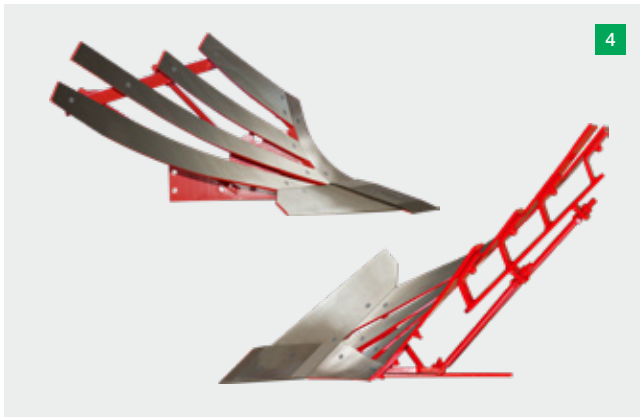


3 39 UWc DURASTAR

Large universal mouldboard with very good furrow clearance and excellent tilth at normal working speed. Large quantities of harvest trash are ploughed in tidily. A low-drag body, suitable for most soils.

- Working width up to 54 cm.
- Working depth up to 35 cm.
- Furrow clearance up to 50 cm.

Mouldboards

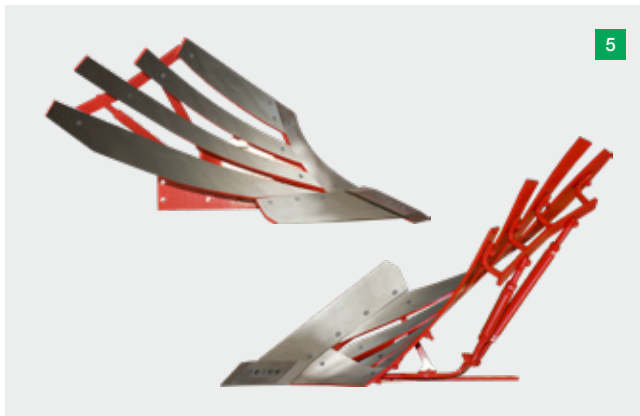


Slatted mouldboards

4 35 WSS DURASTAR

Slatted mouldboard with strong turning characteristics, specially suitable for peaty, medium-density and sticky soil. Especially wide furrow clearing and excellent tilth.

- Working width up to 54 cm.
- Working depth up to 35 cm.
- Furrow clearance up to 53 cm.

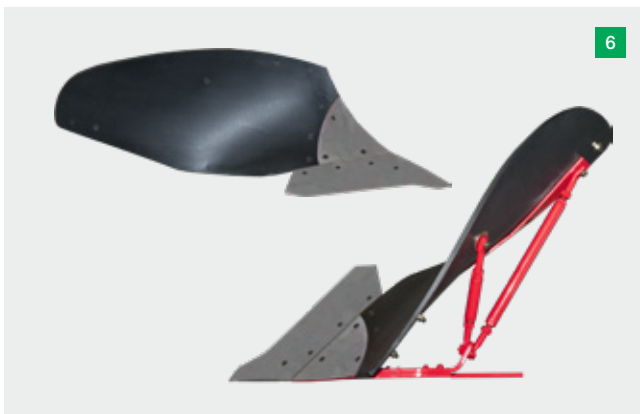


5 38 WWS DURASTAR

Low draft slatted mouldboard for excellent crumbling effect in medium to heavy soils (loam, clay). Good furrow clearance - ideal for wide tyres.

- Working width up to 54 cm.
- Working depth up to 30 cm.
- Furrow clearance up to 50 cm.

Synthetic mouldboard



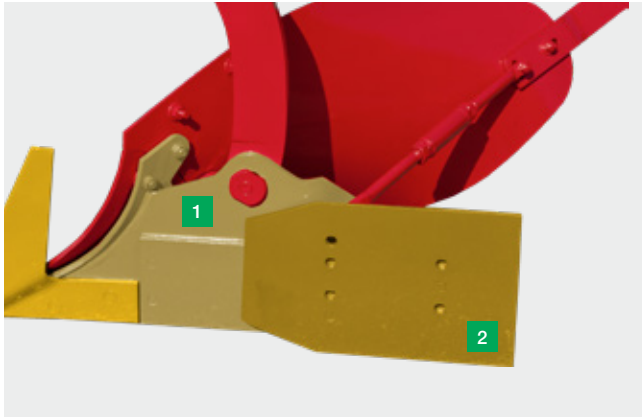
6 50 RW

Material Robalon S, 15 mm thick, metal shin, geometry and frog same as 46 W.

