

ALPIN technology  
mowers / tedders /  
rakes & mergers / loader wagons

 **PÖTTINGER**

# Forage harvesting at the highest level





## Forage harvesting at the highest level




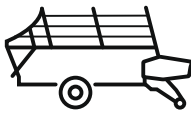


# ALPIN

## mowers / tedders / rakes & mergers / loader wagons

PÖTTINGER sticks to its roots. As a company based in Austria, we have always given alpine farming technology a high profile. We offer machines that are custom built for the special requirements of alpine farms. Because mountainous terrain places high demands on technology when it comes to harvesting the best quality basic ration. At PÖTTINGER, we also focus on the best ground tracking and maximum forage conservation with our light ALPIN range of machines that are designed to work on steep inclines.

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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.



# Tradition and haymaking in the Alps



## Tradition and haymaking in the Alps

Steep slopes, uneven terrain and huge differences in elevation; these are the operating conditions that we at PÖTTINGER know best. Austria is not only home to a large share of the Alps, it is also the home of PÖTTINGER.

Grassland harvesting in alpine terrain has different requirements to working on the flat. Whereas in the past it was a matter of mechanising processes, today weight reduction and suitability for working on steep terrain have to be combined with high output, forage conservation and operating convenience. A steep curve of achievements that PÖTTINGER has been working on for decades together with farmers in the Alpine region.

## Roots in the Alps, at home throughout the world

Pioneering developments in steep terrain mechanisation have been milestones in PÖTTINGER's success story.

The legendary conveyor rake revolutionised haymaking in the mountains in 1960. The self-propelled machine for extreme slopes was the first machine to do away with the farmers' arduous work of using a hay fork and lifting bales. To this day, some of these machines are still in use on steep slopes in western Austria and Switzerland.

Today, PÖTTINGER is a leading international manufacturer of agricultural machinery for grassland and arable farming. Nevertheless, we remain true to our roots and include in our constantly growing product range intelligent and purpose-built solutions for the specific requirements of alpine farmers.



# ALPIN

mowers / tedders / rakes & mergers / loader wagons



## Forage harvesting at the highest level

PÖTTINGER's Alpin range of steep terrain machines focuses on clean and gentle forage harvesting. That is because the production of high quality basic ration from mountainside pastures is the basis of every alpine grassland farm.

While this applies to all grassland farms, it is hay milk farms in particular that appreciate the quality of freshly harvested forage due to the limited amount of concentrates needed.

The best possible ground tracking for the lowest crude ash ingress and avoiding damage to the sward, low disintegration losses to conserve valuable plant nutrients and precision operation without wasting time. That is what the ALPIN range of machines from PÖTTINGER stands for, providing the basis for the success and well-being of your dairy cattle.

## Alpine product range

At PÖTTINGER we see ourselves as your reliable partner in alpine grassland farming. With our extensive product range, we cover the entire harvest process from mowing to loading:

- Disc mowers
- Tedder
- Rotary rakes
- Merger
- Loader wagons with tine conveyors

# The best forage



## The basis for clean forage

A mowing process that conserves the grass is the best basis for clean forage. Ultimately, this is about maintaining the correct cutting height of 5-7 cm. That is how crude ash ingress is reduced to a minimum right from the start of the harvest chain. Subsequent harvesting machines then do not have to work so close to the ground to collect all the forage. The crop remains clean. At the same time, sufficient residual assimilation area remains for the grass to sprout again more quickly.

If the ground is not level, it is essential that the mower can adapt well to any bumps.

With our NOVACAT F ALPIN mowers you set the basis for clean forage thanks to their unique ground tracking and the excellent cutting quality – as well as rapid plant growth.

## Leave nothing behind

The harvesting process - especially tedding - always applies mechanical stress to the forage. Depending on the rate of wilting, there is a greater or lesser risk of losing valuable organic nutrients through disintegration losses in the field. The drier the forage, the higher the risk. That is why forage conservation is the be-all and end-all.

With our HIT V ALPIN tedders, you can reduce the risk of disintegration losses to a minimum thanks to the small diameter of the rotors in combination with matched rotor speeds. The optional MULTITAST jockey wheel system delivers ideal ground tracking and prevents dirt ingress in the forage.



# ALPIN

## mowers / tedders / rakes & mergers / loader wagons



### Only the best goes into the swath

During raking, it is a matter of getting all the forage lying in the field into a line. But only the forage.

Raking and collection losses must be kept to a minimum so that the full potential of nutrients can end up at the feed barrier. At the same time, dirt ingress needs to be avoided. This is because forage contamination has a doubly negative effect in terms of supplying nutrients to livestock:

- Lower forage value
- Lower forage intake by the livestock

PÖTTINGER offers you the choice between rotary rakes and belt mergers to handle forage cleanly and tidily in alpine terrain.

### Collect everything, as long as it's clean

The final link in the harvesting chain is the loading process. This is where the loader wagon needs to bring the forage back to the farm clean and without losses. With the BOSS loader wagon, the forage is picked up without problems even in alpine terrain.

Due to the adaptability and precise ground tracking of the pick-up on the BOSS, the forage is picked up cleanly on slopes and fed into the chopping system by conveyor tines.

The dry forage extension controls the overall height of the loader wagon so it can be driven into low clearance buildings for unloading.

# Front mounted mowers



## Performance on slopes

Slope ready and reliable, PÖTTINGER developed its ALPIN mowers to meet these requirements back in 2003 and has continued their development ever since.

In alpine terrain, every kilogram of weight that can be saved is just as important as the compactness of the machine. For best driving stability on steep inclines, the centre of gravity must be as close as possible to the tractor.

NOVACAT F ALPIN mowers are the lightest in their class. They are available with working widths of 2.20 / 2.62 / 3.04 metres. Our engineers have succeeded in keeping the weight to just 400 / 450 / 490 kg.

## Clean and tidy cut

What counts is consistent mowing performance, whether on the level or on a steep incline. By slicing through assimilating parts of a plant during forage harvesting, the plant is subjected to considerable injury. Through its wounds, the plant loses water containing dissolved nutrients.

The faster the cut heals, the lower the losses. The plant will soon be able to focus on growing and forming leaf mass again. Rapid growth of the crop after harvest lays the foundation for high annual yields per hectare.

## PÖTTINGER cutter bars for quality made in Austria

These cutter bars – proven thousands of times in the field – are the heart of every disc mower made by PÖTTINGER, including the NOVACAT F ALPIN. The sole responsibility of the cutter bar is to ensure a clean cut. These cutter bars are developed and built at our headquarters in Grieskirchen and are quality products made in Austria.



# NOVACAT F ALPIN



## Durability

When harvesting forage, what counts is sturdy machinery you can depend on. Especially in alpine regions, harvest windows are particularly short and valuable. During harvesting there must be no breakdowns or downtime, because the next rainfall is on the horizon.

At PÖTTINGER we use only high quality components in the manufacture of our mowers. The sturdy construction makes our disc mowers unique in their reliability. So that you can begin every forage harvest trouble free for years to come.

## Machines that retain their value

High quality cathodic dip priming and powder coating guarantee elasticity and durability. Featuring eye-catching colours and a modern design, you are sure to enjoy working with these machines that retain their value.

## Convenience

What you enjoy, you do well. That's why using machinery that makes the work enjoyable is all the more important. At PÖTTINGER, we therefore place great importance on convenient operation and above all straightforward maintenance.

Our engineers have made sure that you can keep your mowing machines in peak condition with a minimum of effort. Easily accessible greasing points and easy cleaning allow you to make efficient use of harvest time, which is often very short.

# Front mounted mowers



## Sleek and dynamic design

The PÖTTINGER cutter bar features an impressively sleek and dynamic design. The 4 cm high cutter bar guarantees optimum crop flow. And because it is only 28 cm wide, it delivers the best ground tracking – ideal for achieving a first class cut.

The streamlined leading edge of the cutter bar allows the soil to flow underneath, separating it cleanly from the crop.

Cleaning paddles prevent dirt from accumulating on the upper surface. The rounded disc surfaces improve the conveyor effect across the cutter bar.

## Clamped mower blades

The clamped mower blades create a tidy mowing pattern. They rotate very close to the surface of the cutter bar and the counter knife. This guarantees clean and tidy cutting even in damp and muddy conditions.

The blades are locked securely in place by powerful spring clips. What is more, they are easy to change. The blade pin is bolted to the mower disc. and can be inexpensively replaced if need be.

The counter knife is also clamped in place, so it is easy to replace.

- 1 Integrated cleaning paddles
- 2 Clamped blade
- 3 Clamped counter knife



# NOVACAT F ALPIN



## Overlapping knife arc

The optimised overlap of blade paths ensures a clean and uniform mowing pattern.

