ORIGINAL PARTS

Wear parts







Rely on the original

Durability and top performance – characteristics that PÖTTINGER is committed to delivering. Using the highest quality spare parts and wear parts is a key criteria. That is why we manufacture PÖTTINGER Original spare parts and wear parts from the highest quality materials, only sourcing our raw materials exclusively from central Europe and Scandinavia. We ideally match all spare and wear parts to your machinery's overall system. This means that 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 their price, because know-how cannot be copied.

The advantages of PÖTTINGER Original parts

- Immediate and long-term availability.
- Maximum durability thanks to innovative production processes and the use of the highest quality materials.
- Avoidance of unnecessary downtime 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.
- High resale value of previously-owned machines.
- Attractive, competitive prices for all spare parts.

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Our new international spare parts logistics centre

Our international spare parts logistics centre and 16 additional service centres with professional personnel, supply you with know-how and original spare parts through our worldwide network of dealers. At our central spare parts stores and service centres we have around 50,000 different parts in stock – from the smallest gasket to complete implement frames. It just takes one mouse-click to send them as fast as possible to anywhere in the world – 24 hours a day, seven days a week.

- 1.9 acres / 8.000 m² storage area.
- 50,000 stock items.
- Automated small parts storage.
- Up to 800 customer orders per day.
- More than 95 % of the parts ordered leave our stores the same day.
- 3.5 million articles shipped per year adding up to more than 3306 short tons / 3,000 t.









PÖTTINGER range of wear parts

CLASSIC

The classic benchmark specification

The CLASSIC line is for standard duty applications. These Original parts define the benchmark for quality, best price/performance ratio and reliability.

- Standard soil conditions.
- Normal stress on parts during operation.

DURASTAR

Keeps its promise

DURASTAR is the innovation on the wear components market – durable, high quality, productive and reliable. DURASTAR parts are ideally suited to every situation in the field where your machines are subjected to demanding conditions. That is because DURASTAR parts deliver what they promise.

- Soil conditions that cause above average wear.
- Parts designed to withstand high stress on contractors' machinery and machinery ring equipment.

DURASTAR PLUS

Toughest jobs without limits

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. Excellent performance combined with the highest possible wear resistance is what you get with DURASTAR PLUS parts from PÖTTINGER. Major operations, contractors and farms with extremely high wear conditions – the DURASTAR PLUS line meets all your challenges effortlessly.

- Soil conditions that cause extreme wear.
- Designed for the toughest jobs for large farms and contractors.

CLASSIC

SYNKRO point

Stubble cultivator





Proven on all types of soil

The CLASSIC line point is secured with two bolts and offers a tapered leading edge. As a result the point enters reliably underneath the root balls of weeds and volunteers.

1 V-shaped leading edge

- Good soil entry performance (even in really hard ground).
- Low draft.

2 High versatility

- The shallow alignment of the point enables minimal difference in angle compared to the wings, which remains the same even if the point is worn.
- Shallow working depth between 1.96 inch / 5 cm to 11.81 inch / 30 cm is possible.
- Consistent tillage performance.

3 Easy adjustment of point angle

- Shallow angle:
 - + Low power requirement saves on fuel costs.
 - + No rough or wet clods are ejected upwards.
- Steep angle:
 - + Aggressive penetration in hard soil conditions.

4 Double mounting

- Tines are mounted with two bolts.
- Secured in position.
- Thanks to the double mounting there is no risk of losing the point even in really tough soil conditions.

5 Optimised point geometry

- 15 mm material thickness at the leading edge.
- Higher volume in the area subject to most wear.
- Longer service life.

DURASTAR

SYNKRO point

Stubble cultivator





Testimonial: Johann Pfaffeneder, Amstetten, Austria

"I operate a SYNKRO 3030 stubble cultivator with a knife ring roller on my 148 acres / 60-hectare arable farm. The DURASTAR points and wings on my SYNKRO offer impressive performance and an extended service life. The working quality is excellent, even on my very heavy soil and in dry years. That is why I only use PÖTTINGER Original Parts for my SYNKRO 3030. Original PÖTTINGER spare parts are always available and are optimised especially for my SYNKRO 3030."



