Mowers / Tedders / Rakes
NOVACAT F ALPIN / ALPINHIT / ALPINTOP

PÖTTINGER

Forage harvesting at the highest level

97+150.EN.0822

Forage harvesting at the highest level

ALPIN
Mowers / Tedders / Rakes

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. Our focus is on the clean and conserving harvesting of quality forage by means of optimum ground tracking and minimal disintegration losses.

Table of contents

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.

The best forage

The best forage quality is the basis for your success

High-yield livestock need a high quality basic ration. Ruminants are fussy about their forage. The quality of their basic ration will determine whether your animals consume the forage in high quantities, or not.

What they like most is basic ration that is clean and tasty. The amount of concentrates used can be reduced. This cuts forage costs while at the same time improving animal health. The bottom line is that you benefit from clean, high quality forage with more profit from your farm business.

But 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.

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.

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. Forage conservation is therefore the be-all and end-all.

With our ALPINHIT 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.

Collect everything, as long as it's clean

At the end of the harvest chain, it is a matter of getting all the forage lying in the field into the swath and back to the farm. 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

On the ALPINTOP rotary rake, the MULTITAST jockey wheel system and the slightly forward angled tines ensure clean and tidy raking with the lowest possible dirt ingress.

Mowers

Clean and tidy cut

PÖTTINGER cutter bars – quality made in Austria

What counts is the best cutting quality - whether on the level or on a steep incline, that is why the PÖTTINGER cutter bar was developed.

These cutter bars have been proven thousands of times in the field and are the heart of every disc mower made by PÖTTINGER, including the NOVACAT F ALPIN. They are primarily responsible for the clean cut. These cutter bars are developed and built at our headquarters in Grieskirchen, a quality product made in Austria.

Many PÖTTINGER employees are farmers themselves, so they know exactly what counts in a mower: first class cutting quality, smooth operation and strength.

The extremely flat welded cutter bar with clamped mower blades ticks all these boxes. It delivers clean forage, cut for cut, throughout the mower's service life.

Sleek and dynamic design

The PÖTTINGER cutter bar features an impressively sleek and dynamic design. Just 4 cm high, the 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.

Clean forage

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.

Welded construction

The key to the cutter bar's compact, 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 sealed so there are no oil leaks.

Clamped blades – for a tidy mowing pattern

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.

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

1 Integrated cleaning paddles
2 Clamped blade
3 Clamped counter knife

Slope ready and reliable

Reliability matters in the mountains

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

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 the same time, every kilo of weight that can be saved is also important in hilly terrain.
Just like 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.

Lightweight, smooth running yet robust mowers are PÖTTINGER's answer to these specifications.

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.

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 ground 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.

Cost effective

Lightweight at the front

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.

Thanks to the low weight and short design of the mower, it can be driven by small tractors and twin axle mowers. This protects the valuable sward and the forage remains clean.

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.

Perfect overview

You have a perfect view of the mowing area from the driver's seat. The low headstock and the tarpaulin guard sloping outwards guarantee the best possible view, even from low tractors. Because the drivetrain is integrated into the main frame, this does not obstruct the forward view either.

Hydraulic side shift system

Available as an option, the cutter bar can be shifted from side to side +/- 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 +/- 8 degrees.

The cutter bar is stabilised by a push/pull strut during lifting. This prevents the mower from swaying, making it easier to drive over swaths and providing greater stability during transport.

During operation, minimum ground pressure is applied, this results in perfect ground tracking.

Weight alleviation

The weight of the mower is carried either by the tractor hitch, or optionally 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 because it results in:

- Perfect cut and clean forage
- Minimal wear and power requirement
- The tractor can steer perfectly, even on steep ground.

Safe road transport

For safe road transport, the side guards are folded upwards. Hydraulic folding is available if required. That makes things more convenient for you.

Warning signs and road lights are optional.

Convenience and equipment

Making mowing a pleasure

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 amount of effort. Easily accessible greasing points and easy cleaning allow you to make efficient use of harvest time, which is often very short.

The whole guard folds upwards

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. The blade pin is bolted to the mower disc. This can be replaced cost-effectively if required.

Customised equipment

We offer a large number of optional extras to meet your individual requirements.

Feed cones

The dynamic shape of the feed cone keeps the crop flowing. 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.

This can provide additional safety on steep ground. In addition, the forage remains loose on top of the grass stubble, making it an easy target for the next harvesting machine.