On NOVACAT F ALPIN models, all mower discs rotate inward as standard. This guides the flow of forage over the cutter bar and ensures reliability even when mowing downhill on extremely steep terrain.



## Welded construction

The key to the cutter bar's compact and sleek design, and all its advantages, is its precision-welded construction. This guarantees supreme robustness while maintaining compactness.

Another advantage of the welded cutter bar is that the gear oil remains permanently where it should be; in the gearbox. Even after years of use, the cutter bar remains tight, so there are no oil leaks.



## Feed cones

The optional feed cones for the mower discs promote the flow of forage due to their aggressive shape. In addition, swath doors can be fitted.

## Feed drum

Feed drums, in combination with the inward rotation of the mower discs, ensure good swath placement and clean track clearing. The tractor can then drive along a cleared track instead of along the edge of the swath.



## Glide bars

Wide skids made from hardened boron steel to resist impact and prevent the build-up of soil. Because the underside of the cutter bar is smooth with contoured glide bars inside and outside, it protects the sward even when cornering.

## High cut skids

Optional high-cut skids can be mounted to increase the cutting height from 50 to 120 mm. Their large radius and wide surface area make them especially wear resistant.

- High cut skid + 20 mm, the universal skid especially for stony soil
- High cut skid + 40 mm, especially for whole crop
- High cut skids also for both outer glide bars

# Front mounted mowers



## Low weight and high strength in perfect unison

The key feature of NOVACAT F ALPIN mowers is the integration of the drive train into the frame. The input gearbox is located in the main frame of the mower. Thanks to this unique design, the construction of the entire machine is shortened. The centre of gravity is only 350 mm in front of the mounting frame.

Two diagonal support arms mounted behind the outer mowing drums carry the cutter bar. They extend the main frame so that the frame itself is narrower. This saves weight while maintaining a robust construction.

## Robust drive train

The friction-locked driveline is protected within the frame. It guarantees reliable power transmission and is able to handle ever-increasing tractor power. It can be easily greased through maintenance ports.

As you would expect from our NOVACAT disc mowers, the driveline passes down the axis of the first drum. A maintenance-free constant velocity joint ensures a stress-free connection.

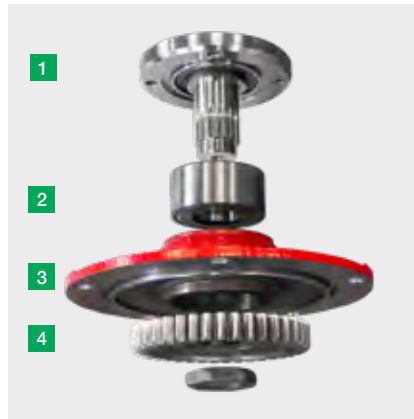




## The driveline for every application

The input gearbox is available as 540 and 1000 rpm versions. By turning the gearbox over, left or right rotation is possible.

Overload protection is integrated into the input PTO shaft. The freewheel is located in the side gearbox.



## TRI DRIVE concept

The spur gear driveline runs in a straight path inside the cutter bar with virtually the same sized gears. On the gears there are always three teeth in contact with each other – this ensures optimum power transmission. Moreover, there is less stress on the individual gears in the event of stone impact. The specially polished surface of the gears submerged in gear oil ensures smooth running. This reduces the noise level considerably.

The gears are arranged as standard so that the mower discs rotate towards the centre.

## Heavy-duty bearings

The stub shafts of the individual mower drums have heavy-duty bearings. Durable, twin race taper bearings with a bearing spacing of 60 mm are extremely stress-resistant. Shock loads are absorbed effortlessly.

## Bolted stub shafts

The high-strength stub shafts are bolted to the gears. Each of the parts can easily be replaced if required.

- 1 Shaft stub
- 2 Taper bearing
- 3 Bearing flange
- 4 Spur pinion

## Practical modular design

Bevel gears and bearings can be removed as a single unit. The idler gears are also easily removed through the openings: it couldn't be easier!

The bearing flange and fittings are reliably protected by rubber o-ring seals. This prevents dirt or dust from entering the gearbox. It also avoids oil leakage.



# Front mounted mowers



The guards fold well and easily away to provide optimum access to the cutter bar from all sides. Similar to an engine hood, the NOVACAT F ALPIN guard can be opened in a single movement. Powerful gas pressure dampers provide assistance and hold the guard in the open position. Blades can be changed quickly and easily.



## Blade changing in record time

The PÖTTINGER quick-change blade system makes replacing mower blades straightforward and simple. Just press down the spring clip with the blade wrench and replace the blade.

A handy blade box on the headstock provides space for replacement blades. The blade tool is always kept on the mower.

The blade is locked securely in place by the spring clip.



## Perfect overview

The low headstock and the tarpaulin guard sloping outwards guarantee the best possible view, even from low tractors. Because the drive train is integrated into the main frame, this does not obstruct the forward view either.

For safe road transport, the side guards are folded upwards. Hydraulic folding is available if required. Warning signs and road lights are optional.



# NOVACAT F ALPIN



## Compact and versatile design

Depending on the tractor being used, you can choose between Cat. 1 and Cat. 2 mountings. In addition, the positions for the top link and lower linkage can be flexibly adapted to the tractor hitch geometry. The lower linkage pins are individually adjustable in height and horizontal distance from the cutter bar. The top link can be mounted in four positions. This guarantees that you can mount the mower as close as possible to any type of tractor.

## Hydraulic lateral displacement system

Available as an option, the cutter bar can be shifted from side to side  $\pm 200$  mm. This means that the tractor does not run over any forage, even with dual wheels.

One double-acting spool valve is needed to operate the side shift system.



## Ground tracking

NOVACAT F ALPIN front mowers are attached to mid-mounts at the tractor's centre of gravity. Centre-mounted leaf springs provide a freedom of movement of  $\pm 8$  degrees. The cutter bar is stabilised by a push/pull strut during lifting. This prevents the unit from swaying. This makes it easier to drive over swaths and optionally offers greater stability during transport. During operation, it applies minimum pressure on the ground, which guarantees perfect ground tracking.

## Weight alleviation

The weight of the mower is carried either by the tractor hitch, or optionally by two strong suspension springs between the headstock of the mower and the mounting bracket on the tractor.

The chain length can be used to quickly optimise ground pressure. Ideally, this is approx. 150 kg.



## Neat spreading work

Regardless of whether you are tedding silage or hay, with the HIT V ALPIN you ensure your crop is conserved while wilting or drying.

If you harvest during the phase when the buds or panicles are forming, the crop has a dry matter content of around 20 %. In order for the crop to be stored properly, this must still be raised to a greater or lesser extent depending on the storage method. For best storage stability, none of the forage should be wet. At the same time, it is important to keep disintegration losses and possible dirt ingress into the forage to a minimum.

The lightweight DYNATECH rotor unit is the heart of every HIT V ALPIN tedder. The engineered geometry of the tine carriers, a small rotor diameter and the offset length of the tine legs make DYNATECH unbeatable in delivering tedding work that is four times cleaner:

- Cleanly collected crop: nothing is left untouched
- Clean forage: minimum crude ash ingress
- Neat spread pattern: uniform distribution of the forage
- Clean machine: rotors remain free of forage

## Best ground tracking

For clean and tidy spreading work, the tines must reach all the forage. This is the only way to ensure uniform drying of the crop. At the same time, dirt ingress needs to be avoided. This is because forage contamination has a doubly negative effect in terms of supplying nutrients to livestock:

- Valuable nutrients in the forage are diluted
- Lower forage intake by the livestock

Harvesting machines therefore need to work as close to the ground as possible without scraping. If the field is not level, special attention must be paid to ground tracking of the machinery.

Precision ground tracking by the jockey wheels, floating frame sections and the small diameter of the rotors guarantee that HIT V ALPIN tedders deliver minimum dirt ingress and a uniform spread pattern.





## Slope ready

Alpine terrain sets its own rules. Steep and often bumpy ground plays a particularly challenging role here, both in terms of work safety and work quality.

Sturdy machines are a prerequisite for protecting the operator, the machine, and the sward.

All our HIT V ALPIN linkage-mounted tedders feature a compact design. The short three-point headstock places the centre of gravity very close to the tractor, which contributes to the sturdiness of the machine. It also enhances safety during operation, even when the machines are raised at the headland.

## Durable

Our HIT V ALPIN tedders are real lightweights. But despite the low weight of these machines, PÖTTINGER places great emphasis on durability.

The pressed profile frame and spring steel tine carriers reduce weight while guaranteeing maximum strength. The rotor dishes are made of high strength components with precise placement for the tine arms. In addition, the tine arms are also bolted to the rotor hubs to ensure an extremely secure mounting.