Reliable use

The points in the DURASTAR series have been especially developed for working in hard and stony conditions. The zones of the point most subject to wear have been built up with an additional layer of hard wearing material to increase the service life. The basic geometry of the point remains the same though, so that optimum soil penetration is ensured. The result: at least double the service life – even in abrasive and stony operating conditions.

1 Thicker material in the wear zones

- Extended service life.
- Uniform wear, no bottle neck cross section or premature point breakage.

2 Tungsten carbide coating

- Edge protection to retain point geometry.
- Resistant to impact (ideal for hard and/or stony conditions).
- At least double the service life.
- Longer replacement intervals.
- Saves time and money.

3 Easy adjustment of point angle

- Shallow angle:
 - + Low power requirement saves on fuel costs.
 - + No rough or wet clods are ejected upwards.
- Steep angle:
 - + Aggressive penetration in hard soil conditions.

4 Optimum point mounting

■ Point always retains its position.

DURASTAR PLUS

SYNKRO point





Testimonial: Zbigniew Trzaska, PPHU Agro-Piaski, Piaski Sztumskie, Poland

"We have been working with a SYNKRO 4030 NOVA on our 1235 acres / 500 hectare arable farm since 2013. Because we farm on sandy and stony soil, excessive wear to our tillage tools has always been an issue. In 2016, when the new PÖTTINGER DURASTAR PLUS series of spare parts were launched, we immediately fitted the new points and wings to our machine. That was one of the best decisions we have ever made! The durability of the parts has greatly exceeded out expectations. Compared to the CLASSIC points, we now achieve almost 10 times the service life. Performance is really impressive and we not only save operating costs, but also save time by not having to fit replacements."



Outstanding performance

The points in the DURASTAR PLUS series are set at a steeper angle so that they can penetrate the soil even more aggressively in hard conditions. The point is completely encased in hardened metal, which considerably increases its resistance to breakage and wear. That is why this point is ideally suited to working in extremely stony areas and achieves a service life of at least six times longer than the CLASSIC series. Replacement intervals are greatly extended as a result, saving time and costs.

1 Front hardened metal plate has a triangular shape

Consistently hard sharpened edge.

Casing flush with the point surface

- Increased resistance to breakage.
- Ideal for use in stony areas.

3 Hardened metal plates used in wear zones

- At least 6 times longer service life.
- Longer replacement intervals.
- Saves time and money.

4 Reduction in friction wear

- A stepped surface enables soil-to-soil contact that protects the point.
- Reduces smearing of the soil.

5 Bolts are better protected

■ Bolts last longer.

6 Optimised point mounting

■ Point always retains its position.

7 Aggressive angle

■ Optimum penetration in hard soil conditions.

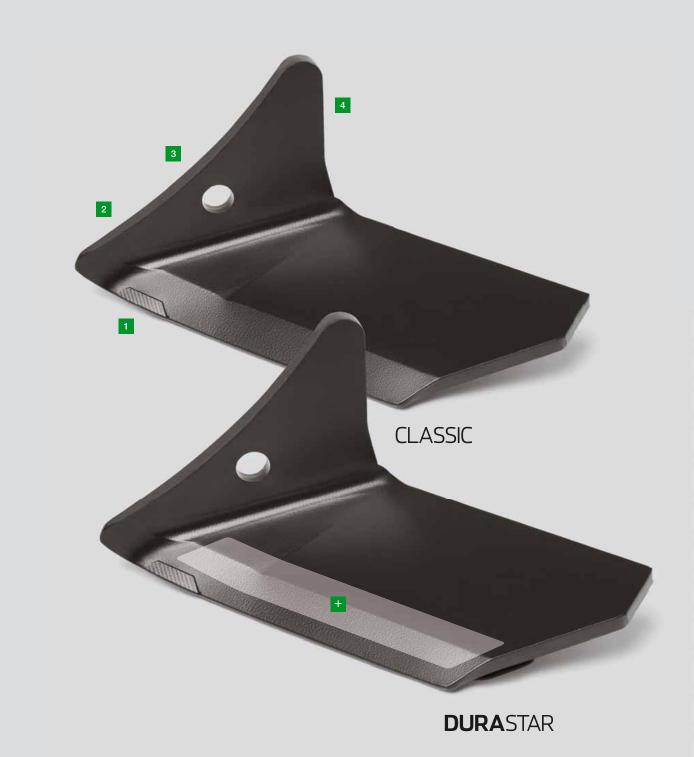
8 Increased material thickness of point base material

- Reduces wear.
- Extends service life.
- Uniform wear parallel to point.