Wear resistant glide bars

Wide glide bars made from hardened boron steel 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.

As an option, you can fit additional wear skids to protect the underside of the cutter bar. The bolted skids can be easily changed if required.

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. In addition, the sward is conserved as a result.

- 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

Protects wildlife and livestock

Wildlife in the crop

The timing of the first cut in grassland farming coincides with the fawning season of roe deer and other wild animals. Due to their natural reflex to seek cover, fawns do not run away from danger. This instinctive behaviour makes it especially difficult to spot animals hiding in the grass. It happens over and over again that animals are seriously injured or even killed during mowing.

Livestock also endangered

If the carcass of a wild animal ends up in the clamp, it will decompose and contaminate the forage. Under anaerobic conditions, bacteria of the species Clostridium botulinum produce the neurotoxin botulinum.

Feeding silage contaminated in this way can expose cattle, sheep, horses and poultry to life-threatening botulism.

Mowers raised

SENSOSAFE is an automated sensor-based assistance system that detects animals; during mowing it enables you to identify fawns and other wild animals hiding in the field and to save them from getting caught by the mower. You prevent carcasses from contaminating your forage and avoid the risk of your cattle contracting botulism. This system helps you protect wildlife and your livestock at the same time.

A bar with near infrared sensors is mounted in front of the mower. These work independently of daylight and temperature. Unlike thermal imaging cameras, you can rely on SENSOSAFE to work properly in all types of operating conditions.

With SENSOSAFE you do two tasks in one: Mowing and detecting wildlife. No additional time or personnel needed for searching the fields prior to mowing. In addition, you don't need special training or a permit to operate the SENSOSAFE animal detection system.

SENSOSAFE 300

We developed SENSOSAFE 300 for mowers up to approx. 3 metres wide. The sensor bar is fitted to a mounting frame and utilises the tractor's hydraulics. The sensors send a signal to the SELECT CONTROL terminal tractor cab if anything is detected. The system signals the driver both visually and acoustically.

When used with the NOVACAT F ALPIN front mower, the system scans the next pass. For this, the SENSOSAFE sensor bar can be mounted either on the front or rear linkage.

Simple to set up

The tractor specifications are easily fulfilled. One double-acting spool valve and a 12 V power supply for the SELECT CONTROL control terminal are all that is needed to use SENSOSAFE.

For more details, see our SENSOSAFE brochure.

Rotary tedder

Neat spreading work

Clean and tidy spread pattern

Regardless of whether you are tedding silage or hay - with the ALPINHIT you conserve your crop 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.

Our ALPINHIT tedders delivery an impressive spread pattern and maximum forage conservation thanks to their small rotors and unequal length tines.

Optimum rotor diameter

The models with four rotors have a rotor diameter of 1.44 m. The ALPINHIT 6.6 has a rotor diameter of 1.30 m. Both of these rotor units are equipped with five tine arms and 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.

Different length tines

Clean raking by the tines is a basic prerequisite for drying the crop evenly. No forage should be left untouched on the ground.

The key element for success here are the PÖTTINGER tines with their offset legs. 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.

Flexible adjustments

Rotor pitch adjustment

The rotors can be moved into three positions. Using this system you can easily adapt the rotors to the forage conditions. A uniform and tidy spread pattern is ensured as a result.

Tine angle

Two tine angles can be set by turning the tine mounting through 180°. Use this to set the tines in a dynamic or sweeping angle, depending on the forage.
For very dense, heavy forage, use the more dynamic angle to increase the spreading effect.

Slope ready and precise

Safety first - and forage quality too

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.

Thanks to their low weight and compact design, our ALPINHIT tedders guarantee maximum stability of the tractor even on steep terrain.

To ensure that the quality of work is also right in this often remote terrain, the movable frame joints and the optional MULTITAST jockey wheel system on the headstock ensure the best ground tracking of the rotors. The best forage quality with low contamination levels is guaranteed.

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. You can now drive faster and can achieve a higher output as a result.

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. Once set, the working height does not have to be readjusted every time it is attached - an advantage if the machine is frequently hitched and unhitched or if there are different drivers.

On the road, the transport lock on the slotted hole enhances safety.

The MULTITAST jockey wheel system is available as an option on the ALPINHIT 4.4 N and 6.6.