The drive train on our HIT V ALPIN tedders is equipped with sealed constant velocity joints. These ensure consistent, smooth, backlash free drive to the rotors. There is zero backlash from the innermost to the outermost rotor.

All joints can be rotated in any position. This eliminates the risk of operator errors.

The bevel gearboxes feature large gears and bearings. The closed angular gearboxes are equipped with a greasing system. Oil loss is therefore not possible.



# Tedder



## Swept shape tine arms – smooth running, gentle, conserves the forage

The trademark of the DYNATECH rotor unit is the dynamic, sweeping shape of the tine arms. Thanks to this geometry, the tines are guided dynamically through the crop. As a result forage is collected easily and more gently with straight tines and disintegration losses are minimised.

In addition, the sweeping effect protects the sward. If the tines do contact the ground, they are guided in such a way that they have a much gentler effect on the sward and the machine.

The swept shape of the tine arms also prevents forage from building up and wrapping around the rotors. The big advantage being the machine stays clean.

## Optimum rotor diameter

The lightweight DYNATECH rotor unit on the HIT V ALPIN not only has impressive tine arm geometry, it also has small diameter rotors. The rotors with a diameter of 1.38 m and five tine arms deliver unbeatable working results, because:

- Small rotors adapt ideally to bumpy ground and reduce the amount of crude ash entering the forage.
- They pick up smaller portions of crop, resulting in neater forage handling.
- You do not have to spread the forage so widely, which results in an exact spread pattern with homogeneous lateral distribution.
- They can be operated at lower speeds because they do not have to spread the forage as far. That is how disintegration losses can be avoided.

## Easy spreading angle adjustment

The rotors can be moved into three positions. Using this system you can easily adapt the rotors to the forage conditions.





## Different length tines

PÖTTINGER tines feature legs with different lengths. These have the decisive advantage that both legs are at the same distance from the ground. As a result, the tine unit picks up the forage cleanly and evenly from the ground. The inner tine leg does not scrape the ground and therefore does not contaminate the crop. The outer tine leg picks up the forage earlier and stays at ground level longer, improving the overlap of two adjacent rotors.



## MULTITAST jockey wheel

The optional jockey wheel on the pivoting headstock tracks the ground immediately in front of the tine path and responds to each undulation. The ideal gap between the tines and the ground is maintained. That is how the forage remains clean and the sward is protected. The MULTITAST jockey wheel is adjusted without the need for tools to set the required working height. The top link connects to the slotted hole on the headstock. On the road, the transport lock on the slotted hole enhances safety.

## Centre of gravity close to tractor

Thanks to the compact headstock, the centre of gravity of the tedder is always close to the tractor, both in the working position and at the headland.

When the machine is lifted at the headland, the tedder first lowers slightly inside the linear guide (slotted hole), so its centre of gravity shifts even closer to the tractor in the headland position.

## Compact and safe during transport

The tedders have a compact transport position. The hydraulic rotor folding system provides convenient operation from the tractor seat.

The raised rotors are tilted close to the tractor. This provides an optimum centre of gravity.

Warning signs and road lights are optional.

# Tedder



The two HIT V ALPIN models with four rotors are absolute lightweights. Depending on the model, the tedder with a rigid headstock weighs just 320 kg. With a pivoting headstock, it is only 390 kg. Both tedders achieve a working width (DIN) of 4.20 m.



## Pivoting headstock

Thanks to the pivoting headstock with ball eye in combination with a linear guide and two standard hydraulic centring cylinders, the machine follows the tractor precisely. Smooth tracking of the rotors is guaranteed without them swaying or overrunning when driving downhill. When the machine is lifted at the headland, the tedder first lowers slightly inside the linear guide (slotted hole), so the two hydraulic centring cylinders can retract as far as they will go, and the tedder gently settles into the central position.



## Rigid headstock

The HIT V 4240 ALPIN has a rigid headstock. This places the machine extremely close to the tractor. In addition, its simple design ensures yet another reduction in weight. This further improves performance on steep slopes.





The primary focus of the HIT V 6260 ALPIN is its lightweight design and perfect ground tracking. Weighing in at just 530 kg, it has a working width (DIN) of 6.20 m and is a powerful lightweight. The HIT V 6260 ALPIN is equipped with a pivoting headstock as standard. At the headland, the HYDROLIFT system ensure plenty of ground clearance.



## Mechanical fenceline tedding system

Both the HIT V 4240 and V 6260 ALPIN are equipped with a mechanical fenceline tedding system as standard.

The wheels on each rotor are set individually by hand: Lever positions are set at either, centre, left or right.



## HYDROLIFT

On the HIT V 6260 ALPIN, you get high ground clearance at the headland thanks to HYDROLIFT. This lifts the outer pairs of rotors into a limit position when the spool valve is briefly actuated.



# Rake



## Clean and tidy raking work

Raking has a decisive influence at the end of the harvest chain on how clean the forage remains.

With the ALPINTOP we guarantee the forage stays clean, even in the most difficult conditions. Our rake always rakes precisely with low crop volumes or with heavy, wet forage.

For complete and contamination-free collection of the crop, the perfect contour tracking thanks to the MULTITAST jockey wheel and the long, angled tines function as a perfectly coordinated system on the ALPINTOP.

## PÖTTINGER tines

The shape and length of the individual tines have a major influence on protecting the forage and keeping it clean during raking. PÖTTINGER tines have decades of proven performance behind them.

They are angled forward in a dynamic position. Due to this shape, they actively lift the forage away from the ground like a pitchfork. As more forage is collected, it rides up the tine unhindered. As a result, the forage is not dragged over the ground along the entire arc of the raking action. Dirt ingress and disintegration losses are minimised.

The special feature of the PÖTTINGER tines is that they pass just above the ground directly below the tine carrier at only a slight angle. This means that they do not lift upwards to avoid high volumes of forage. They pick up the crop cleanly even in difficult conditions.





## Slope ready

Developed especially for working in the mountains, this rake is exceptionally smooth running. Thanks to its lightweight design and open cam track control system, it weighs in at just 280 kg. The short headstock also places the centre of gravity of the machine close to the tractor.

This robust lightweight is designed for front or rear mounting on twin axle mowers, mountain tractors or light tractors and has a working width of 3.0 metres.

# Rake



## The decisive level of a few millimetres

PÖTTINGER has been offering the MULTITAST feeler wheel system on rakes for over three decades. The most important objective is to produce clean forage for healthy, high-yield animals. At the same time you conserve the sward.

### PÖTTINGER MULTITAST jockey wheel

The MULTITAST wheel tracks the ground immediately in front of the tines and responds to each undulation. On a rise, the MULTITAST wheel lifts the rotor. The ideal gap between the tines and the ground is maintained.

In addition, the size of the rotor's support triangle is greatly increased. This makes the rotors run more smoothly and suppresses vibrations. In addition there is less force acting on the arm control rollers and tines, which extends the service life of your machine.

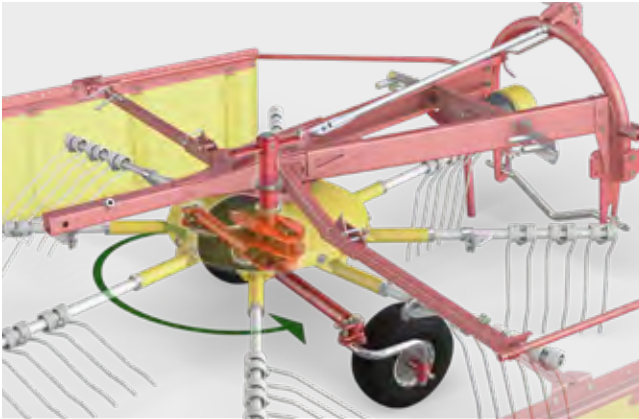
## DLG confirms forage protection

The DLG Focus Test "Ground tracking and forage contamination in grass silage" confirmed this back in 2013: The PÖTTINGER MULTITAST wheel delivers ideal ground tracking and clean forage.

- By comparison, the tines on the rotor without the MULTITAST wheel had five times more ground contact over a test distance of 60 metres.
- At the same time, the tines on the rotor without a jockey wheel skipped over the raking elevation three times more often and caused raking losses.

During the test, crude ash from dirt ingress was reduced by up to 2.3 % when raking with the MULTITAST jockey wheel. This means that for an annual yield of 9 tonnes of dry matter per hectare: 207 kg less crude ash in the forage.





## Rigid three-point mounting with castors

For maximum flexibility, the ALPINTOP can be front-mounted or rear-mounted. The chassis including cam track is simply swivelled through 180 degrees and the swath curtain is mounted on the opposite side.



## Front assembly

The advantage of front mounting is that the forage is not driven over by the tractor. The swath is deposited to the right in the direction of travel.