SYNKRO wing

Stubble cultivator





CLASSIC

Flat, full surface soil tillage

The CLASSIC series wings are equipped with a leading edge. As a result they cut into the soil very efficiently and contribute to the low draft of the stubble cultivator. The adjustable wing angle ensures flexibility in the types of soil that are worked and an excellent mixing performance. The CLASSIC wings are well suited to spring and shallow work, protecting the soil from drying out.

1 Cutting edge on wing

- Good soil penetration.
- Low draft.

Position of the wing

- The wing can be set steeper in relation to the point.
- Positive influence on the spreading and incorporation effect near the soil surface.

3 Easy to remove

- Easy to remove because there is only one mounting bolt.
- The fold in the wing is seated perfectly on the leg so once the angle has been set, one bolt is all that is needed to secure it in position.

4 Vary wing angle with two settings for the position of the wing on the leg

- Lower position less aggressive penetration shallow tillage and uniform movement of the soil:
 - + No deep scoring of the points.
 - + No cavities for slug population.
- Upper position more aggressive penetration deep loosening of the soil with the wings cutting right through (up to 5.9 inch / 15 cm).

DURASTAR

Time and cost saving due to extended change intervals

The wings in the DURASTAR series are designed for tough operating conditions and are suitably protected against wear: The wear zone of the point is protected with a tungsten carbide compound. This additional wear layer only adds slightly to the thickness of the material and does not increase the power requirement. However, it does increase the service life by 100%. The result is greatly increased replacement intervals, saving time and costs.

+ Tungsten carbide coating in the wear zone of the cutting edge

- Optimum protection against wear in the zone subjected to the heaviest wear on the underside of the wing.
- Increases service life by 100 % compared to the CLASSIC wing.
- Longer replacement intervals.
- Saves time and money.

LION tine

Power harrow





CLASSIC

Optimum soil cultivation

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

1 A leading edge on both sides for diagonal or aggressive position

- Optimum penetration.
- Tines can be mounted in trailing or agressive position (2in1).
- Flexible use for mulch drilling or conventional seedbed preparation.

2 The steel is pressed into the shape

■ Increases resistance to bending and prevents deformation of tine.

3 Optimised tine mounting

- Secure hold.
- Protects against wear:
 - + Quick-change system can be retrofitted.
- Easy to change angle of tines.

4 Optimised tine geometry

- Optimised path of forces and high resistance to bending:
 - + Wider shape at top ensures high bending resistance.
- Consistent working quality and uniform tilth.
- High driving speed up to 12 kph.
- Extremely stress resistant.

5 Consistent material thickness of 0.70 inch / 18 mm

- Tines cannot bend.
- No breakage on impact with stones.
- Extended service life.

6 Optimised tine cutting angle

■ Perfect balance between power requirement and driving speed as well as reduced wear.

DURASTAR

Extended service life for the highest demands

PÖTTINGER DURASTAR tines increase service life by at least 60 % compared to standard tines. This is enabled by a special tungsten carbide coating to give the tines higher durability.

