

# A strong partner



## A strong partner



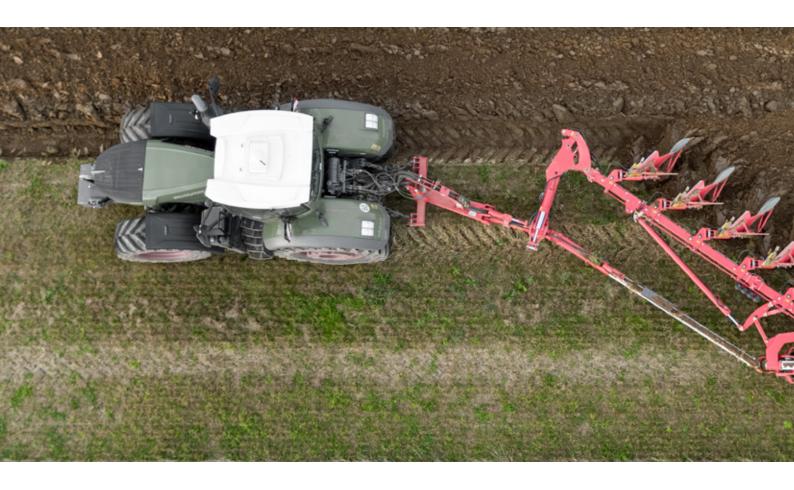
Straightforward and cost effective to use, reliable operation in challenging conditions and impressive working results, these are the key factors that were taken into account during the development of the SERVO T. The new plough beam concept forms the basis for years of relentless operation.

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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.

## Ready for everything



### Strong for the future

The SERVO T 6000 is the result of many years of ploughing experience and intensive development work at PÖTTINGER. The main beam section and the NOVA stone protection system have been revised from the ground up to optimise reliability. The straightforward and quick adjustment of the relevant settings and a tight turning radius at the headland save valuable time. Hard-wearing materials at heavily stressed points, as well as the proven TRACTION CONTROL system, reduce operating costs. A wide range of mouldboards and additional tillage tools are also available for optimum formation of the furrow ridge and top quality tilth.

## Optimised plough beam design

The plough beam has been engineered to absorb the loads acting on it during operation even better. The configuration aligns the tractive forces along the same plane and minimises deflections. This makes efficient use of the tractor's pulling power. In addition, the newly designed construction protects all bearing points and mounted components.

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







### Up to 500 hp

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

## Ready for the toughest jobs

The proven NOVA hydraulic stone protection system has been further developed to meet the toughest challenges. An optimised design ensures maximum triggering pressure and the best re-engagement with low weight. The integrated cylinder is protected against dust and dirt. The centrally located hydraulic accumulators are easily accessible and ensure even pressure distribution in the system.

- 2,200 kg triggering pressure per element for the hardest and heaviest soils
- Trip clearance of 48 cm upwards and 20° to the side
- Additional shear bolt for extreme loads

## Ready for the toughest jobs



## **NOVA** models



## Maximum strength

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







### Innovative

The optimised design of the system brings significant advantages in the field. The integrated cylinder is protected against dirt and damage. The components are configured to ensure a large trip clearance of 48 cm while at the same time reducing the weight of the entire construction.

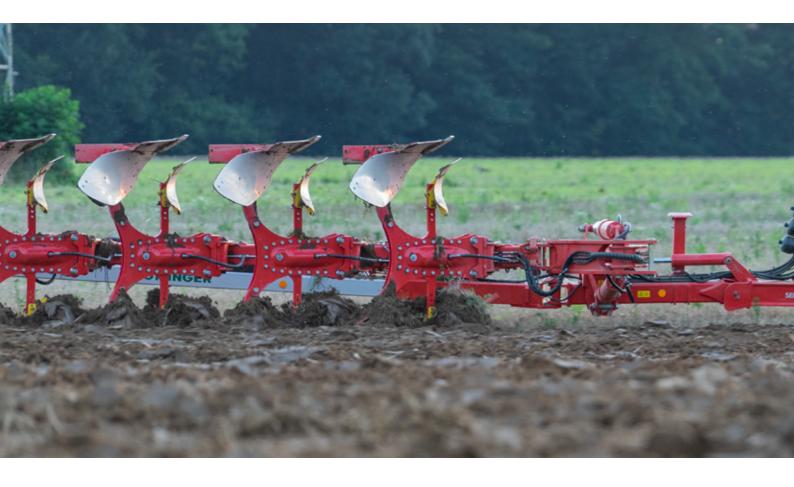
## Controllable power

With a single-acting connection, the pressure in the hydraulic system can be adjusted accurately and quickly. The maximum pressure acting against obstacles is 2,200 kg. A central pressure control bank with a total of four hydraulic accumulators reliably absorbs high load peaks and ensures a rapid and smooth return to the working position.