The optional MULTITAST jockey wheel is mounted at the front, outside the rotor arc, for perfect ground tracking. A chain top link is used on the headstock so that the rake can adapt to the ground on the longitudinal axis independently of the tractor's movements.

Optional suspension springs are available between the headstock and the tractor for ideal ground contact pressure of the jockey wheel.



## Rear-mounted

The ALPINTOP can also be operated as a rear-mounted rake. A reversing gearbox is needed for this. The swath is also deposited to the right.

An optional MULTITAST jockey wheel is available on the headstock for perfect ground tracking of the rake.



## Space-saving storage

Four tine arms can be removed and the rotor locked in position to prevent it rotating. The tines are stowed away tidily and secured in place by lynch pins. After the guard rail has been folded vertically, the ALPINTOP is ready for road transport.

# Merger



## Reliability

Choosing MERGENTO F ALPIN means choosing the highest quality forage and maximum reliability in alpine farming.

The alpine merger collects the forage from the ground using its pick-up. Without further contact with the ground, the cross conveyor belt transports the forage to the swath. This has two major advantages:

- Dirt and stones remain on the ground because they are not contacted by the pick-up tines.
- Disintegration losses are reduced to a minimum because the forage is not raked across the ground, an advantage especially with dry hay.

The PÖTTINGER merger also ensures maximum reliability, whether working along contours, uphill, downhill or on the level. The controlled pick-up, crop press rollers and recessed cross conveyor belt work together to produce perfect results.

## Versatility

You can conveniently set the direction of rotation of the cross conveyor belt from the cab. This lets you choose different swath configurations:

- 1 Placement to the left
- 2 Placement to the right
- 3 Loading forage

Thanks to the merger technology, even the multiple movements of the crop take place without dragging.

A swath curtain is available as an option for the left side. The swath width can be varied between 0.4 and 1.0 metre. When not in use, it can be folded up vertically.





# MERGENTO F ALPIN



Scan QR code for more details.



## Performance on slopes

The MERGENTO F 4010 ALPIN is the lightweight amongst the front mergers.

With a weight of just 575 kg and a pick-up width of 3.08 metres, you can work safely on steep terrain, even with light tractors and small twin axle mowers.

## Centre of gravity close to tractor

Depending on the tractor being used, you can choose between Cat. 1 and Cat. 2 mountings. In addition, the positions for the top link and lower linkage can be flexibly adapted to the tractor hitch geometry. Four positions are provided for the lower linkage and top link pins. This guarantees that you can mount the merger as close as possible to any type of tractor.

## Reliability

A rock-solid construction that withstands the toughest demands in the field paired with innovative solutions for the best performance on steep terrain are perfectly combined in the compact alpine merger from PÖTTINGER.

The main unit consists of a sturdy yet simple frame construction teamed with a floating headstock. The three-point headstock has a sleek profile to provide the best forward visibility from the tractor seat.

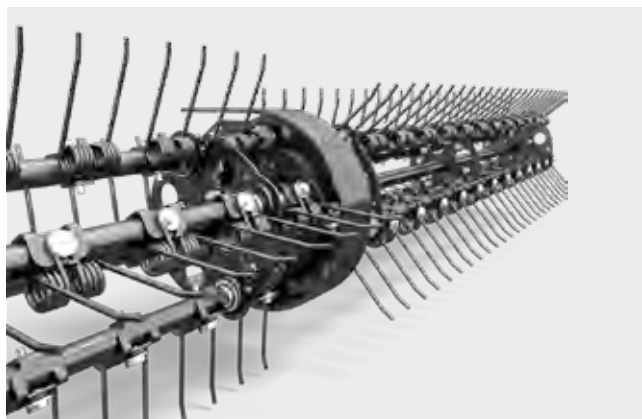
## Keeping an overview

The whole rear panel of the belt unit is made of transparent polycarbonate. Combined with the narrow headstock, the driver is guaranteed the best view, even from really compact tractors.

# Merger



Cleanly collected crop is ensured by the four-row controlled PÖTTINGER pick-up. The crop is gently collected from the ground by the controlled pick-up tines and accelerated towards the cross conveyor belt.



## Controlled pick-up

Thanks to the cam track control system, the full length of the tines conveys the crop right up to the cross conveyor belt. The tines dip down at right angles just in front of the belt. There is no risk of the forage being "dragged" in past the scrapers at the end.

The pick-up is divided into two sections. The tines on the two halves of the pick-up are each controlled by a cam track. The two cam tracks are located at the centre of the pick-up.

The tines on the pick-up are angled forward in a dynamic position. Due to this design, they actively lift the forage away from the ground - like a pitchfork. This guarantees reliable and loss-free crop take-up, even with short forage.



# MERGENTO F ALPIN

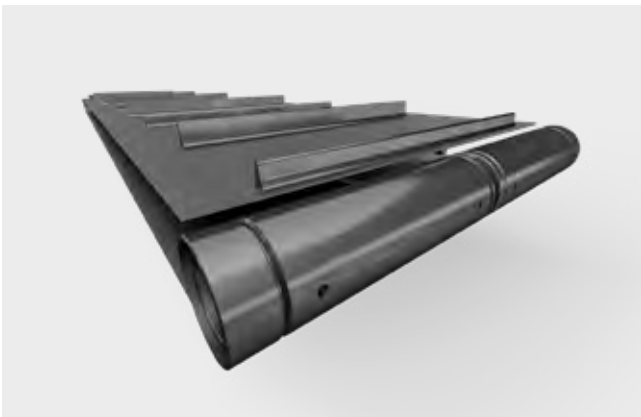


## Crop press roller

The crop press roller consisting of intake roller and baffle curtain holds the forage against the pick-up. A channel is created that accelerates the forage towards the cross conveyor belt. The crop achieves sufficient momentum to be spread evenly over the entire depth of the belt, even when driving downhill.



The crop press roller is spring damped and can optimally adapt to the incoming volume of forage. In the case of large volumes, it simply rides upwards. A gas pressure damper is also installed to prevent abrupt upward movement. If necessary, the crop press roller can easily be raised, i.e. deactivated, in a few steps.



## Cross conveyor belt

Thanks to the 62 cm deep cross conveyor belt and the 75 cm high rear panel, the MERGENTO works reliably even with high volumes of forage. Different height lugs across the belt ensure that the crop continues to be transported, even when driving along contours and merging bulky crops.



The cross conveyor belt is positioned 77 mm lower than the pick-up transfer point. The forage then falls freely onto the conveyor belt. The following forage pushes the material on the belt to make use of its full width.

# Merger



Three glide bars follow the ground to guide the merger over every undulation.  
The raking height can be preset using spacers and finely adjusted by altering the length of the top link.  
The weight of the merger is carried either by the tractor hitch, or optionally by two strong suspension springs between the headstock of the merger and the mounting bracket on the tractor.



## Comb skids

The newly developed comb profile, which has gaps to allow the tines on the pick-up to pass through, makes it possible to place the skids directly at the point of tine engagement. This virtually eliminates damage to the sward and keeps your forage clean.



## +/- 8 degree freedom of movement

The belt unit is suspended centrally. Centre-mounted leaf springs provide a freedom of movement of +/- 8 degrees. The conveyor belt unit is stabilised by a push/pull strut when raised. During operation, it applies minimum pressure on the ground, which guarantees perfect ground tracking.



# MERGENTO F ALPIN



## Hydraulic driveline

Both the pick-up and the cross conveyor belt are driven hydraulically. MERGENTO F ALPIN does not need its own hydraulic system. That saves weight.

The oil is supplied by a double-acting spool valve or single-acting spool valve with pressureless return on the tractor.



## BASIC CONTROL

The cross conveyor belt is operated using the standard BASIC CONTROL system.

With this you can easily adjust the belt speed from the tractor cab. In addition, the direction of rotation and belt stop can also be selected. The pick-up starts running as soon as the merger is supplied with oil.

A rocker switch for the top link is available as an option. Thanks to this, the cross conveyor belt switches off as soon as the merger is lifted at the headland.



## Optional hydraulic power unit

For tractors that deliver less than 25 l/min oil flow to the spool valve, we offer an optional PTO-driven hydraulic unit that can be mounted on the rear hitch. The PTO speed is 540 rpm.

This separate configuration guarantees optimum weight distribution when used on steep slopes, especially for very small tractors.



## Additional weight

For even more stability, a 100 kg ballast weight is available as an option for the hydraulic power unit.

# Loader wagon



## Top forage quality

A high quality basic ration that looks after the yield of your livestock can be achieved if forage contamination is kept to a minimum. The loading process with the BOSS JUNIOR is at the end of the harvesting chain and is decisive in delivering the best forage quality.

