

Front mower & mower combinations
NOVADISC, NOVACAT

 **PÖTTINGER**

An awesome cut




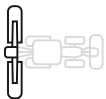
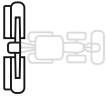
An awesome cut



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.

Careful mowing is the cornerstone for high quality forage. PÖTTINGER mower combinations deliver the best ground tracking and low disintegration losses so you benefit from the highest output and cost effectiveness. The high level of user convenience, ingenious details, wide range of applications, strength and first-class cutting quality make these mower combinations one of the most productive in their class.

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The best forage



The best quality basic ration is the basis for your success

The production of high-quality basic ration from meadows, pastures and whole crop is the basis of every grassland farm. 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. In addition to energy content, odour and taste, a low crude ash content plays a critical role.

They go for a basic ration that is clean and nutritious. The amount of concentrates used can be reduced. This cuts feeding 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.

Yet producing the best forage is not done by coincidence. The foundation for this is laid by the botanical composition of the crop. The volume and quality yielded here must be maintained along the entire harvest chain.

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 6 – 8 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 the forage cleanly. At the same time, sufficient residual assimilation area remains for the grass to grow again more quickly.

If the ground is not level, it is essential that the mower has good ground tracking capabilities.

This is important for maintaining the set cutting height and preventing dirt ingress as the first cause of forage contamination.

Thanks to their unique ground tracking system, optimum weight alleviation of the cutter bar, and excellent cutting quality, our mowers give you the basis for a clean forage harvest and rapid regrowth of the plants.



High output, even on steep slopes

Large fields and steep terrain are the main challenges at the Priewasser farm in the Inntal, Upper Austria. Here, the NOVADISC 902 proves equal to the task with its low weight, high output and large overlap with the front mower.

“In our terrain, the overlap to our 3-metre NOVACAT 301 ALPHA MOTION MASTER front mower of over half a metre on each side is perfect.”

Markus Priewasser
Farmer
Höhhart | Austria

“A brilliant thing”

“We have 1,800 hectares of agricultural land, of which 1,450 hectares are arable land and the rest is grassland.

We operate three PÖTTINGER mower combinations with conditioners on our farm. We use roller conditioners for alfalfa and tine conditioners for grass. We particularly like the fact that we can switch the two conditioners between each mower. It is a very quick and easy system that only PÖTTINGER offers. That's a brilliant thing for a business like ours.”

František Toman
Head Manager at Zeras a.s.
Radostín nad Oslavou | Czech Republic

Clean and tidy cut

Cutter bar



One harvest leads to another

What counts is a clean and tidy cut. 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.

What counts is the best quality cut, and that is why the PÖTTINGER cutter bar was developed.

Quality made in Austria

These cutter bars are proven thousands of times in the field and are at the heart of every disc mower made by PÖTTINGER. They are developed and built at the company's main plant in Grieskirchen – a quality product made in Austria.

The extremely flat welded cutter bar with clamped mower blades produces clean forage, cut after cut.

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. Due to its 28 cm width, the cutter bar delivers the best ground tracking which is 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 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.

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 counter knife
- 3 Clamped blade

Clean and tidy cut

Cutter bar



Customised equipment

There are multiple factors that go into achieving a clean and tidy cut. We offer numerous equipment options for cutter bars to meet your individual requirements.



Smooth, rounded underside

Wide glide bars 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.

Wear skids

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

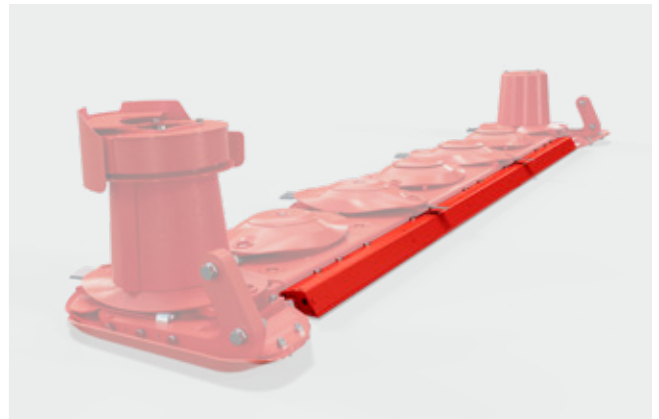
With the optional high cut skids, cutting heights of 50 – 120 mm are possible. Their large radius and wide surface area make them especially wear-resistant. In addition, the sward is conserved as a result.

- High cut skids +20 mm
- High cut skids +40 mm
- High cut skids also for both outer glide bars



Feed cone

The dynamic shape of the feed cone keeps the crop flowing. In addition, swath doors can be fitted.



HEAVY DUTY cutter bars

An additional cutter bar reinforcement is optional for especially stony areas.