Rotor unit wheels are close to the tines

To ensure contamination-free pick-up of the crop, the tines and rotor wheels on HIT tedders function as a perfectly coordinated system.
The rotor wheels are located very close to the arc of tine engagement. This ensures optimum ground tracking of the tines.
To minimise forage contamination, the tines should pass at least 3 cm above the ground.

Compact design

All our ALPINHIT linkage-mounted tedders feature a compact design. The short three-point headstock places the centre of gravity very close to the tractor. This ensures safe operation on steep ground even at the headland

Lightweight and durable

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

The rounded 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 ALPINHIT tedders is robustly designed. The gearbox housing and the protective tubes are made of aluminium. This saves additional weight.

Durable and precise

Sealed double constant velocity joints ensure consistent, smooth, backlash free drive to the rotors. There is zero backlash from the innermost to the outermost rotor.

This ensures that the tines pick up the crop precisely and produce an even spread. All joints can turn freely in the transport position. This eliminates the risk of operator errors.

The lightweights on the mountainside

The lightweights on the mountainside

The two ALPINHIT models with four rotors are absolute lightweights. Depending on the model, the tedder with rigid headstock (ALPINHIT 4.4 H) weighs just 285 kg. With a pivoting headstock (ALPINHIT 4.4 N), it is only 330 kg.

Both tedders provide a working width (DIN) of 4.0 metres.

Designed for all forage types, the four rotor ALPINHIT tedder with a rotor diameter of 1.44 metres ensures perfect crop take-up and optimum spreading quality in all operating conditions.

Pivoting headstock (N)

The ALPINHIT 4.4 N follows in the tractor's tracks thanks to its pivoting headstock. When cornering, the tedder follows the tractor without swivelling out. The vertical axis of rotation prevents under-running when working downhill.

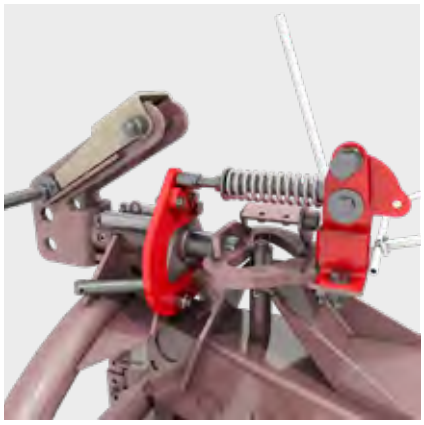
When the tedder is raised, the heart-shaped pivot pin automatically centres itself in the motion link to secure the machine in the centre position. This design guarantees the greatest lifting height at the headland even when used with small tractors, because the tedder does not sag.

Optional stabiliser struts

Two optional mechanical stabiliser struts on the headstock ensure that the machine runs smoothly during operation.

Rigid headstock (H)

The ALPINHIT 4.4 H has a rigid headstock.
This places the machine even closer to the tractor. In addition, its simple design ensures yet another reduction in weight. This further improves performance on steep slopes.



Machine weight alleviation

For the ALPINHIT models with a pivoting headstock and heart-shaped pivot pin, an optional weight alleviation kit is available for twin axle tedders. This allows more weight to be shifted to the rear axle of the tractor.

The compression spring on the heart-shaped pivot pin ensures that the pivoting headstock function is maintained although the tedder is constantly lifted slightly by the tractor.

The weight alleviation spring is easily deactivated by folding it upwards.

The MULTITAST jockey wheel is no longer active when the weight alleviation system is engaged.

Mechanical fenceline tedding system

The ALPINHIT 4.4 N is equipped with a mechanical fenceline tedding system as standard. The wheels on all four rotors are set individually by hand: Lever positions centre, left and right.

Compact and safe during transport

The rotors are folded upwards by hand, or alternatively using an optional hydraulic system. The raised rotors are tilted close to the tractor. This provides an optimum centre of gravity.

The transport width is 2.51 m. Warning signs and road lights are optional.

Reliable, lightweight, conserves the forage

Reliable, lightweight, conserves the forage

The primary focus of the ALPINHIT 6.6 is also on lightweight design and perfect ground tracking. Designed especially for alpine regions and with a working width (DIN) of 5.75 metres, you can work efficiently and cost effectively.

Weighing in at just 564 kg, this is a powerful lightweight.

The ALPINHIT 6.6 is equipped with a pivoting headstock and mechanical stabiliser struts as standard.