Long, curved, high synthetic mouldboard for soils with low stability. Wide furrow clearance. Soil flows easily along surface. Use only with combined share and point. Not suitable for stony ground.

- Working width up to 54 cm.
- Working depth up to 35 cm.
- Furrow clearance up to 53 cm.

Equipment options



Proven plough body configuration

Frog

The frog is tempered to provide maximum strength and stability for mouldboards or slats. The single-piece shares sit on a forged raised part to give a precise, durable joint.

1 Angle adjustment

An offset allows adjustment of body angle for reliable penetration, even in extremely hard, dry soils.

2 Large landsides for reliable plough tracking

The landsides can be used four times to ensure cost efficient use of the parts. Landside protector standard on last body.



DURASTAR reversible points are standard

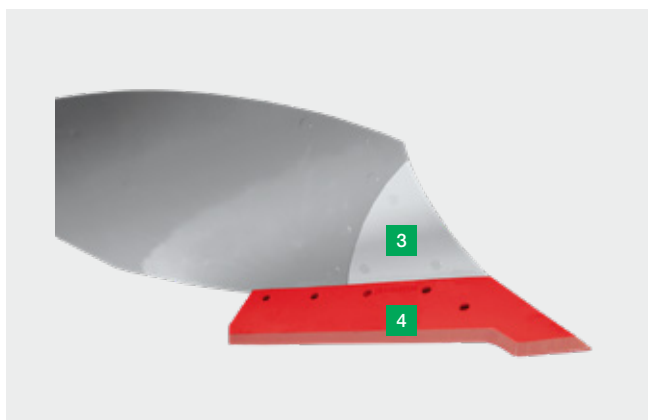
Chisel points with deposition welding. Single-piece points are reversible for reduced operating costs. The single-piece points are manufactured from hardened boron steel and guarantee good plough penetration in all soil conditions.

Shares

All shares are manufactured from hardened boron steel. Increasing the hardened wear zone extends service life by up to 50 %. The 11 mm thick shares have a total width of 150 mm. The forward taper aids good penetration and has the effect of being self-sharpening.



High quality plough components

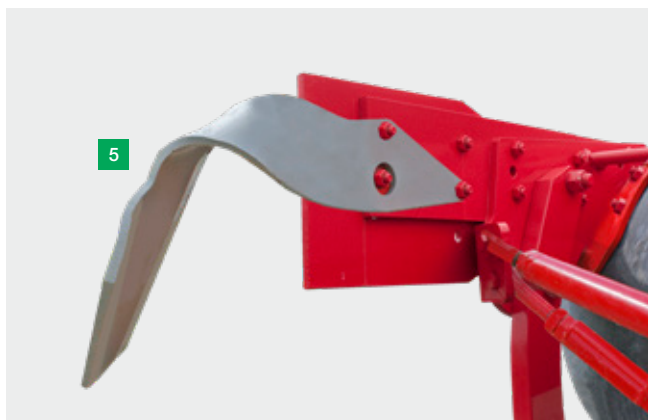


3 Share blades

Share blades made from 8 mm hardened fine grain steel are used on mouldboards in the area of greatest wear. They are quick and easy to replace.

4 Full-length share points

With powerful wear points. An aggressive point angle ensures excellent soil penetration. Highly suitable for stony soils and shallow ploughing. Armoured DURASTAR combined share and point are available as an option.



5 Furrow widener for wide tyres

Furrow wideners are available as an option for all ploughs and mouldboards. These can only be used without disc coulters.

Equipment options



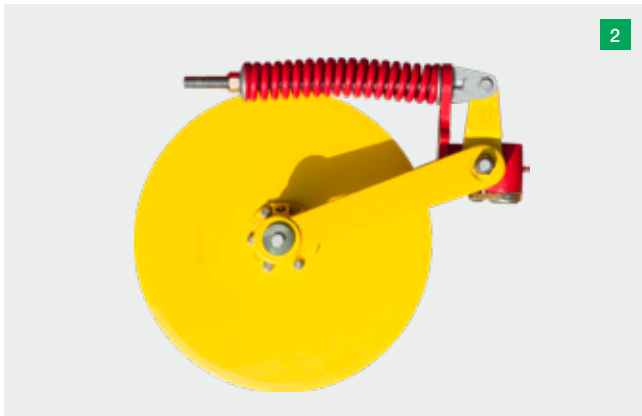
Coulter shapes

A clean disc coulters cut guarantees precise turning of the ridge and a clean furrow.

Adjustable bracket

Depth is adjusted using toothed segments.