The tines on the pick-up of the BOSS JUNIOR are controlled so they gather the forage and collect it cleanly and tidily. In addition, the tines are prevented from scraping the sward, and so crude ash content in the forage is kept to a minimum.

The individual knife protection system protects the forage from broken foreign objects, which in turn prevents injuries in the digestive tract of the animals.

## Performance on slopes

The BOSS JUNIOR is PÖTTINGER's smallest loader wagon. It was designed for small tractors and challenging conditions in the alpine region. The BOSS JUNIOR is the right choice when it comes to precision in tricky situations.

Both the low centre of gravity and the robust chassis with wide tyres and braked axle offer enhanced safety in steep terrain.

In addition, the low weight, which is achieved by the welded frame and wooden scraper floor, has a positive effect on ground pressure. It ensures the valuable sward is not damaged and harmful compaction is prevented.



# BOSS JUNIOR



## More convenient

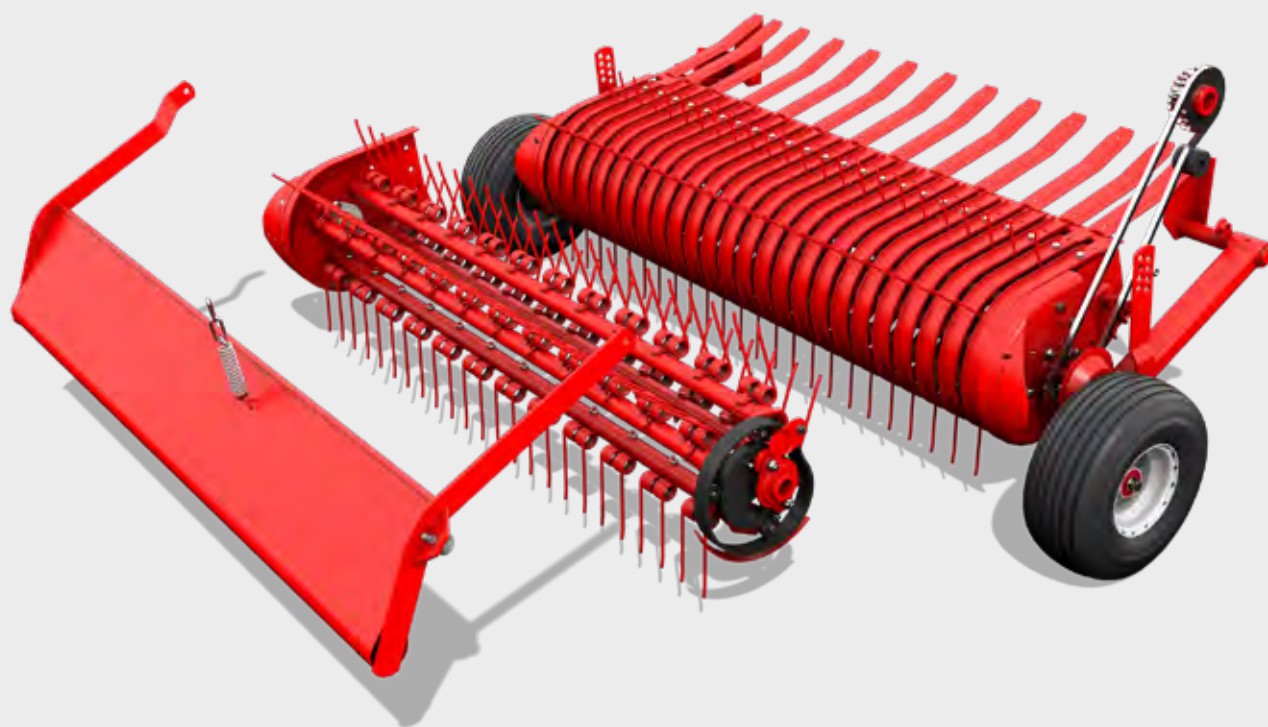
Comfortable and pleasant working conditions have a positive effect on you during the often long harvest days during the season.

Thanks to the dry forage extension, the height of the BOSS JUNIOR can be variably adapted to the surroundings, so it can access even the lowest clearance buildings.

This means that it can also unload the forage inside low barns with the tailgate locked open. In this case, the tailgate is not opened upwards as normal, but to the rear.

The number of knives can be preselected without removing them completely according to the requirements of the crop.

# Loader wagon



## Controlled pick-up

The controlled pick-up on the BOSS JUNIOR ensures both wilted or wet, heavy forage are collected cleanly and tidily, even when cornering.

The 4 tine carriers on the pick-up are controlled from both ends by a steel cam track. Because the tines retract at right angles to the scraper, forage cannot be dragged in and disintegration losses are prevented.

The pick-up width of 1,550 mm enables the swath to be picked up cleanly and simplifies cornering. The slight sweeping position of the tine near the ground improves ground tracking without the tine scraping the sward.

## Pick-up suspension

The optimum torsion, spring suspension as standard and the jockey wheels make the pick-up adaptable to bumps in the ground for clean and tidy collection of the crop.

## Wind guard

The wind guard ensures optimum crop flow even at high driving speeds. The optimised geometry conveys all the crop efficiently into the transfer throat.





## SUPERMATIC loading system

The classic SUPERMATIC tine conveyor loading unit on the BOSS JUNIOR is particularly gentle at transferring the forage. The tines are actively retracted horizontally so that no crop is dragged in.

The 3 section conveyor tines are driven by a heavy-duty roller link chain with automatic tensioning system.



## Individual knife selection

The BOSS JUNIOR is equipped with 4 knives as standard and can be fitted with 8 or 12 knives as an option. The standard number of knives is ideal for loading hay.

With the maximum number of knives fitted, the spacing is reduced to 120 mm. Because the knife configuration can be adapted to all types of crop, the highest quality forage can be ensured throughout the whole harvest season.



## Individual knife protection

Foreign objects are a potential hazard for the machine as well as for the forage quality and the animals. The PÖTTINGER individual knife protection system protects your loader wagon.

If a foreign object triggers the protection system, the knife is deflected to the rear with minimal resistance and then automatically springs back into position. Stones are not broken up in the process, avoiding risk to the livestock.



## Easy knife removal

The knives can also be installed and removed from inside the loading chamber of the BOSS JUNIOR on low-profile loader wagons. By folding up the cover flap, the knives can be unlocked and hinged to the rear or completely removed from under the loader wagon.

# Loader wagon



## Lightweight construction

The low centre of gravity and wide stance of the BOSS JUNIOR provide the perfect platform for operating on steep terrain. The low-profile loader wagon is optionally available with a DIN capacity of 11.5 or 14.25 m<sup>3</sup> to deliver high loading performance, reliability and convenience despite its lightweight design.

Its low weight is characterised by a high strength, welded frame that forms the basis for the lightweight construction of the BOSS JUNIOR. In addition, the low weight conserves the sward and forage contamination remains low.

## Attachment

A high drawbar is standard on the BOSS JUNIOR. The drawbar load is 500 kg.

Optional equipment:

- Low-mounting drawbar
- Rotating eye
- Towing eye extension (for tractors with dual wheels)
- Hydraulic parallel lift drawbar with cylinder

## Optional parallel lift drawbar

As standard, the drawbar on the BOSS JUNIOR can be adjusted to the mounting height of any tractor using spindles.

As an option, a single-acting hydraulic parallel lift drawbar can also be specified.

A mechanical interlock prevents the drawbar from lifting when reversing.

## Drawbar extension

The narrow design of the drawbar enables a sharp turning angle. This makes the loader wagon particularly agile and suitable for tight and steep manoeuvres.



# BOSS JUNIOR



## Scraper floor

The scraper floor consists of pressure-impregnated, durable wooden planks. The two scraper floor drive chains are powered by the tractor's hydraulics and can be switched on and off from the rear of the wagon.

The hardened and tempered scrapers closely spaced to ensure rapid and complete unloading of the crop.



## Dry fodder unit

Thanks to the integrated springs, the dry forage extension is easily foldable, reducing the overall height. The mechanical dry forage extension also features tightly tensioned roof ropes to retain the load.

As a result, the load volume of the BOSS JUNIOR can be varied flexibly.

Being able to reduce the wagon height by up to 710 mm enables the BOSS JUNIOR to pass easily through low entrances.

## Flexible tailgate

Normally, the tailgate opens upwards. The tailgate can also be fixed, however, so that it can open to the rear without folding upwards.

It is possible to switch quickly and conveniently between the two tailgate unloading positions by hand. Once unloading is finished the tailgate is closed again hydraulically and locked in place.

## Operation

The cab control unit with preselect system operates:

- the pick-up
- the scraper floor
- the tailgate
- the optional parallel lift drawbar

A double-acting spool valve or a single-acting connection with oil return is required on the tractor.