## Safety first

An additional shear bolt is fitted to prevent damage to the plough in the event of a collision. It ensures that the plough bodies and beam are protected from excessive loads. The shear bolt is hardened to ensure clean shearing so that easy replacement is possible.

## Maximum output



#### More traction

Save on operating costs and increase the efficiency of your tractor with optional TRACTION CONTROL. The proven system actively transfers weight to the rear axle of the tractor. The resulting increase in traction guarantees effective drive power in any terrain. In addition, fuel consumption can be reduced by up to 3.5 litres per hectare, which ultimately increases profit.

- Infinitely variable adjustable
- up to 1,100 kg more weight on the rear axle of the tractor
- Switches off automatically in the transport position and while turning

#### Wear resistant

Extremely wear-resistant DURASTAR chisel points and share blades ensure a long service life in the most difficult conditions and contribute to long replacement intervals. In addition to reversible points, a particularly robust combined share and point is also available, which demonstrates incredible strength when working in soil with high levels of stones. Thanks to the hardness of the materials, the tillage tools retain their length. For this reason, reliable soil penetration and perfect work quality are always guaranteed.

- Long service life of the reversible points thanks to tungsten carbide armour plating
- Shares made of hardened boron steel







### Optimised work process

The turnover shaft is located close to the tractor. This allows a maximum turning angle as well as an efficient tractor-plough pull line. In addition, the support wheel mounting pivots to reduces the turning radius at the headland. This saves time during each turn and increases the area covered per hour.

#### Short breaks

All greasing points and adjustment points are easily and quickly accessible. Short set-up times are the result.

## Ploughing with a furrow press

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

- On SERVO PLUS ploughs, the catching position is maintained precisely even if the furrow width is changed.
- The press arm can be fixed within the tractor width for road transport.

## Proven reliability



### Quick set-up

The settings that need to be made on the SERVO T 6000 can be made easily and intuitively in just a few steps. The working depth is set using swing clips on the support wheel. The front furrow width can be adjusted using the turnbuckle on the stabiliser. The triggering pressure of the NOVA stone protection system can be conveniently changed using the spool valve on the tractor.

- Easily accessible setting points
- Each swing clip changes the working depth by 2.5 centimetres
- Simply rotate the mechanical turnbuckle

# Seamless merging between passes

The furrow width of the first plough body can be easily adjusted using the mechanical turnbuckle or optionally using a hydraulic cylinder. This convenient solution means there is no need to leave the tractor cab. In combination with the PLUS system, the furrow width is automatically adjusted when the working width is changed.

 Hydraulic front furrow width setting is standard on PLUS and PLUS NOVA ploughs







### The convenient PLUS

If required, the working width can be hydraulically adjusted to the soil conditions, the application and the tractor power. The furrow width of the first body is adjusted accordingly, there is no need for readjustment. This way, the best working results are always ensured. The easy-to-maintain pivot points are fitted with high-quality bushings that are easy to grease for a long service life.

- Large adjustment range from 35 58 cm per body
- Components mounted on play-free bearings
- Controlled using a double-acting spool valve
- Easy to plough tight corners and headlands

## Easy handling

The optimised plough beam keeps the plough's centre of gravity close to the ground and helps it run smoothly during road transport. A parking stand ensures safe stowage in the working position.

## Maximum convenience



## PLUS models

A high degree of flexibility is a basic requirement for efficient work in the field. While working around trees, pits, masts and other obstacles takes up a lot of time with a rigid plough, only one adjustment needs to be made with the PLUS hydraulic working width adjustment system. This means the plough can be adapted quickly and safely to changing conditions in the field. At the same time, the quality of work remains consistent. The furrow width of the first body is always automatically transferred to the remaining furrows.





#### From narrow to wide

Thanks to the PLUS system, it is possible to quickly adjust the furrow width to plough around obstacles, field edges and headlands. The different formation of the furrow ridges when changing the working width has agronomic advantages. All specifications are met with a full adjustment range between 35 and 58 cm on each plough body. Our standard ploughs have 5-step manual furrow width adjustment.

#### Proven technology

The furrow width adjustment lever is mounted on play-free bearings and is located on the outside of the main beam section. This precisely transmits every change in the cylinder to the plough bodies. The pivot points on the adjustment lever are fitted with high quality components that are easy to grease. All greasing points are easily accessible.