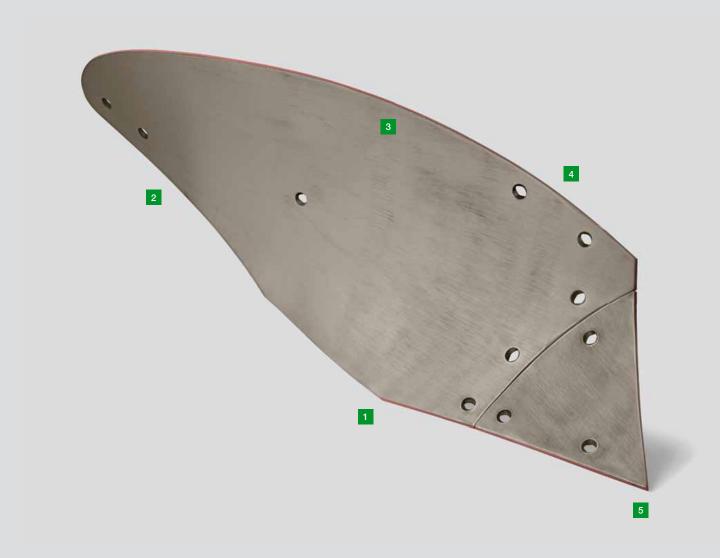
+ Tungsten carbide coating on both sides

- 60 % longer service life.
- Longer replacement intervals.
- Less downtime.

DURASTAR

SERVO mouldboard SERVO share

Plough





Outstanding features

The key challenge for plough body components is to maintain the right balance between extreme hardness for excellent wear resistance and at the same time as providing sufficient elasticity to prevent cracks and breakages. PÖTTINGER solves this challenge with an elastic inner core that acts as a substrate for the super-hard outer layer. That is how PÖTTINGER CLASSIC mould boards withstand wear to their surfaces. Even soils with changing structures and poor flow characteristics can still be perfectly ploughed.

1 Optimised mouldboard shape

- Low draft for hhigher operating speeds and reduced power requirement.
- Wide furrow clearance.
- Ideal for ploughing meadow soils and shallow ploughing.
- Works well across slopes.
- Optimised soil flow reduces sticking.

2 Carborised on both sides

- Super hard, wear resistant outer layer reduced surface wear.
- 20 % longer service life than 3-layer plate.
- Ideal for abrasive sandy and stony soils.

3 Elastic inner core

- Substrate for super hard outer layer.
- Impact resistant:
 - + Avoids premature cracks and breakages.

4 Development and manufacturing competence from a single source

- Ongoing development and optimisation based on feedback from the field.
- Long-term availability.

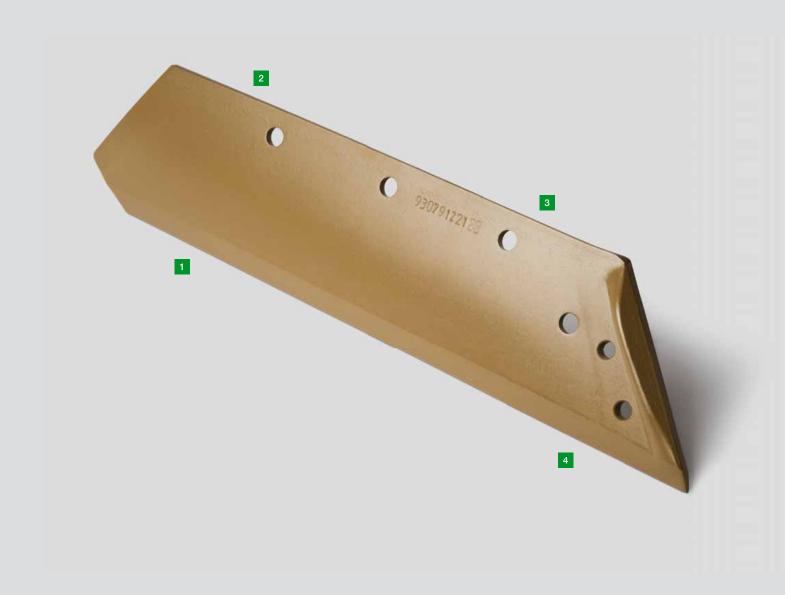
5 Replaceable shins

- Large surface area for longer service life.
- Easy to replace without having to change the whole mouldboard.

CLASSIC

SERVO share

Plough





Consistent penetration

All shares are manufactured from hardened boron steel. The raised section in the main wear zone increases the service life considerably. The 0.43 inch / 11 mm thick shares have a total depth of 5.9 inch / 150 mm. The taper towards the front edge provides a self sharpening effect to ensure consistent penetration of the plough over the long term.