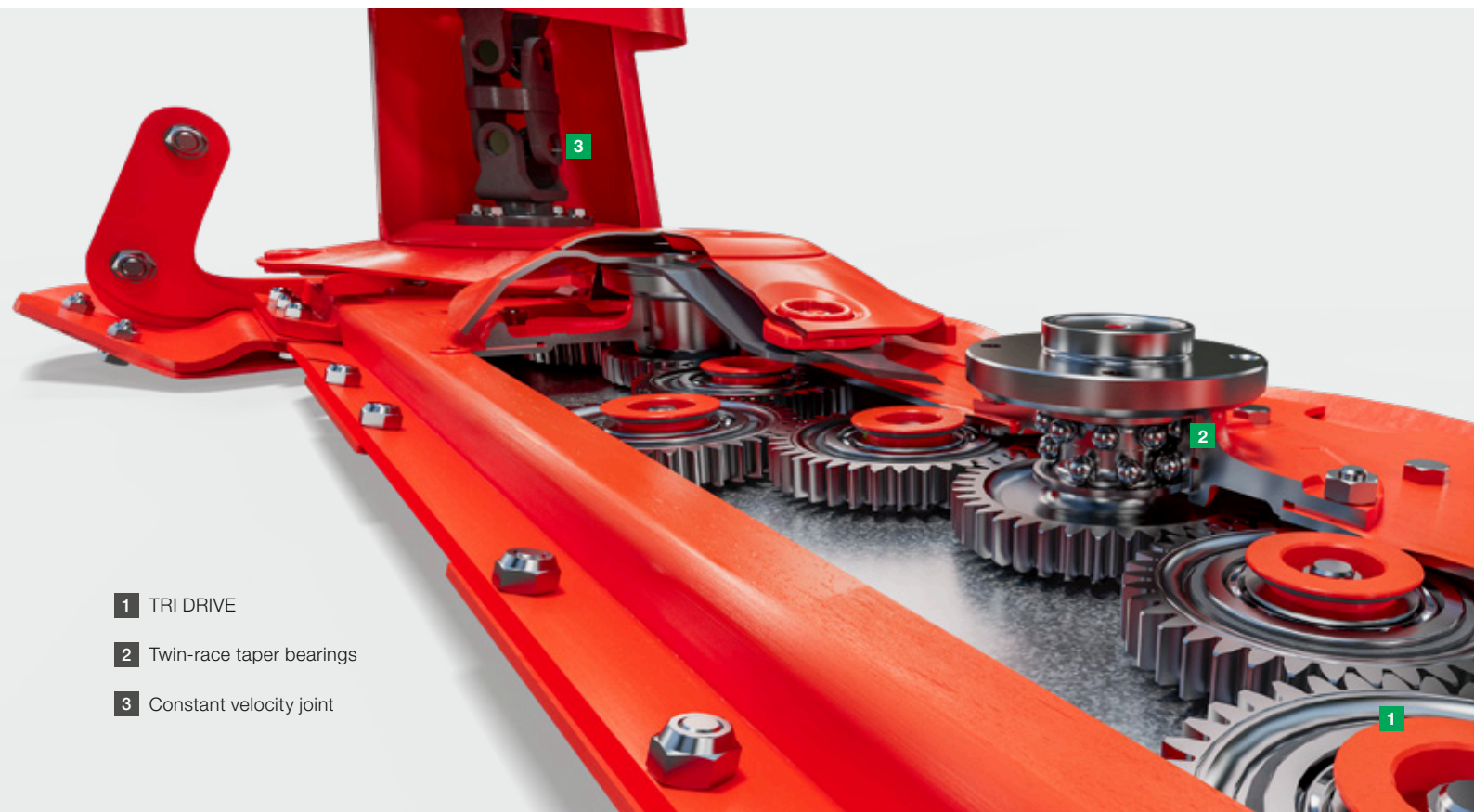
Swathing discs

Our front-mounted mowers without conditioners are fitted with two swathing discs as standard. They are also available as an option on mower combinations.

The generously dimensioned, individually adjustable swathing discs place the forage loose and light in a swath that is the width you need. Additional swath formers are available for even narrower swath placement.

Durability

TRI DRIVE concept



- 1 TRI DRIVE
- 2 Twin-race taper bearings
- 3 Constant velocity joint

For a long life

When harvesting forage, what counts is sturdy machinery you can depend on. At PÖTTINGER we use only high quality components in the manufacture of our mowers. Ingenious details make the NOVADISC and NOVACAT disc mowers uniquely reliable. So that you can begin every forage harvest trouble free for years to come.

It starts with the cutter bar: This is made from the best quality steel. The metal plates are laser-cut and robot-welded with the greatest precision.

The extremely hard-wearing PÖTTINGER driveline is at work inside the robust cutter bar. The unique TRI DRIVE drive concept is designed to ensure maximum service life.

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.

TRI DRIVE concept

The driveline in the PÖTTINGER cutter bar is famed for its toughness and durability.

3 teeth are always in contact

The spur gear drive runs in a straight line 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.

- Gear set 39/50
- Gear height 17.5 mm



Smooth-running driveline

A standout feature of our mowers is their supremely smooth running. The NOVACAT series features a friction-locked drive train directly to the first mower disc. A constant velocity joint provides a stress-free link between the angular gearbox and the cutter bar.

Our NOVADISC mowers are driven by V-belts tensioned by a back tension idler to deliver reliable and smooth power transmission. An angular gearbox behind the first mower disc then transmits the power to the cutter bar.

On all mowers, a freewheel is integrated into the driveline.

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.

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. 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

Convenience



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.

Simply low-maintenance

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

The guards fold well and easily away to provide optimum access to the cutter bar. Blades can be changed quickly and easily.



Practical folding guards

The guard curtains are made from especially tough material to reliably catch stones and soil.

The guards fold well and easily away to provide optimum access to the cutter bar. There is nothing in the way during cleaning, and when changing blades 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.

Clean and tidy conditioning

ED tine conditioner / RC roller conditioner



Accelerate drying

Plants have a waxy coating to protect them from drying out. The necessary gas exchange with the ambient air is regulated only by stomata; microscopic openings in the leaves and stem. Immediately after mowing, these openings close to protect the plant. This means that during drying, water can only escape through the less permeable waxy coating.

The conditioner has the job of breaking up the waxy layer of the mown crop, which brings about two major advantages. The mowed crop dries faster. Less nutrients are lost by reducing the time the crop is left wilting in the field. In addition, this also facilitates the release of cell juice in the clamp. This results in faster pH value reduction. What this means is that the silage reaches a stable state more quickly.

For the best working results, a conditioner must be chosen that suits the crop to be mown. For crop with high grass content, for example, the ED tine-type conditioner achieves good results. It hits the stalks in the crop. For especially leafy forage, the RC roller conditioner is recommended. This conditioner crimps the crop.

Adapted to the season

In the hot summer months, when there is little plant mass in the crop, there is often a risk that the mown grass dries out too quickly if it is mowed with a conditioner. During silage preparation, this can be difficult to compact in the clamp and lead to lactic acid fermentation.

Studies have also shown that there are significantly more insects in grassland stands in the summer growth phases in June and July. That is why the conditioner has a bad reputation concerning the mortality rate of insects.

So while mowing with a conditioner makes sense in several respects in spring and autumn, the need for a conditioner may well be questioned in summer.

Quick-change conditioner

That is why at PÖTTINGER we recommend a system that allows you to use the same mower with or without conditioner. Swapping around can be done in just a few simple steps.

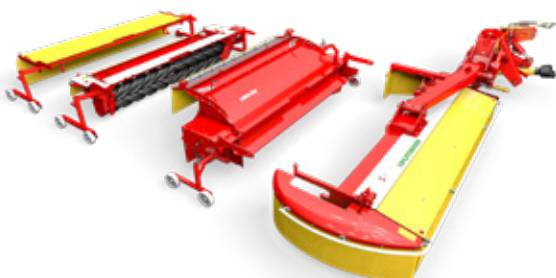


1 mower – 3 possibilities

Thanks to the optional quick-change kit, the tine conditioner or roller conditioner can be removed in a short time on many mowers.