## Designed for success



### Perfect results

To ensure the best working results, PÖTTINGER offers the right mouldboards for all soil types and operating conditions. The different lengths and curvatures are available as sold as well as slatted mouldboards. Shallow as well as deep ploughing can be achieved with consistent quality.

## For high volumes of residues

Incorporating large quantities of straw and plant residues places special demands on a plough. Thanks to the large underframe clearance and sufficient point-to-point spacing, organic matter is reliably conveyed under the soil without blockages. Skimmers and trashboards are available as an option to provide additional assistance with this task.

- Underframe clearance of either 80 cm or 90 cm (standard and PLUS ploughs)
- Point-to-point spacing 102 cm
- Wide choice of additional tillage tools







## More space

The wide furrow bottom clearing of the plough bodies means that wide tractor tyres can be used. As an option, a furrow widener can be used to expand the existing space in the furrow. A subsoiler can be added to loosen the bottom of the furrow and give plants access to deeper soil layers.

## Clean and tidy results

The optional disc coulter and landside knife coulter provide a well-defined furrow edge. This is particularly important for field boundaries as well as for ploughing grassland.

#### Up to the edge of the field

The plough beam is designed to enable ploughing to the very edge of the field. The support wheel runs inside the last body. This means that clean and tidy incorporation of plant residues and weeds is possible without crossing the field boundary.

## Mounting and transport



### Attaching the machine

The SERVO T 6000 is attached to the tractor using double sided linkage lugs. Different ball dimensions are available, either Cat. III or Cat. IV for large tractors. A long drawbar provides more space for turning manoeuvres and narrow entrances.

## Excellent road holding

Driving on the road between the fields is just as convenient as the actual work. The low-built frame around the support wheel gives the plough a lower centre of gravity. This ensures smooth and stable road holding. The large support wheel and turnover cylinder shut-off valves also enhance safety on the road.

#### Folding lighting

In order to be able to get back to work quickly and smoothly after road transport, the optional lighting carrier slides easily into the frame. It is then protected against damage and ready again for immediate use. There is also no risk of leaving it behind on the edge of the field.





## All set to go

A different number of hydraulic connections are needed to operate the plough depending on the equipment options. The following connections are required for each function.

Clearly marked shut-off valves are located on the drawbar to control individual functions, such as the triggering pressure.

## Overview of hydraulic connections

Standard	NOVA	PLUS	Optional			
1 DA <sup>1</sup> for turnover	1 DA for turnover	1 DA for turnover	1 DA + 1 open return for TRACTION CONTROL			
1 SA <sup>2</sup> for chassis	1 SA for chassis	1 SA for chassis	1 SA for press arm			
	1 SA for triggering pressure	1 DA for furrow width				
		1 DA for front furrow width				

<sup>&</sup>lt;sup>1</sup> DA = double acting connection

<sup>&</sup>lt;sup>2</sup> SA = single acting connection

## All the advantages at a glance



#### Mounting

Cat. III and Cat. IV double sided linkage lugs for the lower linkage guarantees high strength. These ensure that power is transmitted efficiently from the tractor to the plough.

■ Turning angle of over 90 degrees possible

#### 3 Turnover mechanism

Two telescopic hydraulic cylinders turnover the plough reliably and smoothly at the headland. These are mechanically locked during road transport. Easily adjustable, rugged stops ensure precise beam angle adjustment.

#### **2 TRACTION CONTROL**

The weight transferred to the rear axle of the tractor by the hydraulic cylinder increases traction and reduces slippage. Increased traction is essential for cost effective operation because it saves time and money.

■ Up to 1,100 kg more ballast

#### 4 PLUS

The furrow width can easily be adjusted from the tractor seat. The furrow width does not affect the width of the front plough body.

■ Working widths of 35 cm to 58 cm on each plough body



#### Front furrow width

The working width of the front body can be adjusted either mechanically by using spindle, or hydraulically as an option. If the furrow width is changed using the PLUS system, the front furrow width is automatically adjusted as well.

■ Large setting range for tractor inside track width from 1,000 mm to 1,500 mm

#### Frame construction

The support wheel is located close to the frame. This makes it easy to plough field edges. The transport height is also reduced.

■ Smooth road transport

#### Depth transport wheel

During the turning process, the wheel steers passively to reduce the turning radius. Easily accessible swing clips are used to adjust the depth.