1 Optimised geometry

Self-sharpening effect for the best cutting edge.

2 High quality material

- Soil flows smoothly over the smooth leading side.
- Hardened steel with elastic properties.

3 Versatility

- Wide furrow clearance:
 - + 18" for working width of up to 19.68 inch / 50 cm.

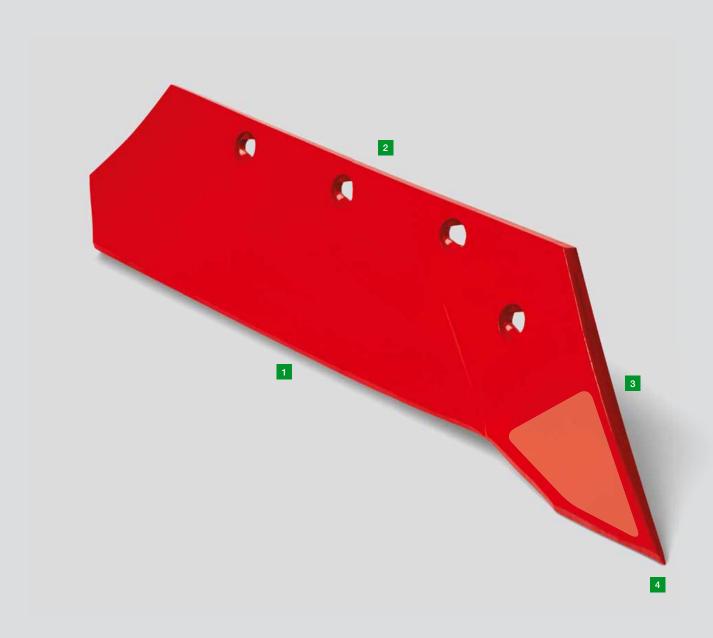
4 Tungsten carbide coating

- Less wear for 60 % more durability.
- Longer replacement intervals less downtime.
- Metallic bond between the armoured layer and the substrate steel:
 - + Resistant to wear even in stony conditions.
 - + Share cannot break away in the case of collision with stones.

DURASTAR

SERVO combined share and point

Plough





Proven combination

Like the plain share, the combined share and point is also made from hardened boron steel. Single-piece combined shares and points are designed for heavy duty wear resistance. They ensure reliable penetration and are especially suitable for stony soil and shallow ploughing.

1 High quality material

- Hardened boron steel.
- 0.43 inch / 11 mm thick for an extended service life.

2 Versatility

- Perfect for stony and sticky soils.
- Ideal for shallow ploughing.

3 Integrated wear part

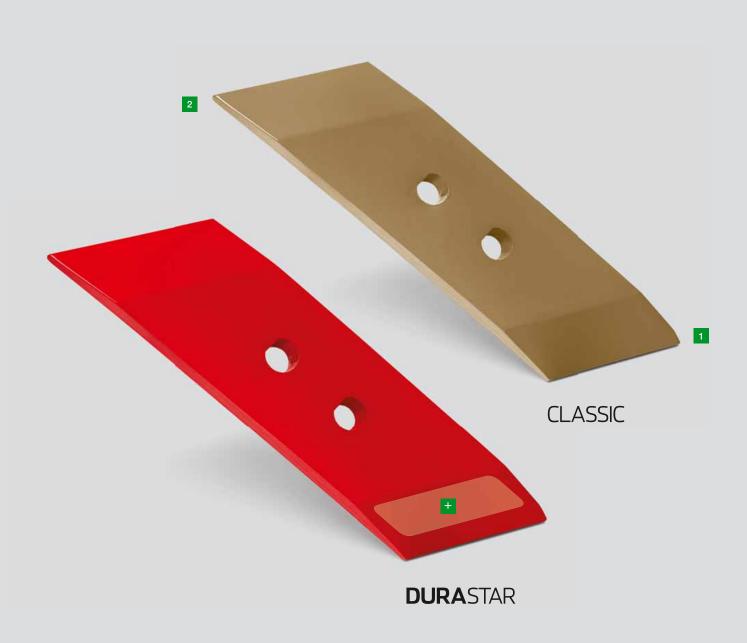
- The combined share and point brings the two components together to form a single wear part (2in1 solution).
- Tungsten carbide coating on the rear side.