Pivoting headstock with heart-shaped pivot pin

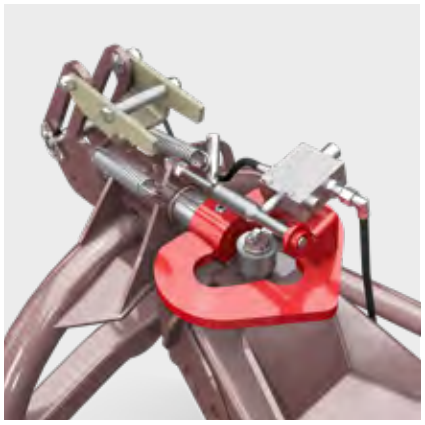
The ALPINHIT 6.6 follows in the tractor's tracks thanks to its pivoting headstock. When cornering, the tedder follows the tractor without swivelling out. The vertical axis of rotation prevents under-running when working downhill.

When the tedder is raised, the heart-shaped pivot pin automatically centres itself in the motion link to secure the machine in the centre position. This design guarantees the greatest lifting height at the headland even when used with small tractors, because the tedder does not sag.

Two mechanical stabiliser struts are fitted as standard to the headstock to ensure that the machine runs smoothly during operation. These gently centre the machine. This also gives you the advantage when working on slopes. At the headland and during road transport, they support the centring of the heart-shaped pivot pin.

Mechanical fenceline tedding system

The ALPINHIT 6.6 is equipped with a mechanical fenceline tedding system as standard. The wheels on all six rotors are set individually by hand. Lever positions centre, left and right.



LIFTMATIC

LIFTMATIC is a valve on the pivoting headstock heart-shaped pivot pin. While the tedder is being lifted, it automatically interrupts the oil flow between the spool valve on the tractor and the two hydraulic cylinders that lift the rotors.

In doing so, it temporarily disables the float setting required for ground tracking so the rotors can be held in a straight line. This guarantees sufficient ground clearance at the headland.

HYDROLIFT

With the optional HYDROLIFT system, the outer pairs of rotors are actively raised into an interlock position by briefly actuating the spool valve. This system achieves an impressive ground clearance height at the headland.

Compact and safe during transport

In the transport position, the raised rotors are tilted very close to the tractor. This favourable centre of gravity means improved safety while driving. The constant velocity joints in the driveline allow the rotors to turn in any position, eliminating the possibility of operator errors.

The transport width is 2.55 m. Warning signs and road lights are optional.

Rake

Clean and tidy raking work

Perfect raking

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.

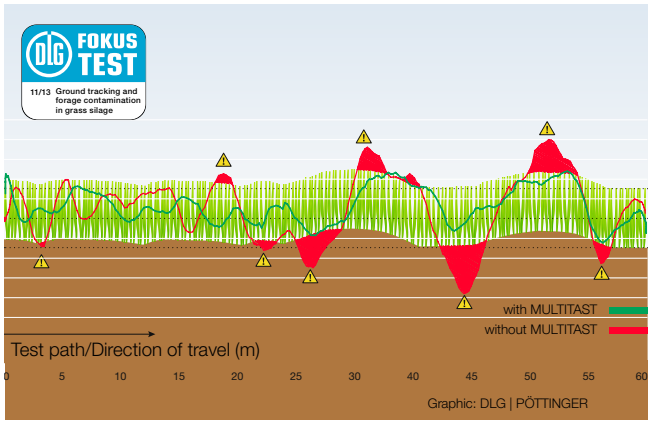
For complete and contamination-free collection of the crop, the perfect contour tracking thanks to the MULTITAST jockey wheel and the long, angled tines function as a perfectly coordinated system on the ALPINTOP.

Cleanly collected crop

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 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.



The decisive level of a few millimetres

PÖTTINGER has been offering the MULTITAST jockey 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, 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.

Robust lightweight

Robust lightweight

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.

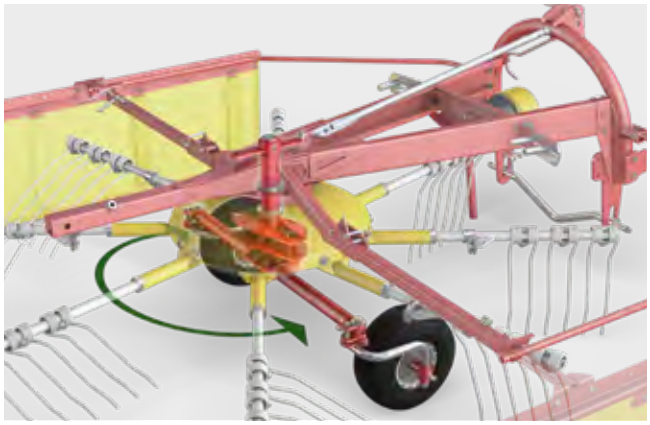
This robust lightweight is designed for front or rear mounting on twin axle mowers, mountain tractors or light tractors and has a working width of 3.0 metres.