- Mounting moved forward so the disc coulters is in front of the skimmer. Plenty of space for large quantities of maize straw and organic matter.
- Mounting moved back so the disc coulters is close to the skimmer for light, free-flowing soil and shallow ploughing.



1 Disc coulters, smooth or scalloped

- 500 or 590 mm diameter with good self-cleaning characteristics.
- Star-shape indentations for added strength.
- Especially wide bearing spacing for the highest durability.
- Scalloped disc coulters rotate well in high levels of organic matter.

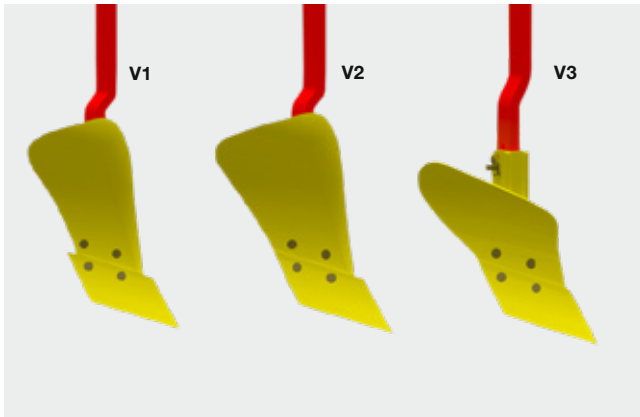


2 Spring-mounted coulters disc

Spring-mounted coulters discs are available for SERVO NOVA ploughs with overload protection.

3 Landside knife coulters

The landside knife coulters is a cost effective alternative to the disc coulters.

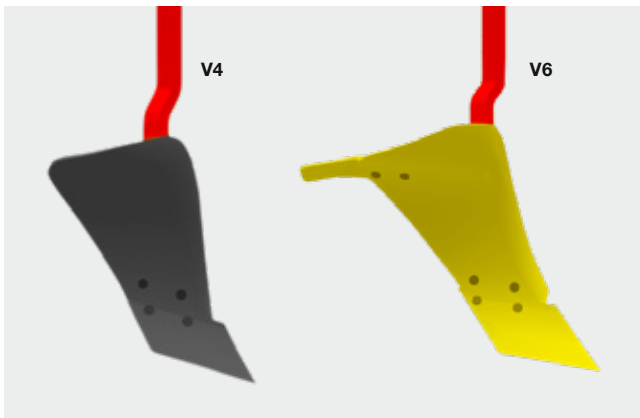


Skimmer

Suitable skimmer shapes mean there are no crop residues on the surface after ploughing.

Skimmer adjustable without the need for tools

Same shank for all skimmers with multi-stage depth adjustment - no tools required. Distance from the mouldboard is adjustable via the hole matrix. The skimmer is equipped with a shear bolt.



V1 universal skimmer

Suitable for all conditions including maize straw.

V2 maize skimmer

For large quantities of organic matter, cover crops and deep tillage.

V3 universal skimmer

Suitable for shallow working depths.

V4 RW synthetic fertilizer skimmer

For light, non-cohesive and sticky soil.

V6 maize skimmer

Large, high skimmer with additional trashboard, used to incorporate large amounts of organic matter.



1 Trashboards

Alternatives for shallow ploughing and stony soil.

2 Leg deflector

Leg deflectors improve ploughing results in large quantities of organic matter while protecting the leg.

Equipment options



Depth wheels

In order to ensure precise depth control during ploughing, it is essential that the plough is aligned parallel to the soil surface. In addition to being guided by the tractor linkage, support provided by the depth wheel is also decisive. There is a choice of depth wheel versions available. Depending on the application, model and number of furrows, there is a selection of pivot depth wheels and dual depth wheels. Placing the depth wheel in the forward position supports good fenceline ploughing performance. In this case, the clamping bracket is mounted close to the beam. This means it can plough right up to the edge of the field. Large tyres distribute the weight of the plough over a large surface area to conserve the soil. Optional scrapers are available to keep the tyres clean.



Pivot depth wheel

The depth wheel pivots over during reversing. A pin moves it into the correct position for travel close to the beam. Depth adjustment is mechanical. On 4-furrow ploughs upwards, the wheel may be positioned at the last or penultimate body.

- Steel pivot depth wheel
505 x 185 mm
- Pneumatic tyre pivot depth wheel
579 x 264 mm (23 x 10.5-12)
- Pneumatic tyre pivot depth wheel at rear
579 x 264 mm (23 x 10.5-12), hydraulic damped



Dual depth wheels

On 4-furrow ploughs upwards, the wheel may be positioned at the last or penultimate body. The mounting can be moved forward for fenceline ploughing so that it is close to the plough body. The wheels are infinitely adjustable via turnbuckles.