4 Optimised position of the point

- Angle of point fixed by share geometry:
 - + Reliable penetration.
- Smooth transition between point and share:
 - + Stones remain in the soil without being dislodged.
 - + Excellent soil flow characteristics ideal for difficult soils.

SERVO reversible point

Plough





CLASSIC

Effective and proven

The reversible points in the CLASSIC series offer excellent value for money. These reversible points are the perfect choice for farms with uncomplicated soil conditions.

1 Optimised point geometry

■ Ideal for sandy and stony soils.

2 Points can be reversed

- Use both ends of the point.
- Optimum utilisation of wear material.
- Extends service life.
- Longer replacement intervals.
- Higher hectare performance.
- Point can be replaced on its own, no need to change the whole share.
- More cost effective with reduced wear costs.

DURASTAR

Increased wear resistance

The tungsten carbide coating on the underside of our DURASTAR plough points reduces wear, increases performance and delivers greatly increased replacement intervals. Because the points can be reversed it is possible to use both sides, which ensures optimum utilisation of the material and leads to a longer service life. The armouring on these reversible DURASTAR points therefore extends their service life by around 50 %.

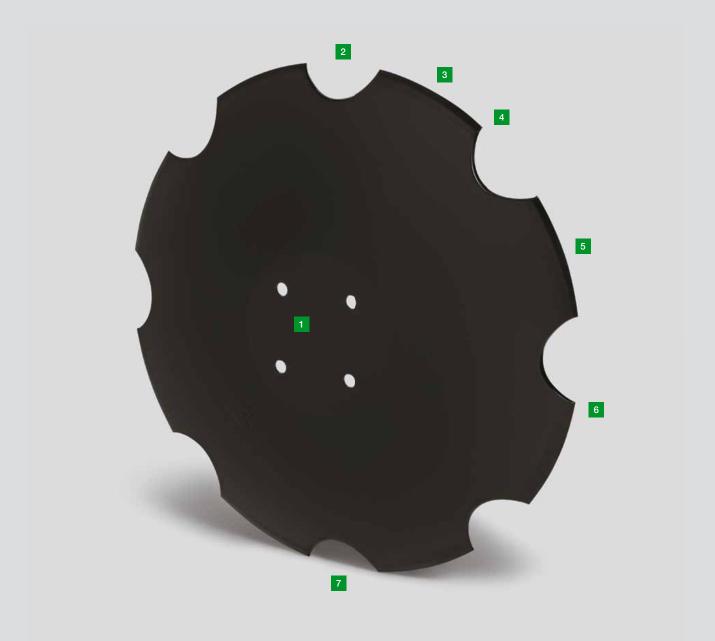
+ Tungsten carbide coating on underside

- Much less wear.
- Longer replacement intervals higher performance.

CLASSIC

TERRADISC disc

Disc harrow





Testimonial: Flemming Hansen, Toftlund, Denmark

"The aggressive disc angle guarantees that I can really dig into the soil. The high output of the 19.68 foot / 6-metre machine with the blockage-free and intensive mixing effect of the concave discs ensures perfect working results."



Designed down to the details

A uniform surface finish with the best mixing performance meets farmer's and contractor's expectations in the field. To achieve this, PÖTTINGER has optimised the geometry, size, mounting angle and penetration angle of the discs. The result: Low draft, perfect ground penetration, best tilth and mixing effect.

1 Optimised disc mounting system

- Wide lateral support: excellent absorption of forces acting sideways
- Flat surface mounting of hub to disc
 - + Optimised secure fit of disc to hub.
 - + Easily replaced thanks to a perfect fit.

Disc mounting bolts are positioned in a wear neutral zone.

- + Strong hold even in dry and stony soil.
- + Bolts cannot work loose.

2 High quality material

■ Hardened steel with elastic properties: Discs cannot break away on collision with stones.

3 Large disc diameter

■ Long service life with extended replacement intervals.