■ Dimension 500/45-22.5

#### NOVA stone protection

The triggering pressure can be infinitely variable adjusted using a single-acting spool valve. This design saves weight and space.

- Maximum triggering pressure 2,200 kg
- Trip clearance 48 cm

## Focused on your success

## Long mouldboards

Delivering consistently good working results is the requirement for every mouldboard. With particularly heavy soil types, a long twist in the mouldboard is decisive in forming a clean and tidy furrow ridge. Our optimised mouldboards combine the best crumbling effect with fuel-saving operation.





#### 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.

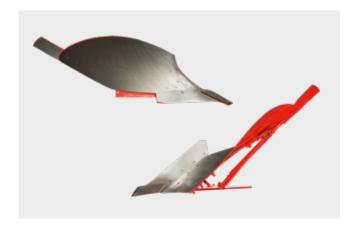
- Working width up to 54 cm
- Working depth up to 35 cm
- Furrow clearance up to 53 cm

#### 27 Wc DURASTAR

Low drag resistance, 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

## Mouldboards





#### 41 W

Long, curved mouldboard for heavy, sticky soil. Moderate working speed for good formation of the furrow ridge.

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

#### Wear resistant mouldboards

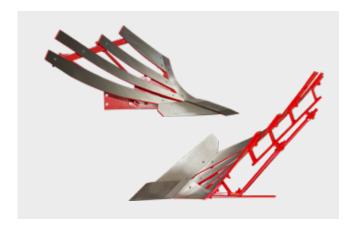
The CLASSIC plough bodies are carbonised to withstand surface wear. This makes the steel harder and more resistant on the outside, so that the service life of the components is significantly increased. The core, on the other hand, remains flexible. This prevents fractures and cracks from occurring when the material is subjected to stress.

The standard version of the DURASTAR 46 Wc, 27 Wc, 36 UWc and 39 UWc mouldboards are case hardened. This keeps you operating cost effectively and saves you valuable time.

## Focused on your success

### Slatted mouldboards

The poor flow behaviour of some soil types is counteracted by our slatted mouldboards, which give you a clear advantage. The reduced surface friction contributes to a smooth turning movement. In addition, they have a positive effect on tilth. The specially hardened slats are robust and resistant.





#### 35 WSS DURASTAR

Slatted mouldboards 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

#### 38 WWS DURASTAR

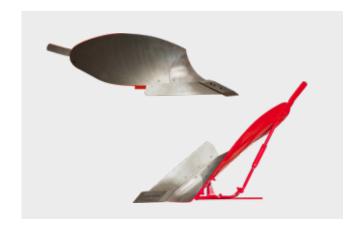
Low-drag resistance body with curved slats for excellent crumbling effect in medium to heavy soils (loam, clay). Good furrow clearance and ideal for wide tyres.

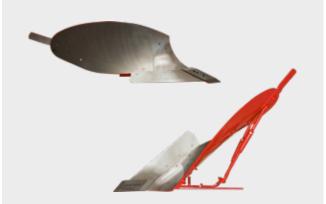
- Working width up to 54 cm
- Working depth up to 30 cm
- Furrow clearance up to 50 cm

## Mouldboards

### Universal mouldboards

For changing soil conditions within a farm, these universal mouldboards deliver excellent performance and are the best solution. They combine efficient operation with solid working results. They are particularly impressive working in high volumes of harvest residues.





#### 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

#### 39 UWc DURASTAR

Large 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 54 cm
- Working depth up to 35 cm
- Furrow clearance up to 50 cm

## Equipment options

#### Disc coulters

Delivering a clean-cut finish not only looks good, these discs guarantee precise turning of the furrow ridge and a clean furrow bottom. In addition to disc coulters, landside knife coulters are also available.

#### Adjustable bracket

One bracket for Standard and PLUS ploughs. Depth is adjusted using toothed segments.

- Bracket positioned forward: The disc coulter is located in front of the skimmer. Plenty of space for large volumes of organic matter (maize straw, for example).
- Bracket positioned back: The disc coulter is close to the skimmer for light, free-flowing soil and shallow ploughing.





#### Plain or scalloped disc coulters

- 500 or 590 mm diameter with good self-cleaning
- 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

#### Spring-mounted coulter disc

- Special linkage combined with spiral spring
- Pre-tension adjusted using spindle
- Simple method of avoiding stones
- Available as an option on all SERVO ploughs

#### Landside knife coulter

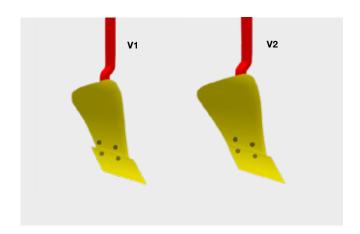
The landside knife coulter is a more cost effective version when compared to disc coulters. They can be mounted on the last plough body or on every plough body.