You can switch between the tine and roller conditioner in just a few steps, or install a guard curtain:

- Take off the V-belts
- Fit the conditioner trolley
- Undo the conditioner fastenings
- Remove the conditioner
- Fit guard curtain / alternative conditioner



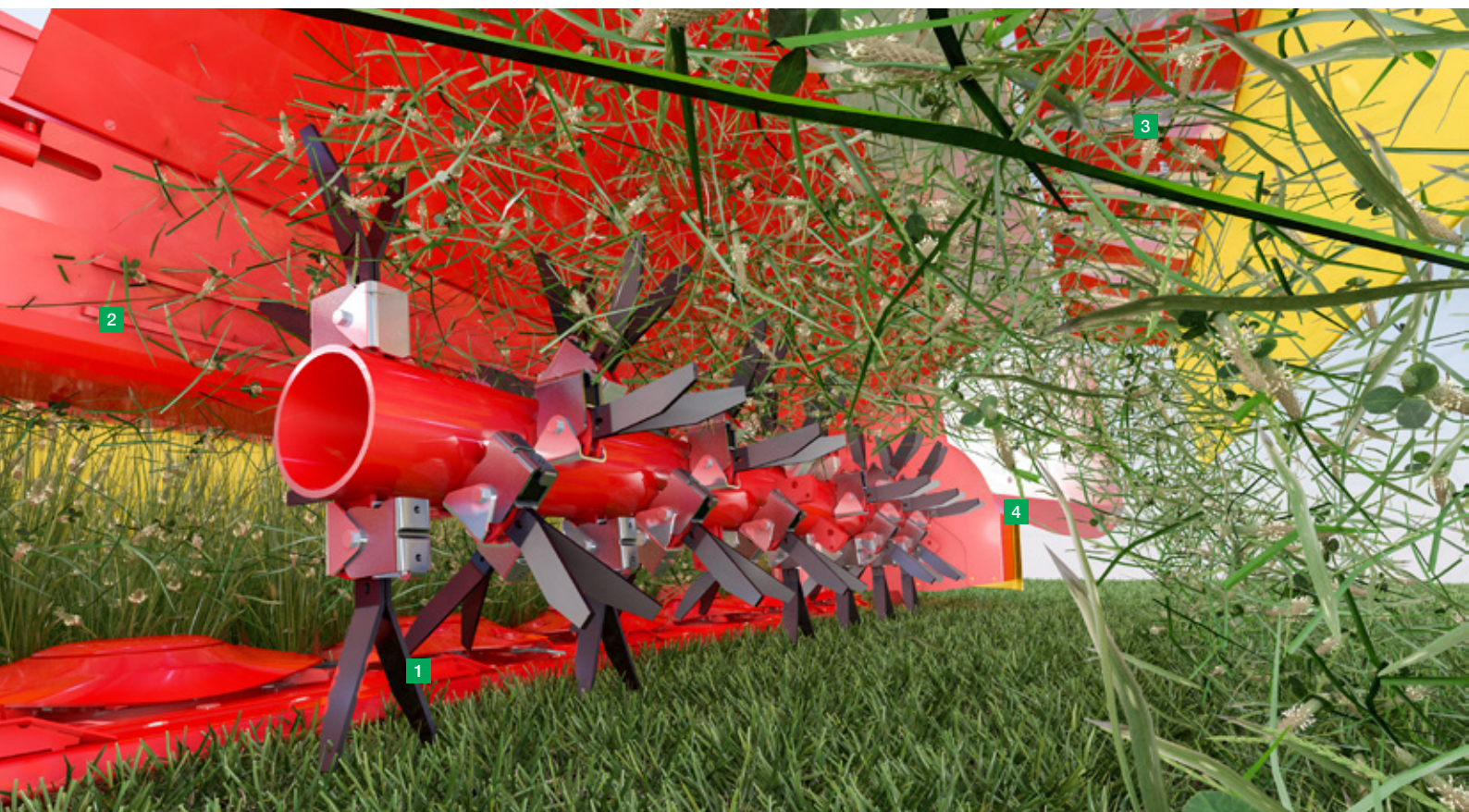
Placement strategies

Thanks to their adjustable swath doors, both conditioner systems can either spread the crop wide or forming a swath, depending on the specific requirements.

Wide placement offers the advantage that because the forage is in an airy loose blanket, the tedder can either be omitted, or drying can be shortened by 2 – 5 hours with a subsequent tedding process. In the case of hay, the wide placement makes a 2-day harvesting process possible by drying quickly from the start and greatly minimising the weather risk.

Clean and tidy conditioning

ED tine conditioner / RC roller conditioner



ED tine-type conditioner

The EXTRA DRY conditioner is a joint development with the Institute of Agricultural Engineering (IMAG-DLO) in Wageningen (Holland) that started in 1997 to prove there is better way.

Fast, uniform drying

- 1** V-shaped tines made of hardened steel hit the stalks in the crop and guarantee a continuous flow of forage.
- 2** You can flexibly adjust the conditioning intensity by changing the gap between the tines and the counter flap.
- 3** The round, high volume conditioner hood and the adjustable guide vanes enable a loose and airy blanket to be placed.
- 4** Adjustable swath doors can be used either for a wide spread blanket or to form a swath, depending on individual requirements.

Long service life

The tines are mounted on rubber blocks that are designed to flex, enabling them to fold back if they collide with obstacles.

Depending on the model, power is transmitted from the cutter bar gearbox to the rotor by a powerband or V-belts with a spring-loaded belt tensioner. This guarantees low weight and a smooth-running drive system.

The greasing point is located externally for easy access.





RC roller conditioner

The ROLLER CONDITIONER is especially suitable for alfalfa and clovers due to its precision conditioning capabilities. The helix shape angular groove profile has a high bending and squeezing effect and guarantees perfect forage transfer from the cutter bar.

Careful and effective

- 1** The rollers inter-mesh to uniformly crimp the stalks and produce a uniform blanket of forage. Roller spacing is variable thanks to the height-adjustable upper roller. The conditioning pressure can be adjusted on both sides using a hand crank. If foreign objects enter between the rollers, the gap can open by up to 120 mm.
- 2** Adjustable swath doors ensure airy and uniform swath formation.
- 3** Adjustable swath doors can be used either for a wide spread blanket or to form a swath, depending on individual requirements.

Reliable and durable

The Polyurethane profile is vulcanised onto the robust central tube of the roller giving an external diameter of 200 mm. The conditioner profile is tougher than rubber and therefore particularly resistant to wear.

Power is transmitted from the cutter bar gearbox to the rotor by V-belts with a spring-loaded belt tensioner. Both rollers are driven synchronously by a swivel gearbox for maximum throughput. This has a robust construction and is designed for the toughest conditions.

A central greasing point makes servicing easier.



Front mounted mowers





Front mounted mowers

NOVACAT F light front mowers



Smooth mowing

Our NOVACAT F front mounted mowers ensure that your mowing is smooth and cost effective.

This series is the ideal mix of low weight and the highest strength. You can use these mowers everywhere: with compact tractors on steep slopes or with large tractors with a mower combination.

The NOVACAT F models are available with working widths of 2.62 metres or 3.04 metres. We also offer a headstock with our OPTICURVE integrated side shift system for the NOVACAT F 3100 OC.