# Loader wagon



## Top forage quality

In order to be able to provide cattle with a high-quality basic ration, forage contamination should be kept as low as possible during the loading process, which takes place at the end of the harvest chain.

The pick-up tines on the BOSS 2000 ALPIN are controlled so that they gather the forage and collect it cleanly and tidily. This configuration prevents the tines from scraping the ground, conserving the sward accordingly and keeping the crude ash content as low as possible.

The way that the knives chop the material precisely and uniformly and the forage is transferred gently from the pick-up to the load chamber also contributes to the best forage quality.

Thanks to the individual knife protection system, the forage is protected against foreign objects. This technology stops potentially hazardous objects from being broken up and entering the forage, ultimately protecting the animals from injuring their digestive tract.

## Performance on slopes

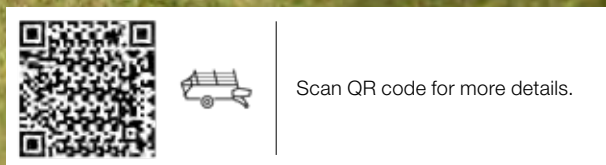
The BOSS 2000 ALPIN was designed especially lightweight for small tractors and the challenging conditions in alpine regions. This is the right choice when it comes to precision work in difficult terrain.

The low centre of gravity is integral to ensuring good performance on slopes. In addition, the robust chassis with wide tyres and brakes enhances safety on steep ground.

A light weight is good for the soil. This is achieved due to the welded frame and wooden scraper floor. This not only conserves the vital sward, but also prevents harmful compaction.



# BOSS 2000 ALPIN



## More convenient

Harvesting can mean a long day in the field, so it is all the more important to make your work with the loader wagon as smooth and enjoyable as possible. Being able to adapt the height of the wagon, unload quickly and easily, select the number of knives flexibly, and featuring an ingenious control concept, the BOSS 2000 ALPIN offers a convenient package for time-intensive workdays in alpine regions.

Depending on harvesting requirements, the BOSS wagon has the option of flexible knife selection without removing the knives completely.

Thanks to the dry forage extension, the height of the BOSS 2000 ALPIN can be variably adjusted so that low clearances are no problem.

In addition, the wagon can be easily and conveniently unloaded inside low barn buildings thanks to the tailgate locking system, which opens the tailgate to the rear without it being raised.

# Loader wagon



## Controlled pick-up

The floating pick-up on the BOSS 2000 ALPIN has an effective width of 1,800 mm according to DIN and the 5 tine carriers are controlled by a steel cam track. This design has the following advantages:

- Slightly trailing tine angle for better contour tracking without scraping the ground
- Active forage transfer to the loading unit by using the full length of the tine
- The tines dip down at a right angle to prevent the forage from being drawn in
- Less combing of the forage due to lower speed for better chopping quality (fewer lengthwise stalks)
- Reduced ejection due to low speed
- Reliable collection driving downhill
- Maximum conveying performance at high driving speeds
- Reliable intake, even in difficult harvesting conditions

## Able to adapt

The pick-up suspension allows side-to-side movement of 170 mm. In addition, the pick-up can also move down in the direction of travel, which ensures the crop is collected cleanly, even in deep troughs or over ridges. Because the pick-up has a long travel path, it adapts perfectly to the ground. Even high volume swaths are collected cleanly and tidily and cornering is made easier.

Crop take-up can be further optimised thanks to the automatic control of the parallel lift drawbar, which constantly keeps the pick-up's floating action within the optimum range.

In addition, a trailing jockey wheel chassis is also available to prevent the pick-up from touching down in the centre.

Because the various components can adapt to the ground contours, they ensure a reduction in forage contamination and at the same time protect the machine.



# BOSS 2000 ALPIN



## Pick-up driveline

The pick-up is driven by two V-belts. These can adapt perfectly to the movements of the pick-up. At the same time, they serve as overload protection.

At headlands the loading unit switches off automatically when the pick-up is raised, making it easy to drive over swaths and into the clamp without snagging. This means that the wagon can also be driven across deep ruts and over ridges without worrying about forage loss, or damage to the pick-up or the sward.



## Swath roller

The swath roller together with the synthetic crop transfer rods deliver optimum crop flow even at high travelling speeds. This is standard on the BOSS 2000 ALPIN and can be adjusted to match different sizes of swath.

The angle of the roller can be adjusted according to the harvesting conditions.

The transfer rods ensure that dirt is filtered out of the forage, reducing forage contamination and protecting the chopping system as a result.



## Jockey wheels

The BOSS 2000 ALPIN is equipped with rigid jockey wheels as standard. These are recommended for working on slopes and for fields with few corners.

Castor-type jockey wheels are available as an option for optimum conservation of the sward, even when cornering.

The height of both jockey wheel versions can be easily adjusted using a pin-in-hole matrix. This adjustment system allows an additional selection between optimum ground tracking at the point of tine engagement, and optimised clearance to make it easier to drive over the clamp, or through difficult field entrances.



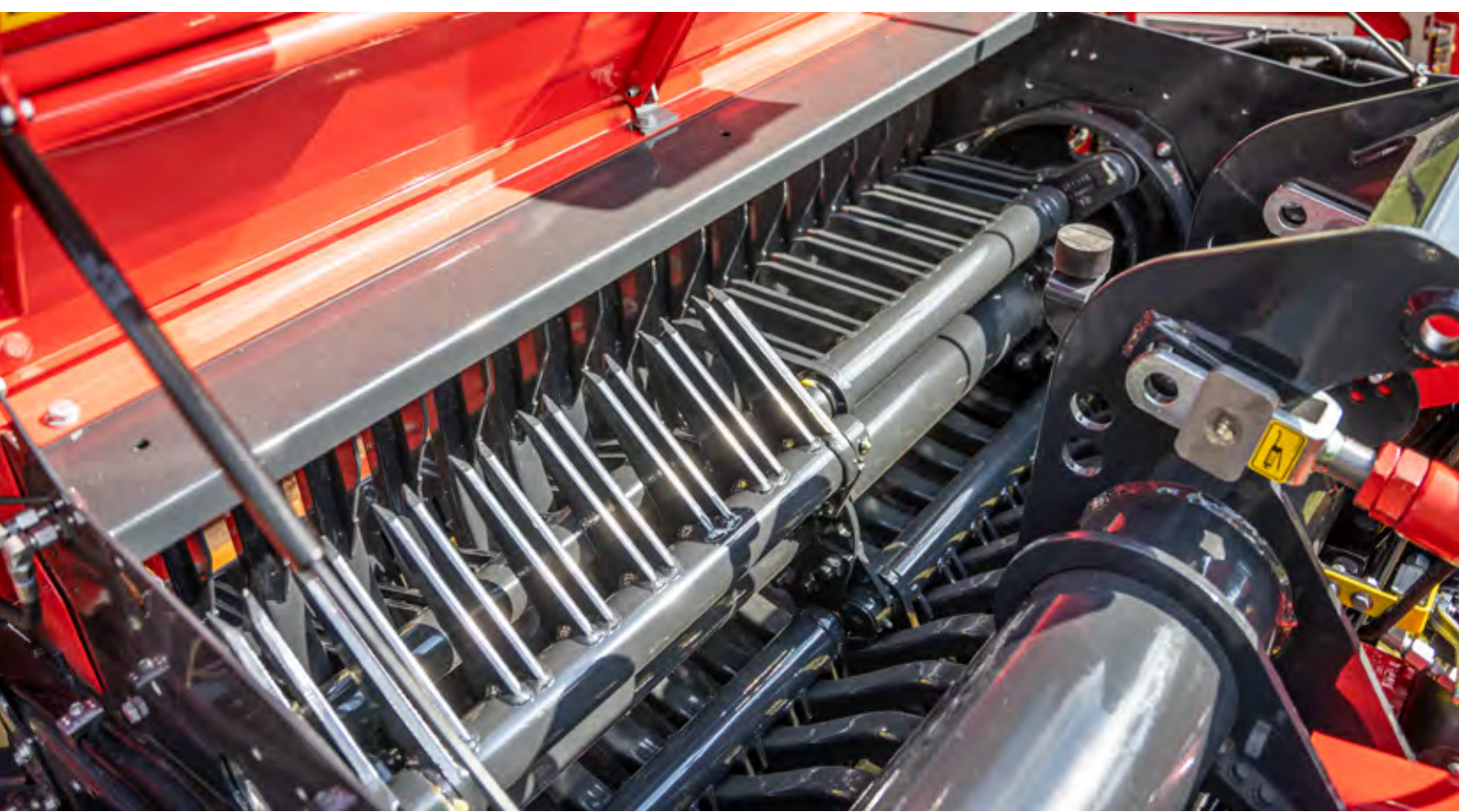
## Jockey wheel chassis

An optional jockey wheel chassis behind the pick-up ensures reliable guidance on bumpy terrain and prevents the side jockey wheels from sinking into wheel marks.