- Steel dual depth wheel
505 x 185 mm
- Pneumatic tyre dual depth wheel
579 x 264 mm (23 x 10.5-12)
- Pneumatic tyre dual depth wheel
660 x 305 mm (26 x 12-12)

Accessories



Often ordered together



Cat. II mounting axle



Cat. III mounting axle

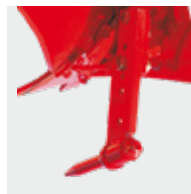


**Steered axle
Cat. II**

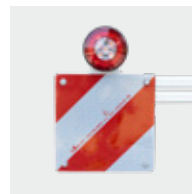
| | | | |
|---------------|---|------|-------|
| Weight | | 4 kg | 83 kg |
| SERVO 25 | ■ | □ | □ |
| SERVO 25 NOVA | ■ | □ | □ |



**Hydraulic extension
arm for furrow press**



Subsoiler



**Marker boards
and lighting**

| | | | |
|---------------|-------|------------|-------|
| Weight | 95 kg | Pair 26 kg | 30 kg |
| SERVO 25 | □ | □ | □ |
| SERVO 25 NOVA | □ | □ | □ |

■ = Standard, □ = Optional

Technical data



SERVO 25

| | | | |
|-----------------------------------|----------------------|------------------|------------------|
| Number of shares | 3 | 4 | 5 |
| Linkage | Cat.II/2 / Cat.III/2 | | |
| Point-to-point spacing | 95 / 102 cm | 85 / 95 / 102 cm | 85 / 95 / 102 cm |
| Underbeam clearance | 74 / 80 cm | | |
| Furrow width at | | | |
| 85 cm point-to-point spacing | 32, 36, 40, 43 cm | | |
| 95 cm point-to-point spacing | 33, 37, 41, 45 cm | | |
| 102 cm point-to-point spacing | 35, 40, 44, 48 cm | | |
| Frame dimensions | 100 x 100 x 10 mm | | |
| Turnover shaft | 80 mm | | |
| Power requirement | 50 – 120 hp | | |
| Transport length ¹ (m) | 2.6 m | 3.5 m | 4.4 m |
| Weight ² (kg) | 630 kg | 845 kg | 995 kg |

SERVO 25 NOVA

| | | | |
|-----------------------------------|----------------------|------------------|------------|
| Number of shares | 3 | 4 | 5 |
| Linkage | Cat.II/2 / Cat.III/2 | | |
| Point-to-point spacing | 95 / 102 cm | 85 / 95 / 102 cm | 85 / 95 cm |
| Underbeam clearance | 74 / 80 cm | | |
| Furrow width at | | | |
| 85 cm point-to-point spacing | 32, 36, 40, 43 cm | | |
| 95 cm point-to-point spacing | 33, 37, 41, 45 cm | | |
| 102 cm point-to-point spacing | 35, 40, 44, 48 cm | | |
| Frame gauge | 100 x 100 x 10 mm | | |
| Turnover shaft | 80 mm | | |
| Power requirement | 50 – 120 hp | | |
| Transport length ¹ (m) | 2.6 m | 3.5 m | 4.4 m |
| Weight ² (kg) | 740 kg | 1,020 kg | 1,230 kg |

¹ Minimum transport length including lighting

² Basic weight without additional tools



MyPÖTTINGER – it's easy. Anytime. Anywhere.

Benefit from numerous advantages

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

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

My machines

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

Info on the product range

MyPÖTTINGER provides you with machine-specific information for all machines built starting 1997.

Scan the QR code on the machine's data plate with a smartphone or tablet or go to www.mypottinger.com and enter the machine number from the comfort of your own home. You will immediately receive all the information on your machine, such as: instruction manuals, equipment options information, brochures, photos and videos.

ORIGINAL PARTS



CLASSIC

DURASTAR

DURASTAR PLUS

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.

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 arable and grassland
- Future-safe innovation for outstanding working results
- Roots in Austria - at home throughout the world

Perfect incorporation

- PÖTTINGER ploughs ensure neat incorporation without any harvest residues left on the surface.
- Our ploughs stand for high strength and durability under high loads.
- Setting up is made easy thanks to the SERVOMATIC control centre because the front furrow width and pulling point can be set precisely and separately from each other.

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.

2855 Slover Rd
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 Agroup
PO Box 673, 57 Hautapu Road
Cambridge
New Zealand
Phone +64 7 823 7582
info@originagroup.co.nz
www.originagroup.co.nz

Importer for South Africa:

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