Short headstock

The trademark of this front mower is its compact three-point linkage mounted headstock. The centre of gravity is now very close to the tractor, making it easy to use even with small tractors. The low headstock and the tarpaulin guard sloping outwards guarantee the best possible view.

Matches every tractor

For larger tractors, an adapter is available as an option to give a 100 mm higher mounting position. This ensures an optimum lower linkage position for optimum weight alleviation. In addition, the PTO shaft is at less of an angle during operation.

	Working width	Mower discs	Headstock
NOVACAT F 2700	2.62 m	6	without side shift
NOVACAT F 3100	3.04 m	7	without side shift
NOVACAT F 3100 OC	3.04 m	7	with side shift



NOVADISC, NOVACAT



Perfect ground tracking

Gimbals in the guide arms of the cutter bar guarantee multi-dimensional and smooth freedom of movement. The arc of movement of +/- 8 degrees allows the mower to float precisely over all undulations in the ground.

The compact cutter bar and the position close to the tractor's front axle also ensure excellent ground tracking on the longitudinal axis.



Rapid-Reaction Spring-activated floating

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. Because this means:

- Perfect cut and clean forage
- Minimal wear and power requirement
- Perfect steering of the tractor especially on steep ground.

Convenient maintenance

The guards fold away to provide optimum access to the cutter bar. This makes it possible to clean the machine thoroughly and change blades quickly and easily.

The mower discs rotate into the centre

On all three NOVACAT F models, all mower discs rotate inward as standard. This promotes the flow of forage over the cutter bar and supports swath formation by placing the forage within the tractor track. In addition, it works very reliably when mowing downhill.

Safe road transport

The cutter bar is stabilised by centring springs when raised. This prevents the unit from swaying.

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

Front mounted mowers

NOVACAT F light front mowers



NOVADISC, NOVACAT



OPTICURVE

The NOVACAT F 3100 OC is equipped with an arc-shaped side shift system.

If the tractor drifts sideways when cornering or on steep terrain, the shift system ensures that the rear tyre of the tractor does not run over grass that has not been cut yet. As a result, no grass remains unmown due to insufficient overlap with the rear mower. During zero grazing mowing and loading, the loader wagon also travels in a forage-free track.



Arc-shaped side shift

A hydraulic cylinder shifts the mower in an arc up to 20 cm to the left or right. This changes the angle of the cutter bar by up to 8°.

The curved design makes it possible to use the entire width of the cutter bar, while systems with a straight shift leave several centimetres standing.

The side shift system is controlled using a double-acting spool valve as standard.

Compact design

Thanks to its ingenious design, mowers featuring the side shift system weigh almost the same as the rigid version. The mechanical elements are fully integrated into the headstock. As a result, the centre of gravity remains very close to the tractor.

The cutting height remains consistent over the entire arc.

The NOVACAT F 3100 OC achieves a working width of 3.04 metres.

Profiline comfort control system

With the optional Profiline comfort control system, the mower steers left and right automatically depending on the turning angle of the tractor or the inclination of the slope.

The signals needed to achieve this are provided by an acceleration sensor on the mower and optionally by the steering angle sensor on the tractor.

The system is controlled either using your ISOBUS terminal or the SELECT CONTROL terminal. Hydraulic oil is supplied by a load-sensing or power beyond system.

Front mounted mowers

NOVACAT ALPHA MOTION front mowers



Clean and tidy mowing

Best adaptation to any ground contour – a bold claim.
ALPHA MOTION – our straight answer.

What counts is a neat and tidy mowing pattern and the best forage for your livestock. Our NOVACAT ALPHA MOTION front mowers tick all the boxes.

Smaller fields with bumps or large areas where you want to accelerate: you will always leave a neatly mown crop behind you, laying the foundation for quality forage.

The NOVACAT ALPHA MOTION models are available with working widths of 2.62 m / 3.04 m / 3.46 m.

Unique ground tracking

ALPHA MOTION trailed front technology is characterised by the sophisticated kinematics of the active support frame. Compared to other mounting systems, not only do the guide arms respond to every undulation of the terrain, but also the support frame itself.

As a result, the cutter bar inclines upwards over bumps and slants downwards into dips. The result: clean forage. You also benefit from a consistent cutting height, which leads to uniform growth and ultimately to higher yield for you.

	Working width	Mower discs
NOVACAT 261 ALPHA MOTION MASTER / PRO	2.62 m	6
NOVACAT 301 ALPHA MOTION MASTER / PRO	3.04 m	7
NOVACAT 351 ALPHA MOTION MASTER / PRO	3.46 m	8



The right model for everyone

Depending on your requirements, the field-proven NOVACAT ALPHA MOTION is available with two different headstocks. The ALPHA MOTION MASTER and the ALPHA MOTION PRO. On both models the centre of gravity is close to the tractor in all working positions. You mow smoother as a result.

On both models, the side guards can be hydraulically folded conveniently from the tractor seat as an option. Using an optional hydraulic hose and sensor package, ALPHA MOTION front mowers can be conveniently operated using the electronic control terminal for NOVACAT mower combinations.



ALPHA MOTION MASTER

The NOVACAT ALPHA MOTION MASTER front mower impresses with its extremely compact design and three-point headstock. It's 34 cm closer to the tractor than the ALPHA MOTION PRO.

This means that more weight rests on the tractor's rear axle and handling is improved.

In addition, the mower is lighter and

can be used with no difficulty by lighter 3 and 4 cylinder tractors. This helps you save fuel.

A conditioner is not available on this model.