Convenient operation

During raking, just a few millimetres are decisive for your forage quality.

The working height can be conveniently adjusted with a hand crank by adjusting the height of the castors.

The swath curtain can be adjusted to match the quantity of forage and the required width of the swath.



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-mounted

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

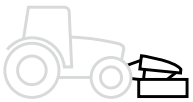
The ALPINTOP can also be operated as a rear-mounted rake. A reversing gearbox is needed for this. The swath is also deposited to the right.

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.

Accessories



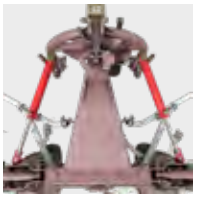
PTO rotation right / left

PTO speed 540 / 1000 rpm

Suspension springs

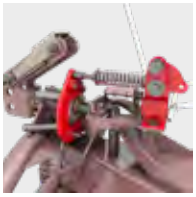
Hydraulic side shift system

NOVACAT F 2200 ALPIN	■ / □	■ / □	□	□
NOVACAT F 2700 ALPIN	■ / □	■ / □	□	□
NOVACAT F 3100 ALPIN	■ / □	■ / □	□	□



Stabiliser struts

MULTITAST jockey wheel



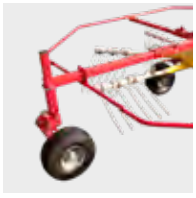
Weight alleviation kit

Hydraulics for lifting outer rotors

ALPINHIT 4.4 H	–	–	–	□
ALPINHIT 4.4 N	□	□	□	□
ALPINHIT 6.6	■	□	□	■

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

–

□

□

Feed drums

–

□

□

Feed cones

□

□

□

Wear skids

□

□

□

High cut skids + 20 mm / + 40 mm

□

□

□

Marker boards and lighting

–

□

□

Fenceline tedding system

–

■

■

Rotor angle adjustment

■

■

■

LIFTMATIC

–

–

□

HYDROLIFT

–

–

□

Freewheel for PTO shaft

□

□

□

Marker boards and lighting

□

□

□

Suspension springs for front

□

Spare wheel 15 x 6.00 - 6

□

PTO shaft with freewheel

□

Warning signs

□

Configure your own machine.

■ = Standard, □ = Option

Technical data

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

Rotary tedder	Working width	Working width DIN	Mounting	Number of rotors
ALPINHIT 4.4 H	4.45 m	4.0 m	Rigid headstock	4
ALPINHIT 4.4 N	4.45 m	4.0 m	Pivoting headstock	4
ALPINHIT 6.6	6.0 m	5.75 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

ALPIN
Mowers / Tedders / Rakes

Placement width with 2 feed drums	Tractor PTO speed	Transport width	Hectares per hour up to	Power requirement from	Weight
–	540 / 1000 rpm	2.20 m	2.2 ha/h	26 kW / 35 hp	400 kg
1.1 m	540 / 1000 rpm	2.57 m	2.6 ha/hr	33 kW / 45 hp	450 kg
1.4 m	540 / 1000 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	1.44 m	2.12 m	2.51 m	22 kW / 30 hp	285 kg
5	1.44 m	2.12 m	2.51 m	22 kW / 30 hp	330 kg
5	1.30 m	2.55 m	2.55 m	29 kW / 40 hp	564 kg

Dual tines / arm	Tractor 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

HAYTOOL ASSIST

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

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.mypoettinger.com and enter the machine number from the comfort of your own home. You will immediately receive all the information on your machine, such as: instruction manuals, equipment options information, brochures, photos and videos.

ORIGINAL PARTS

CLASSIC

DURASTAR

DURASTAR PLUS

Rely on the original

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

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

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

Your advantages

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

Wear parts

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

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

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

PÖTTINGER

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

Harvest your success

- Take responsibility for your forage quality
- Insist on the best basic ration
- Increase your milk yield
- Enhance animal health
- Optimise your profit

Ask for more information:

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

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

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

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

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

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

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

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