This stops the tines from scraping the ground even in the toughest conditions and minimises dirt ingress.

The synthetic wheels have rounded rims. This prevents dirt from sticking and ensures smooth cornering.

# Loader wagon



## SUPERMATIC loading system

The classic SUPERMATIC tine conveyor loading unit on the BOSS 2000 ALPIN achieves a high level of forage conservation and has particularly low power requirements.

This system conserves the forage during transfer because the conveyor tines retract horizontally and no material is dragged in.

The 3-section conveyor tines are mounted on bearings and guided from the outside by heavy duty cam tracks. Optimised for smooth running and the highest level of forage conservation, loading peaks are minimised.

As a result of the central split and offset mounting of the 3 conveyor tines, the load is distributed on both sides to six cam rollers and two cam tracks. That protects the drive system and is the guarantee for durability.

## Exact chopping quality

On the BOSS 2000 ALPIN the cam-controlled tines on the pick-up gently convey the forage to the loading unit tines. The forage is then conveyed by the double tines through the chopping system knives. Here, both wilted and wet, heavy batches of forage are chopped cleanly and evenly.

The knives are produced from hardened tool steel and are extra strong along the back of the knife. This guarantees a long service life of the knives.

The serration on one side ensures a precise cut even if the knives have been in action over an extended period. The forage batches are always cut rather than torn off. In addition, the elongated blade geometry ensures a slicing and clean cut.





## Individual knife selection

The BOSS 2000 ALPIN offers a chopping system for all applications. Depending on the requirements, up to 16 knives can be selected. For harvesting hay, the standard configuration with 6 knives is perfect.

With the maximum of 16 knives, the theoretical chopped length is reduced to 84 mm.

The knives are slotted in individually and can be reconfigured flexibly according to requirements. Because there is a double tine for each knife, the highest chopping quality is ensured.

## Individual knife protection system

PÖTTINGER protects your loader wagon using an individual knife protection system. Foreign objects are a danger to the tine conveyors and chopping system. Downtimes are costly and reduce the quality of the forage.

If a foreign object triggers the protection system, the knife is deflected to the rear with minimal resistance and then automatically springs back into position. Stones are not broken up in the process, so no harm can come to the livestock.

The triggering force is adapted to the high throughput capacity. The knives are held in the correct position to make sure that they chop consistently.

## Easy knife removal

On the BOSS 2000 ALPIN, the knives are engaged and disengaged from inside the loading chamber. To release the knives, the cover flap is folded upwards and the knives pivoted back.

The knives can then be completely removed underneath the loader wagon.

# Loader wagon



## Lightweight construction with big advantages

It is precisely because of its low centre of gravity and wide wheelbase that the BOSS 2000 ALPIN has become so popular, especially in steep terrain. The low-profile loader wagon can be specified with a DIN capacity of 13.5, 16.1 or 18.7 m<sup>3</sup> to deliver high loading performance, reliability and convenience despite its lightweight design.

The welded frame concept is designed to keep the construction lightweight, which is ideal for working on steep slopes.

## Attachment

As standard, the drawbar can be adjusted to the mounting height of any tractor using spindles.

The optional hydraulic parallel lift drawbar on the BOSS 2000 ALPIN transfers a drawbar load of up to 1 tonne.

## AUTOTAST pivoting drawbar

As an option, the BOSS 2000 ALPIN can be equipped with an AUTOTAST parallel lift drawbar control system.

Constant height regulation protects the pick-up and ensures even forage flow from the pick-up to the loading chamber.

This guarantees perfect ground tracking and crop take-up as well as optimum flow through the transfer throat.



# BOSS 2000 ALPIN



## Drawbar extension

The narrow design of the drawbar enables a sharp turning angle. This makes the loader wagon particularly agile and suitable for tight and steep manoeuvres.

If the tractor is fitted with dual wheels, the drawbar extension enables an even tighter turning angle.



## Flexible tailgate

The driver can operate the tailgate on the BOSS 2000 ALPIN conveniently from the tractor seat using powerful hydraulic cylinders.

The large cross-section of the tailgate allows rapid and unrestricted unloading. A hydraulic check valve locks the tailgate in position, eliminating the need for a mechanical safety interlock.



## Tailgate locking system

To unload the wagon even inside low barn buildings, the tailgate has an optional locking system. When this is activated, the tailgate opens backwards instead of upwards.

This function is activated by repositioning a pin on each side of the wagon. This makes it possible to switch quickly and conveniently between the two tailgate unloading positions by hand.



## The scraper floor

Pressure-impregnated, durable wooden boards are used for the scraper floor on the BOSS 2000 ALPIN.

The scraper floor is equipped with two heavy-duty chains that are driven hydraulically. The heat-treated bars are closely spaced to ensure rapid and complete unloading.

# Loader wagon



## Dry fodder unit

The dry forage extension is standard equipment on the BOSS 2000 ALPIN and can be folded up and down. This function enables the overall height of the wagon to be reduced so that it can access low entrances. As an option, a hydraulically folding dry forage extension can also be specified.

The dry forage extension also features tightly tensioned roof ropes to retain the load. As a result, the load volume can be varied flexibly.

Because the height of the wagon can be reduced by 840 mm, the BOSS 2000 ALPIN can also be parked in low barns.

## Relaxing day at work

The longer the day in the field, the more important the convenience features become. That is why the BOSS 2000 ALPIN can be equipped exactly to meet your needs: From the simple Basicline preselect system, to the extended Selectline preselect control system, and the top-end comfort control system.

Operating all loader wagon functions using the Profiline comfort control system, functions are controlled using load sensing or the power beyond system.





## Baseline preselect system

The BASIC CONTROL preselect system enables multiple functions to be performed by a single spool valve at the push of a toggle switch.

BASIC CONTROL is the standard terminal for the Baseline preselect control system. The control concept is designed to operate the pick-up and tailgate using a toggle switch. The scraper floor is controlled using a separate spool valve.

An integrated LED displays the position of the tailgate. This means you can be sure that the tailgate is completely closed after unloading because the LED goes out. The optional hydraulic parallel lift drawbar can also be operated using a separate spool valve.

Tractor requirements:

- One double-acting connection for the pick-up and tailgate
- One single-acting connection with pressure-free return for the scraper floor.



## Selectline preselect control system

As an option, the BOSS 2000 ALPIN can be specified with the electronic Selectline preselect control system. Using the ISOBUS connection cable for the tractor terminal or the SELECT CONTROL terminal, each specific function can be preselected and then carried out by the tractor's spool valve.

In addition, this system and the Profiline system include a signal indicating when the wagon is full as well as a job counter for silage operations.

The loader wagon pick-up, scraper floor and tailgate are operated as standard directly via the tractor's remote valves.

Tractor requirements:

- One double-acting connection for the pick-up, parallel lift drawbar, and tailgate
- One single-acting connection with pressure-free return for the scraper floor.



## Profiline comfort control system

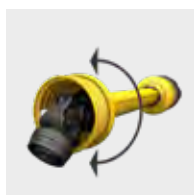
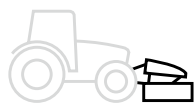
With the Profiline comfort control system, all the hydraulic functions are operated using load sensing or power beyond.

The functions can therefore be performed directly at the push of a button without pre-selection or an additional spool valve.

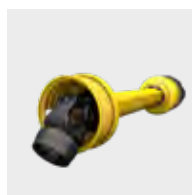
With the Profiline comfort control system, you can control your machine directly either using your ISOBUS tractor terminal, the POWER CONTROL or EXPERT 75 control terminals that are available as an option.

Each function is carried out immediately by pressing a button or the touchscreen.