ALPHA MOTION PRO

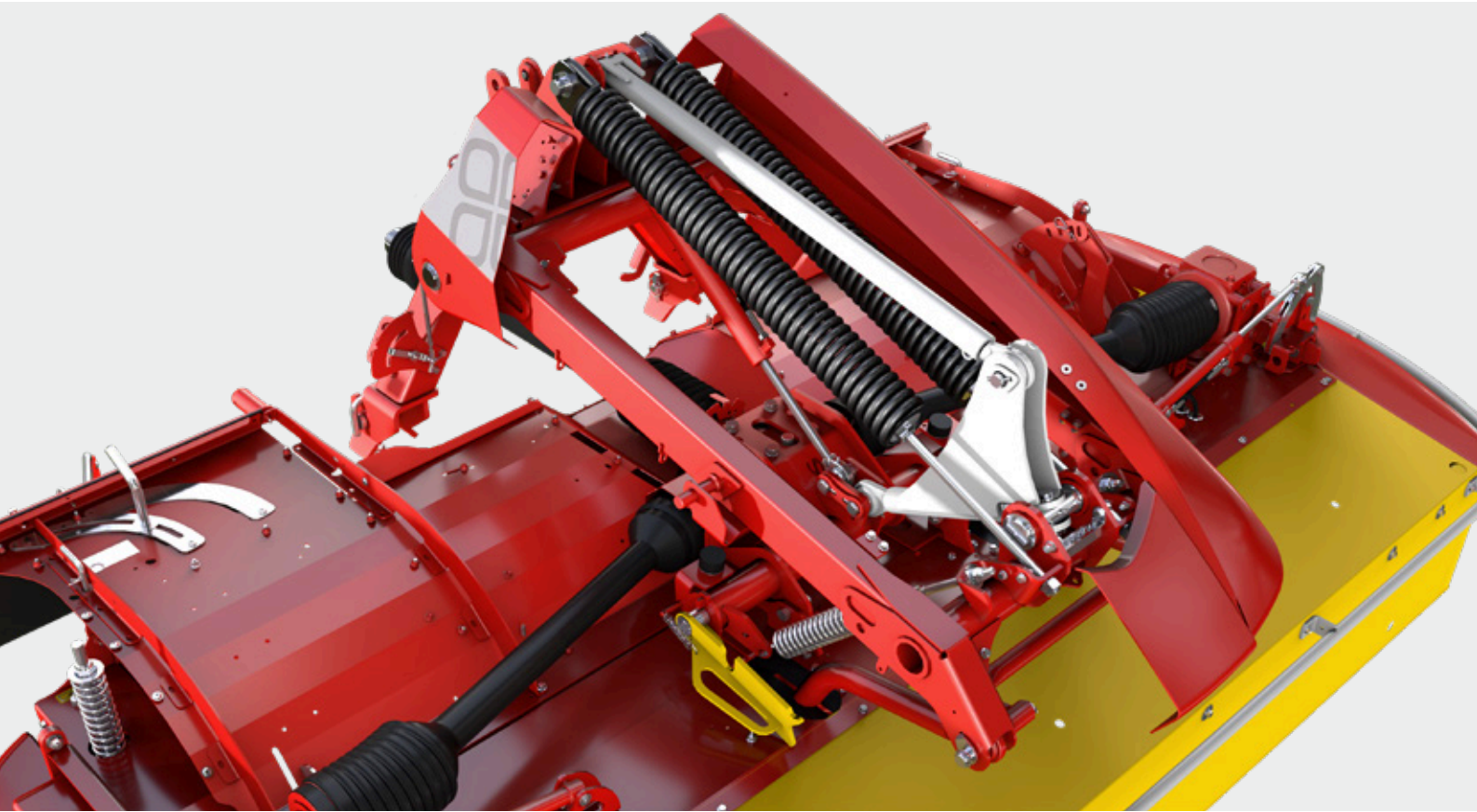
The NOVACAT ALPHA MOTION PRO front mower offers maximum operating convenience along with the first-class ground tracking you expect from our machinery.

- The three-point linkage ensures easy attachment to any size of tractor.
- The front guard folds up using just one lever and enables optimum access to the cutter bar for cleaning and blade changing.
- The headstock cover is easy to remove. This enables easy adjustment of the suspension springs.
- A central greasing point on the headstock makes servicing easier.

You can use the NOVACAT ALPHA MOTION PRO models without conditioner with swath doors or in combination with an ED tine conditioner or RC roller conditioner.

Front mounted mowers

NOVACAT ALPHA MOTION front mowers



Excellent inclination adjustment

The active support frame and link rods guide the cutter bar over every undulation. This unit reacts fast as lightning: The cutter bar rises to float over each bump and glides down into each dip. The mower moves virtually on a vertical plane, minimising telescoping of the PTO shaft and greatly reducing dynamic stress.

- NOVACAT ALPHA MOTION PRO: $-9^\circ / +12^\circ$
- NOVACAT ALPHA MOTION MASTER: $-7^\circ / +13^\circ$

Generously proportioned suspension springs

Two large suspension springs are integrated into the headstock. These react quickly to any bump in the ground, which means that weight alleviation remains virtually the same over the mower's entire working distance. This ensures uniform pressure on the ground of approx. 150 kg and protects your soil in the best possible way. The mower can be driven at high speed without the cutter bar rising.





Transverse movement

ALPHA MOTION stands for three-dimensional ground tracking with tremendous freedom of movement. Gimbals in the guide arms enable unique +/- 16° of transverse movement.



Always the right mounting height

Both our MASTER and our PRO models have a correct mounting indicator fitted to the right-hand side of the headstock. This is clearly visible from the driver's seat.

Correctly positioning the front hitch guarantees perfect ground tracking and uniform ground pressure over the mower's entire working distance.

High lifting clearance

High ground clearance of up to 35 cm at the headland and in the transport position guarantees that you can drive over swaths without damaging them and facilitates transport of the mower on bumpy tracks.

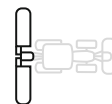
When driving on roads you can also raise the mower even higher using the tractor's front linkage. When you next use the mower, the indicator on the headstock helps you to find the right height clearance for the front hitch.

Narrow headstock

You have a perfect view of the mowing area from the driver's seat. Because the headstock is narrow and slopes away from the tractor it aligns perfectly with the engine hood/bonnet.

Mower combinations





Mower combinations

NOVADISC mower combinations with side pivot mounting



Lightweight and smooth running

The NOVADISC mower combinations offer high strength for the lowest weight. NOVADISC mowers are the lightest in their class. This allows you to operate them with small tractors starting from 85 hp. This means you save fuel and mow smoothly.

The mowers are available with working widths of 7.24 m / 8.08 m / 8.92 m and have an overlap of 52 cm on each side when teamed up with a 3.04 m wide front mower. This means you can mow without feathering on slopes and corners.



Ground conservation mowing

Unique weight alleviation springs

Two suspension springs on each cutter bar ensure uniform weight alleviation of the entire mower. The pressure acting on the ground can be adjusted in three steps without the need for tools. The unique kinematics ensure that the cutter bar applies the same pressure to the ground over the entire width. This enables you to keep wear and power requirements as low as possible.

NOVADISC lifting system

The mower is lowered so that the outer end of the cutter bar contacts the ground first. At the headland, the inside end is lifted first. That is how your sward is perfectly protected.

Able to adapt

The wide $+22^\circ / -30^\circ$ arc of movement enables easy mowing on rough ground and embankments. Mowing up to $+45^\circ$ by lifting the interlock latch is possible for short periods.