4 Perfect cutting angle

■ Optimised ratio between draft and tillage performance.

5 Optimised disc design with ten scallops

- Universal operation.
- Driving speed up to 15 kph.
- Optimum incorporation despite large disc diameter.

6 Self-sharpening scallop edges

■ Ensures perfect penetration into the soil.

7 Improved freedom of rotation

- Aggressive performance and better incorporation.
- Produces fine tilth.
- No smearing of subsoil.

DURASTAR

JUMBO knive

Loader wagon





Designed for professional use

PÖTTINGER DURASTAR quality loader wagon knives are designed to deliver the highest performance. Increased outputs require a corresponding increase in service life of the knives to ensure efficient operation. A loader wagon knife needs to be able to fulfil several aspects: The special knife blade and shape ensure a consistently smooth cut with self-sharpening characteristics for high chopping quality. With a material thickness of 0.23 inch / 6 mm and plenty of cutting edge to allow for resharpening, this knife is designed for heavy duty applications.

1 Patented PÖTTINGER knife protection system

- Triggering force of > 3086 lbs / 1.400 kg per knife.
- Reinforced knife mounting points for secure hold in all conditions.
- Huge reduction in knife breakages.

2 Special knife edge profile and shape

- Self-sharpening effect.
- Consistently smooth cut lower fuel consumption.
- Perfect chopping quality.
- Increased cost effectiveness.

3 Tungsten carbide coating

- Hard and wear-resistant chopping area.
- Longer service life.

4 High quality material

- Special steel for maximum performance:
 - + The steel selected for this task has the hardness and wear-resistant properties of spring steel combined with the strength of boron steel to prevent cracking.
- High hardness rating of 50-53 HRC for high strength.
- 6 mm thick (compared to CLASSIC at 0.19 inch / 5 mm):
 - + Extended service life.
 - + Perfect match for high outputs.
- Much lower risk of knife breakage.

5 Deep knife spine

■ Unrestricted dmovement of knife when tripping.

DURASTAR

Pick-up tine

Loader wagon





For extreme demands

Pick-up tines in the DURASTAR series feature thicker material and greater rigidity. They are ideal for handling very high forage densities, high mechanical stress and conditions where the pick-up is frequently in direct contact with the ground.

1 Thicker material

- 0.22 inch / 5.6 mm and 0.24 inch / 6.3 mm instead of 0.20 inch / 5.3 mm and 0.22 inch / 5.6 mm as standard.
- Increased rigidity.
- Less bending of tines.
- Fewer tine breakages.
- 50 % longer service life.

2 High flexibility - ideal for

- Very large and heavy quantities of forage.
- Applications with high mechanical stress (e.g. in very stony areas).
- Situations where the pick-up is in frequent contact with the ground.

Technology

PÖTTINGER declares war on wear

The wear that occurs during the operation of farm machinery depends on many factors. Especially in soil preparation, wear plays a central role. The characteristics of the soil, working speed and working depth determine the rate of wear to a large extent. As the effects of wear increase, so does the change in geometry of the tillage tools. These changes not only effect the working depth, but also the cutting angle and the penetration of the implement. Poorer working quality and increased power requirement plus higher diesel consumption are the result. Loads of reasons, why you need to fight wear now! Thats exactly what we are doing at PÖTTINGER.

Our innovative technologies and processes to reduce wear

Carburising

Carburising is a process during the heat treatment of steel. The steel is heated to a temperature of around 960 degrees Celsius and the surface of the steel is enriched with carbon. Afterwards the outside of the steel is harder and more resistant to wear. The core, however, remains flexible. This prevents fractures and cracks from occurring when the material is subjected to stress.



Deposition welding (armouring) with tungsten carbide weld filler

Tillage tools (such as plough shares) are thermally coated. This involves hard tungsten carbide particles becoming embedded in the surface of the softer steel substrate material. The process produces a very good layer of wear protection. Nothing changes regarding the cut and entry angle of the wear part. The effective hard layer applied to the side facing the direction of travel increases the service life, but not the draft. The smooth upper surface still ensures that the soil flows across effective this process has the advantage of a self-sharpening effect on the cutting edge of the wear part. We use deposition welding technology (also known as armouring) especially in areas where a reduction in edge wear has priority, such as on our DURASTAR cultivator points and wings, DURASTAR reversible points and DURASTAR mould boards.