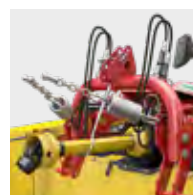
# Accessories



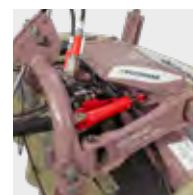
**PTO rotation**  
right / left



**PTO speed**  
540 / 1000 rpm



**Suspension springs**



**Hydraulic lateral  
displacement  
system**

NOVACAT F 2200 ALPIN

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■ / □

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NOVACAT F 2700 ALPIN

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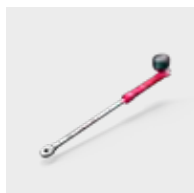
NOVACAT F 3100 ALPIN

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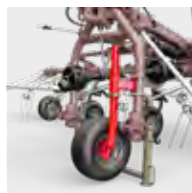
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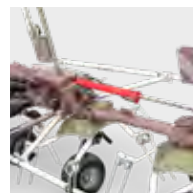
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**Stabiliser struts**



**MULTITAST jockey  
wheel**



**Hydraulic rotor lift  
system**



**Fenceline tedding  
system**

HIT V 4240 L ALPIN

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HIT V 4240 ALPIN

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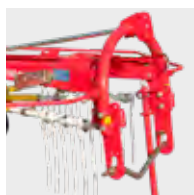
HIT V 6260 ALPIN

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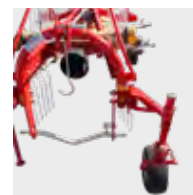
**Cat. 2 mounting**



**Reversing reduction  
gear box**



**MULTITAST jockey  
wheel front kit**



**MULTITAST  
jockey wheel rear  
kit**

ALPINTOP 300 U

□

□

□

□



Often ordered together



**Hydraulic folding side guard**



**Additional feed drums**



**Feed cones**



**Wear skids**



**High cut skids  
+ 20 mm / + 40 mm**



**Marker boards  
and lighting**

–	–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	–
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



**Rotor angle adjustment**



**HYDROLIFT**



**Marker boards and lighting**

■	–	<input type="checkbox"/>
■	–	<input type="checkbox"/>
■	■	<input type="checkbox"/>



**Suspension springs for front**



**Spare wheel  
15 x 6.00 - 6**



**PTO shaft with freewheel**



**Warning signs**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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**Configure your own machine.**

■ = Standard, □ = Option

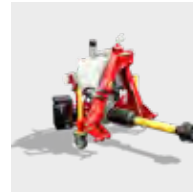
# Accessories



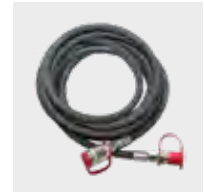
**Suspension springs**



**Swath curtain**



**Hydraulic unit**



**Hosing**

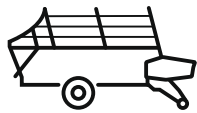
MERGENTO F 4010 ALPIN

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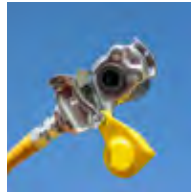
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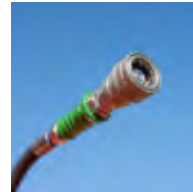
**Parallel lift drawbar**



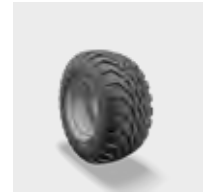
**AUTOTAST**



**Dual-line pneumatic brakes**



**Hydraulic brakes**



**Tyres 380/55-17**

BOSS JUNIOR 17 T

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BOSS JUNIOR 22 T

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BOSS 2140 ALPIN

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BOSS 2160 ALPIN

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BOSS 2190 ALPIN

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## More equipment options

### BOSS JUNIOR:

- Rotating eye extension
- Emergency brake valve for hydraulic brakes
- 8 quick change knives in total
- 12 quick change knives in total
- Demarcation lights
- Rotating light

### BOSS 2000 ALPIN:

- Low drawbar
- Rotating eye extension
- Emergency brake valve for hydraulic brakes
- Pick-up wind guard with swath roller
- 16 quick change knives in total
- Load Sensing
- Mudguard
- Demarcation lights
- Rotating light



Often ordered together

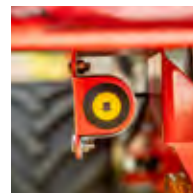
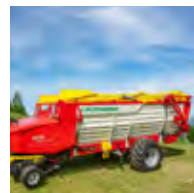
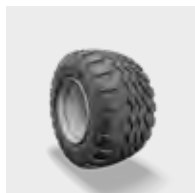


**Additional ballast**

**Marker boards  
and lighting**

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**Tyres  
480/45-17**

**Tyres  
19/45-17 AS**

**Tyres  
500/50-17**

**Tyres  
520/50-R17**

**Dry crop extension  
folds hydraulically**

**Rear switch for  
scraper floor**

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**Configure your own machine.**

■ = Standard, □ = Optional

# Technical data



Mowers	Working width	Mounting	Mower discs	Placement width
NOVACAT F 2200 ALPIN	2.20 m	Cat. 1, Cat. 2	5	1.3 m
NOVACAT F 2700 ALPIN	2.62 m	Cat. 1, Cat. 2	6	1.7 m
NOVACAT F 3100 ALPIN	3.04 m	Cat. 1, Cat. 2	7	2.1 m



Tedder	Working width	Working width DIN	Mounting	Number of rotors
HIT V 4240 L ALPIN	4.42 m	4.20 m	Rigid headstock	4
HIT V 4240 ALPIN	4.42 m	4.20 m	Pivoting headstock	4
HIT V 6260 ALPIN	6.60 m	6.20 m	Pivoting headstock	6



Rake	Working width	Mounting	Swath formation	Tine arms / removable arms
ALPINTOP 300 U	3.0 m	Rigid headstock	Right	8 / 4

Front-mounted merger	Working width (DIN)	Pick-up width (DIN)	No. of rows of pick-up tines	Swath formation
MERGENTO F 4010 ALPIN	4.00 m	3.08 m	4	both sides

Loader wagon	DIN volume	Pick-up width	Number of knives Standard   maximum	Knife spacing with maximum number of knives
BOSS JUNIOR 17 T	11.5 m³	1.55 m	4   12	120 mm
BOSS JUNIOR 22 T	14.25 m³	1.55 m	4   12	120 mm
BOSS 2140 ALPIN	13.5 m³	1.8 m	6   16	84 mm
BOSS 2160 ALPIN	16.1 m³	1.8 m	6   16	84 mm
BOSS 2190 ALPIN	18.7 m³	1.8 m	6   16	84 mm



# ALPIN

## mowers / tedders / rakes & mergers / loader wagons

Placement width with 2 feed drums	PTO speed	Transport width	Hectares per hour up to	Power requirement from	Weight
–	540 / 1,000 (rpm)	2.20 m	2.2 ha/h	26 kW / 35 hp	400 kg
1.1 m	540 / 1,000 (rpm)	2.57 m	2.6 ha/hr	33 kW / 45 hp	450 kg
1.4 m	540 / 1,000 (rpm)	3.00 m	3.0 ha/hr	40 kW / 55 hp	490 kg

Tine arms per rotor	Rotor diameter	Parking height	Transport width	Power requirement from	Weight
5	1.38 m	2.30 m	2.45 m	22 kW / 30 hp	320 kg
5	1.38 m	2.30 m	2.45 m	22 kW / 30 hp	390 kg
5	1.38 m	3.30 m	2.55 m	29 kW / 40 hp	530 kg

Dual tines / arm	PTO speed	Rotor unit tyres	Transport width	Power requirement from	Weight
3	540 rpm	15 x 6.00 - 6	1.30 m	22 kW / 30 hp	280 kg

Swath width with swath curtain	Driveline	Transport width	Mounting	Power requirement	Weight
0.40 - 1.00 m	Hydraulic	3.00 m	Cat. I / Cat. II	44 kW / 60 hp	575 kg

Overall length   overall width	Overall height   height when lowered	Platform height	Standard unladen weight	Maximum total weight
5.67   2.40 m	2.73   2.02 m	0.715 m	1,650 kg	4,000 kg
6.35   2.40 m	2.73   2.02 m	0.715 m	1,750 kg	4,000 kg
6.13   2.47 m	2.95   2.11 m	0.735 m	2,200 kg	6,000 kg
6.75   2.47 m	2.95   2.11 m	0.735 m	2,300 kg	6,000 kg
7.37   2.47 m	2.95   2.11 m	0.735 m	2,400 kg	6,000 kg



Match your tedder to the working width of your mower to get the highest utilisation and best work quality from your machines. HAYTOOL ASSIST helps you quickly and easily find the right tedder for your mower. The following QR code takes you directly to the application.



## 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.

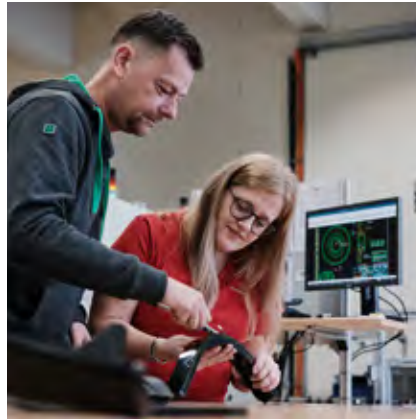
### Info on the product range

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](http://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



## 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

## You can rely on our PÖTTINGER ALPIN technology

- The best forage thanks to unique ground tracking
- The best suitability for steep ground due to light and compact design
- Strong and reliable machines featuring high quality construction
- Straightforward and convenient operation

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