Mower combinations

NOVADISC mower combinations with side pivot mounting

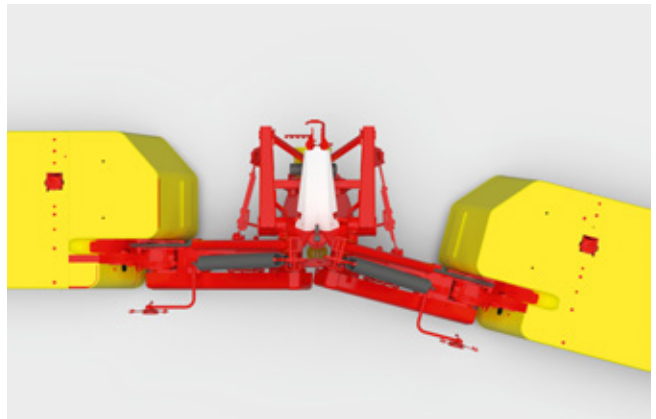


Individual lift capability

For residual areas and wedge-shaped fields, the two mower units can be lifted separately. Two single-acting spool valves are needed as standard.

Basicline preselect system

The optional BASIC CONTROL terminal allows individual side mower lifting using a single-acting connection.



Convenient maintenance

The guards fold away to provide optimum access to the cutter bar. This makes it possible to clean the machine thoroughly and change blades quickly and easily.

Protected against damage

The mechanical collision safety device on both sides means a swivel angle of approx. 12°. Damage to your mower is thus avoided in the event of a collision. After it has been triggered, simply reverse a short distance to engage the cutter bar again.

NOVADISC, NOVACAT



Long service life

The cutter bar is mounted from both ends which protects it against twisting. As a result, the gears and bearings are subjected to less stress to guarantee smooth operation and a long service life.



Cutter bar without inside shoe

A key feature is the lightweight cutter bar without inside shoe. The cutter bar gearbox is behind the first mower disc. This means you can mow into corners and over rough ground with no difficulty.

The compact driveline and drive belt tension regulated by a back tension idler ensure robust and reliable power transmission.



Safe road transport

A mechanical safety interlock provides the necessary safety during road transport. The outer guards can be folded inwards to reduce transport height. This can also be done hydraulically as an option.

LED lighting is standard equipment.



Space-saving parking

For especially compact storage, the mower can be parked on optional parking stands. The practical PTO shaft holder makes hitching up easier. The PTO shaft lubrication interval has been increased to 150 hours. The PTO shafts are easily accessible and easy to maintain.

Mower combinations

NOVACAT H mower combinations with horizontal transport position



Maximum output

NOVACAT H mower combinations deliver the highest output and efficiency.

The NOVACAT H 11200 achieves a working width of 11.14 m with the lowest possible diesel consumption.
The NOVACAT H 9500 has a maximum working width of 9.46 m.



Cost effective

With the NOVACAT H mower combinations, you can mow cost effectively and easily. This series is the ideal mix of minimum weight and maximum working width.

Unbeatable price/performance ratio

The mower combinations impress with their strong construction. Weight and costs have been saved at the same time as achieving maximum robustness. The previous generation NOVACAT S has already proven what this combination is capable of.

The lowest power requirement per metre of working width

At 2,040 kg and with 11.14 metres of working width, the NOVACAT H 11200 can be operated with just 160 hp. This means minimal fuel consumption. The 9.46 metre wide NOVACAT H 9500 has a power requirement of just 130 hp.

Hydraulic weight alleviation

Infinitely adjustable hydraulic weight alleviation ensures optimum ground contact pressure across the entire mowing width. This “floating cut” guarantees excellent ground and crop protection. Pressure on the ground is displayed on a pressure gauge.

Perfect ground tracking

The centre pivot mounting on the cutter bars provides a travel of +/- 22.5° for perfect ground tracking.

Mower combinations

NOVACAT H mower combinations with horizontal transport position

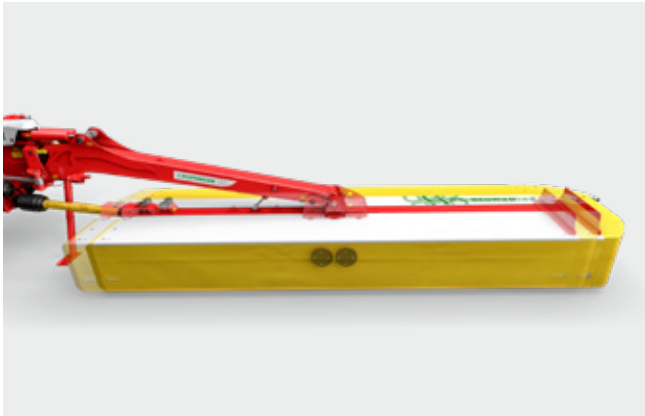


Robust driveline

All drive elements are robust and oversized. The central T-gearbox, together with the long cardan shafts, ensures reliable power transmission and smooth operation. A freewheel is integrated into both drive shafts. Overload protection is provided on the input PTO shaft.

Collision safety device

The hydraulic rear folding system includes a collision safety device. If the mower meets any obstacles, it can fold back to the rear. The mower is pivoted back into the working position by activating the spool valve.



Optimising mowing width for maximum output

Two mounting positions of the two mower units at the rear ensure you can always set up the optimum working width in coordination with the front mower. The clear width is 2.12 metres in the narrow position and 2.54 metres in the wide position.

High lifting clearance at headland

At the headland, ground clearance is 50 cm. During lifting, the cutter bar is held firm by a stabiliser cylinder. This makes it easier to drive over swaths and offers greater stability during transport.

NOVADISC, NOVACAT



Individual lift capability

The mower units can be raised either together or separately. They can be raised separately either by a shared spool valve with electric preselect system, or optionally by two separate spool valves. On the second version, lifting can also be automated using the tractor's headland management system.

Basicline preselect system

Both mower combinations are equipped as standard with the BASIC CONTROL terminal. This enables each mower unit to be lifted separately or together by just one spool valve at the push of a toggle switch. A pushbutton is used to activate the pivot cylinder for the transport position.



Easy to attach and detach

The mower combination can be parked in either the transport or working position. Two support legs are attached to the headstock for this purpose. The PTO shaft holder and hose tidy facilitate coupling and uncoupling.

Both models are mounted on the tractor using the Cat. 3 headstock.

Compact during transport

For transport, the mower combination can be folded backwards. The front guard curtains then fold up automatically. This gives you a narrow transport width of only 2.20 metres, and you can see the whole mower combination in the mirror. The length of the folded mower combination is comparable with a 5-share plough. Road lighting is standard equipment.

Mower combinations

NOVACAT V mower combinations with centre pivot mounting



Great technology in a compact package

The two mower combinations NOVACAT V 8400 and V 9200 are our compact professionals. These mowers are characterised by intelligent technology for the best working quality and straightforward operation packaged in a compact but robust frame.

The two mower combinations are also available with ED tine-type conditioners and with RC roller conditioners.



Short headstock

The NOVACAT V 8400 and V 9200 models feature an extremely compact design. Angled booms allow for an extremely short headstock. This creates a lighter-weight configuration with the centre of gravity closer to the tractor. Depending on the terrain, both the mower combinations can easily be operated with four-cylinder tractors.