Tungsten carbide coating

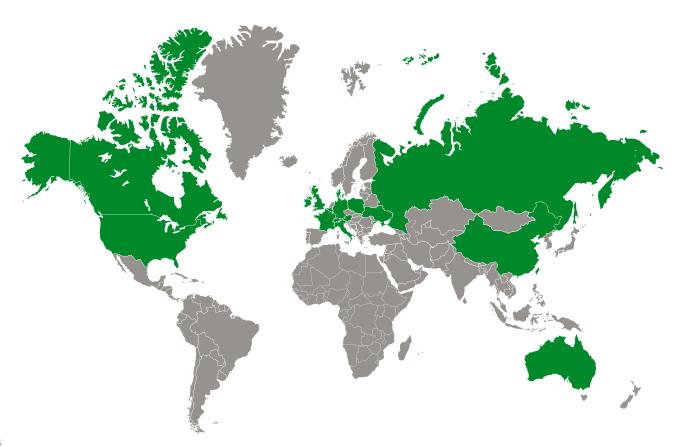
Tungsten carbide is formed by the reduction of tungsten oxide and carbon. It is extremely hard and offers excellent durability in abrasive operating conditions. The tungsten carbide coating guarantees the exceptional toughness of PÖTTINGER wear parts. At PÖTTINGER we protect components such as DURASTAR power harrow tines and DURASTAR scrapers on packer rollers by applying a tungsten carbide coating.

Spare parts supply

Your service in the field

Proximity to our customers is important to us. The basis for our worldwide spare parts logistics is the new international spare parts logistics centre in Taufkirchen (Austria) with more than 50,000 different articles in stock. We also operate 16 spare parts warehouses in Denmark, Germany (2), France, Great Britain, Ireland, Italy, Canada (2), Poland, Russia, Ukraine, USA (2), China and Australia. Moreover, in addition to machinery, the PÖTTINGER network of dealerships in more than 60 countries all over the world supply high quality original spare parts: Our dealerships have a comprehensive stock of spare parts on their premises. This means that you will receive the available spare parts directly from the dealership's stores. Any parts that are not available are sent by express delivery from our regional or central stores. We can guarantee a reliable supply of spare parts, a service it is good to know you can rely on during the season.

PÖTTINGER spare parts locations worldwide





Professional advice

With our spare parts partners you always have a professional and reliable go-to person at your side. They will be pleased to help you select parts, handle your order and professionally fit the spare parts to your machine.

24/7 ordering

Spare parts are easily ordered using our online PartnerPortal. All dealerships have the capability to check availability and prices on line and submit orders 24 hours a day, 7 days a week. Parts that are in stock and ordered during the season by 5 pm local time will be dispatched from our stores the same day.

Fast and reliable

Using the consignment tracking system on our PartnerPortal, our service partners always know where your parts are. Long-term partnerships with our transport providers ensure that the goods you ordered will arrive quickly and on time. A wide range of delivery methods ensure an optimum supply of original spare parts from PÖTTINGER:

- Pick up parts from a PÖTTINGER location near you.
- Same-day express.
- Overnight express.

The quick way to the right spare part

You own a PÖTTINGER machine for which you need the right spare parts and wear parts? No problem! Simply pass the machine number to your dealership and using the PÖTTINGER spare parts catalogue 'PÖTDOC' with the machine number, they will immediately be able to find the parts that were actually fitted to your machine at the time of shipment. This guarantees that the correct spare parts are ordered. Unique in the agricultural technology sector, this system leads to a considerable improvement in quality in supplying spare parts. This unique system yet again underlines the importance of service quality at PÖTTINGER.





Your machine goes online.

All the information on your machine easily – anytime – anywhere

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

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



R POTTINGER Original Parts

PÖTTINGER Spare parts service

- Worldwide network of sales and service partners.
- Decades of spare and wear parts availability.
- Original PÖTTINGER parts can be ordered online around the clock.

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