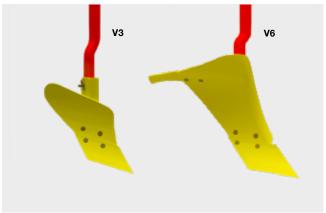
### Skimmer

A wide choice of skimmer geometries offers the best ploughing pattern for all conditions. The tools support the reliable incorporation of various plant residues for blockage-free work.

#### Skimmer adjustable without the need for tools

The depth is adjusted using the hole matrix on the leg, no tools required. The position of the leg in relation to the mouldboard can be adjusted using the hole matrix on the plough frame. The skimmer is protected against stones by a shear bolt.





#### V1 skimmer

Designed for all skimmer applications.

#### V2 skimmer

Designed for high volumes of organic matter and deep ploughing.

#### V3 skimmer

Good working results especially when shallow ploughing.

#### V6 skimmer

Large, high body shape with additional trashboard for incorporating large quantities of organic matter, especially maize straw.

## Equipment options









SERVO	Chisel point (reversible) DURASTAR	Combined share and point	TRACTION CONTROL
T 6000	•		
T 6000 NOVA	•		
T 6000 PLUS	•		
T 6000 PLUS NOVA			









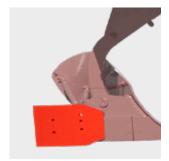
SERVO	Press arm	Other equipment (leg deflector, trashboard, landside knife coulter)	Furrow widener
T 6000			
T 6000 NOVA			
T 6000 PLUS			
T 6000 PLUS NOVA			

## Often ordered together









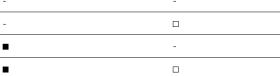
Front furrow width hydraulically adjustable

Furrow width hydraulically adjustable

NOVA hydraulic stone protection

Landside protector at last body

			-
			-
-			•







Subsoiler

Warning signs and lighting

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### More equipment options

- Lower linkage mounting Cat. IV / 3 or Cat. IV / 4
- Landside protector on all bodies
- Underframe clearance 90 cm on standard and PLUS

## Technical data



SERVO	T 6000			T 600	T 6000 NOVA			T 6000 PLUS				T 6000 PLUS NOVA		
Number of shares	6 / 7 / 8 / 9			6 /	7 /	8	6 / 7 / 8 / 9		6 / 7 / 8					
Mounting					Cat. III / 3, Cat. IV / 3			. IV / 3, Ca	/ / 3, Cat. IV / 4					
Point-to-point spacing (cm)	102			102	102		102	102			102	102		
Underframe clearance (cm)	80 / 90			80	80		80 / 9	80 / 90			80	80		
Furrow width (cm)	35 - 41 - 47 - 52 - 58			35 - 4	35 - 41 - 47 - 52 - 58 35 - 58		35 - 58	35 - 58						
Plough beam tube					160 x 160	x 10 (6	& 7 furrows	s), 160 x 16	60 x 12.	5 (8 & 9	furrows)	)		
Depth transport whee	1 500/4	5-22.5			500/4	5-22.5		500/4	5-22.5			500/45	5-22.5	
Power requirement (hp)	160	180	200	220	190	210	230	170	190	210	230	200	220	240
Transport length <sup>1</sup> (m)	8.37	9.37	10.32	11.31	9.06	10.06	11.00	8.37	9.37	10.32	11.31	9.06	10.06	11.00
Weight <sup>2</sup> (kg)	3,010	3,280	3,600	3,890	3,690	4,080	4,510	3,230	3,540	3,880	4,180	3,950	4,370	4,830

<sup>&</sup>lt;sup>1</sup> Basic machine + lighting <sup>2</sup> Without additional tools

## MyPÖTTINGER



## MyPÖTTINGER - it's easy. Anytime. Anywhere.

NEW STARTING 17/11/2021

#### 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.mypoettinger.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 **DURA**STAR **DURA**STAR

### 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.

He 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.

## **#POTTINGER**





### 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

### SERVO T 6000

- The robust frame construction and NOVA stone protection system ensure relentless operation in all conditions.
- Easy adjustment of all the relevant settings assisted by hydraulics and easy accessibility.
- The best quality tilth and reliable incorporation of plant residues and straw to ensure a clean and tidy ploughing

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