Working width adjustment

Thanks to the two mounting positions of the mower units, the working width can be adjusted to 8.12 or 8.36 metres on the NOVACAT V 8400 and to 8.95 or 9.20 metres on the NOVACAT V 9200. The clear width between the two mower units is then 2.03 or 2.28 metres.

Hydraulic weight alleviation

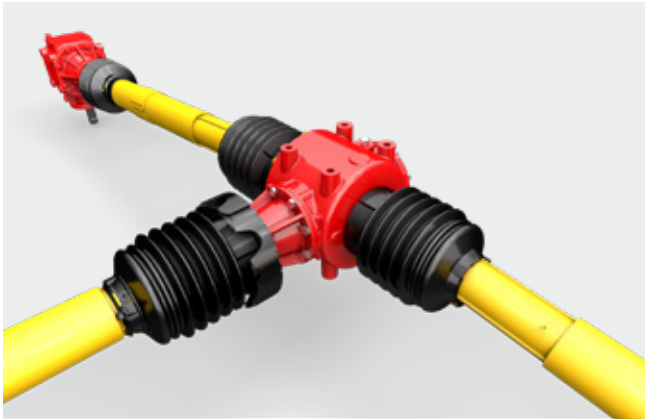
Hydraulic weight alleviation provides uniform ground pressure over the whole cutter bar width. Using the double-acting remote, the pressure applied by the cutter bar can be infinitely adjusted depending on the state of the ground and if conditioners or swath formers are fitted. Simply read the pressure gauge to see the ground pressure.

Ground tracking

The centre pivot mounting on the mower units provides a travel of +20° / -16° for perfect ground tracking.

Mower combinations

NOVACAT V mower combinations with centre pivot mounting



Robust driveline

All drive elements are robust and oversized. The central T-gearbox, together with the long cardan shafts, ensures reliable power transmission and smooth operation.

A freewheel is integrated into both drive shafts. Overload protection is provided on the input PTO shaft.



Hydraulic NONSTOP LIFT collision safety device

NONSTOP LIFT is an innovative technology that offers the best protection to the cutter bar. The mower unit efficiently avoids obstacles by folding backwards and at the same time raising the boom. This prevents damage to the mower unit even at higher speeds. The mower then pivots back automatically into the working position.



Easy to attach and detach

When attaching and detaching the mower combination, the retractable front guard provides plenty of space between the tractor tyres and the mower. With the support legs fitted as standard, the mower combination can be parked upright to save space.

Both models are mounted on the tractor using the Cat. 3N or Cat. 3 headstock.



Compact during transport

For road transport, the mower is folded upwards hydraulically through 92° and then locked hydraulically in the transport position. The optimised centre of gravity of the machine ensures safe and compact transport. The side guards can be folded inwards to reduce transport height. This can also be done hydraulically as an option. Warning signs and LED road lights are standard.



Headland position

In the headland position, the two mower units are each stabilised by a small cylinder. This prevents them from swaying when raised.

The mower units can be raised either together or separately. They can be raised separately either by a shared spool valve with electric preselect system, or optionally by two separate spool valves.



Basicline preselect system

Both mower combinations are equipped as standard with the BASIC CONTROL terminal. This enables each mower unit to be lifted separately or together by just one spool valve at the push of a toggle switch.

An actuator for the hydraulic transport lock is included.



Automatic individual lifting

The automatic system for lifting the mowers individually makes it easier to mow wedge-shaped fields. Simply select the mower unit that you want to lift first. Once it is fully raised, the electric preselect control system automatically switches to the other mower unit, which you can then lift by actuating the spool valve again. As soon as both mower units are fully raised, both sides are automatically preselected again.

The Selectline preselect control system is necessary for this function.



Selectline preselect control system

The optional Selectline preselect control system is ISOBUS-capable and is mounted on the mower. This can be connected directly to an ISOBUS connection cable to be controlled by the tractor terminal, or by the SELECT CONTROL terminal.

- Automatic individual lift system
- Hydraulic folding side guard as standard
- Four LED floodlights available as an option
- Hour and hectare counter / Maintenance management
- Preselect functions using ISOBUS AUX joystick

Mower combinations

NOVACAT V high performance mower combination with hydraulic side shifting



The high performance mower

With the NOVACAT V 10000 mower combination, we at PÖTTINGER combine high output with intelligent technology. Best possible ground tracking, optimum use of the mowing width and maximum reliability are the standout features of these mowers.

The mower combination is also available with ED tine-type conditioners and with RC roller conditioners. As options we also offer the proven COLLECTOR cross conveyor belt and the CROSS FLOW auger for swath merging.



Hydraulic side shift

On the NOVACAT V 10000, hydraulic cylinders integrated into the booms shift the cutter bars sideways by up to 370 mm. As a result, sufficient overlap with the front mower can be achieved in every situation. The cutting width and mower unit overlap can be optimised on the move for working on slopes, while cornering and on flat areas.

Overlap control

For mowers with the Profiline comfort control system, overlap control is available as an option. This system shifts the mower left and right automatically depending on the turning angle of the tractor and the inclination of the slope.

Different headstocks

The NOVACAT V 10000 is available with a headstock for 3.0 or 3.5 metre wide front mowers. This makes mowing widths of up to 9.62 m and 10.02 m possible.

Floating cut

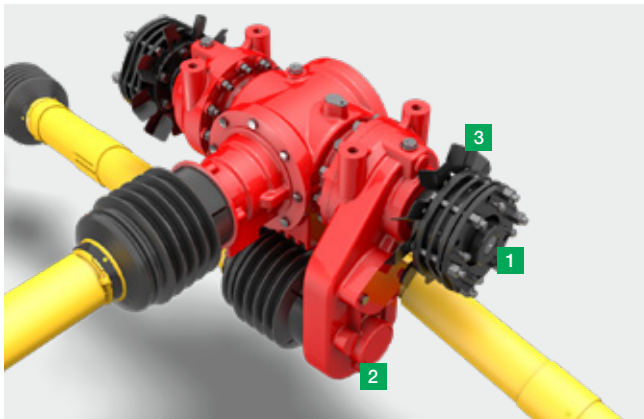
Optimised ground tracking to protect the sward is a key quality standard at PÖTTINGER. Hydraulic weight alleviation is used to adjust the pressure acting on the ground quickly and easily.

Automatic ground pressure adjustment

Automatic adjustment is available as an option on the NOVACAT V 10000. The ground contact pressure adapts automatically to the working width and ensures a constant contact pressure of the cutter bar even on bumpy ground. Optimum hydraulic weight alleviation guarantees soil conservation and the best forage quality. It also ensures a considerable reduction in wear and fuel consumption costs.

Mower combinations

NOVACAT V high performance mower combination with hydraulic side shifting



Extended service life thanks to Y DRIVE

The patented Y DRIVE input gearbox features an output shaft on the opposite side. This has the advantage that longer standard PTO shafts can be used with less of an angle in operation. The result: Smooth running coupled with improved performance and a longer service life.

Overload protection (1) and freewheel (2) located on gearbox. Integrated fan blades (3) cool the gearbox during operation.

Robust technology for a long service life

The heavy duty boom design offers a wide bearing spacing, which carries the cutter bar and provides the optimum in support. The cutter bar is mounted from both ends which protects it against twisting. The gears and bearings are subjected to less stress as a result. This ensures smoother running and a long service life.



NONSTOP LIFT hydraulic collision safety device protects the mower

NONSTOP LIFT is an innovative technology that offers the best protection to the cutter bar. The mower efficiently avoids obstacles by folding backwards and at the same time raising the boom. This prevents damage to the mower unit even at higher speeds. The mower pivots back automatically into the working position.

No oscillation at the headland

High ground clearance of up to 55 cm at the headland guarantees that you can drive over swaths without damaging them and facilitates manoeuvring around obstacles. The two mower units are each stabilised by a small cylinder. This prevents oscillation. These prevent oscillation and also avoid the PTO shafts from rattling.

NOVADISC, NOVACAT



Push-in front guard

We take ease of maintenance seriously. The retractable front guard provides clear access to the cutter bar. This makes it easy to change blades. When attaching and detaching the mower combination, the retractable front guard provides plenty of space between the tractor tyres and the mower.



Straightforward maintenance management

Enhanced maintenance management with notifications displayed on the control terminal depending on the operating hours is standard.

For even more convenience and optimum continuous topping up of all greasing points (except PTO shafts), we offer an electric grease pump for the NOVACAT V 10000 ED and ED COLLECTOR.



Transport height less than 4 m

For road transport, the mower is folded upwards hydraulically and then locked securely in the transport position by a hydraulic interlock system. Hydraulic side guard folding is available as an option, to achieve a transport height below 4 m with a ground clearance of 270 mm with no need to leave the tractor cab. Integrated parking stands are provided as standard for parking the machine when not in use. Lighting is standard equipment.



Optional light for optimal visibility

Harvesting can mean a long day in the field, For optimum illumination of the work areas, the NOVACAT V 10000 can be equipped with an optional LED light package.

The powerful LED floodlights provide the best view of the mower units and your working results.

Mower combinations

NOVACAT V high performance mower combination with hydraulic side shifting



The NOVACAT V 10000 mower combination is operated as standard using the Selectline preselect control system. As an option, it can also be operated using the Profiline comfort control system and power beyond hydraulics package. The intuitive control system and well thought-out automatic functions will not only make your work easier. You will also be pleased with the high quality of work.

Selectline preselect control system

The ISOBUS-capable Selectline preselect unit sits directly on the machine. This can be connected directly to an ISOBUS connection cable or the SELECT CONTROL terminal.

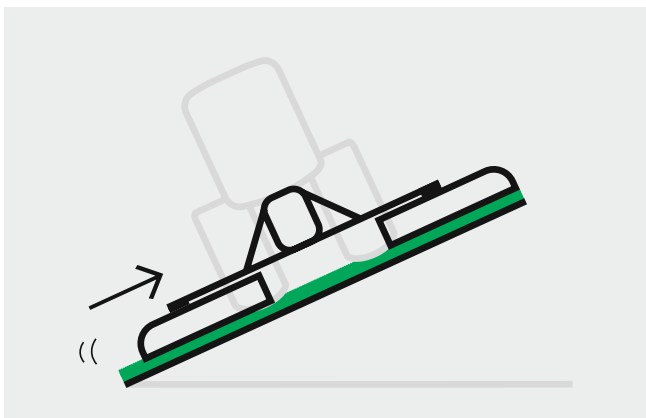
All functions are first preselected using the control terminal and then carried out using the tractor's spool valves. Only one double-acting hydraulic connection is required.

- Automatic individual lifting (see page 33)
- Optional hydraulic folding side guard
- Synchronous hydraulic working width adjustment
- Hydraulic transport release
- Weight alleviation pressure for mower units is adjusted manually at the hydraulic valve block
- Maintenance management – displays greasing and oil change intervals depending on operating time

Profiline comfort control system

With the Profiline comfort control system, you can control the NOVACAT V 10000 either using your ISOBUS tractor terminal or another control terminal such as the CCI 1200, EXPERT 75, or POWER CONTROL. The hydraulic oil supply is via load sensing.

- Independent hydraulic working width adjustment for both mower units
- Hydraulic weight alleviation with automatic working width adjustment
- Section Control activated by job computer
- Hydraulic guard folding and transport interlock



Automatic tilt control

The NOVACAT V 10000 can be equipped with an automatic tilt control system as an option. On slopes, the mower units are shifted automatically so that no streaks are left standing even if the mower combination drifts sideways. On mowers with the COLLECTOR system, the belt speed is automatically controlled so that when working along contours the belt conveying uphill runs at a higher speed, and vice versa. This guarantees uniform swaths.



Section Control

NOVACAT V 10000 mowers with the Profiline comfort control system are Section Control capable as standard. With the corresponding equipment on the tractor, the individual mower units can be automatically lifted and lowered at the headland, depending on the GPS position. The front mower is also controlled.



Always the right mounting height

On the NOVACAT V 10000 there is an indicator integrated into the display on the control unit for the correct mounting height. This means that if the hitch has been lowered during road transport to achieve a lower transport height, the correct operating height can be easily found again.

Correctly positioning the front hitch guarantees perfect ground tracking and uniform ground pressure over the mower's entire freedom of movement.

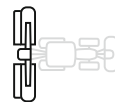


Automatic swath placement

Automatic swath placement makes mowing and merging easier. The cross conveyor units on the NOVACAT V 10000 COLLECTOR switch on and off automatically depending on which lane is chosen for the swath. The system is particularly easy to use, especially for intelligent swath merging when alternate lanes are skipped. The repetitive task of changing the direction of the conveyor system is handled automatically.

Swath merging





Swath merging

CROSS FLOW auger



Swath merging without a conditioner

CROSS FLOW is a cost effective system for merging swaths. A cross flow auger is integrated in the mower unit to deposit the forage in the way you want it to be: Either merged as a swath, spread over the working width of the rear mower or as a wide swath to the side.

CROSS FLOW is available for the NOVACAT V 9200 and V 10000.

Cost effectiveness

CROSS FLOW works without a conditioner and is characterised by its light tare weight compared to conventional swath merging systems. This not only conserves the soil, but also saves fuel: In comparison to the cross conveyor belt system, with CROSS FLOW 20% less power is required. The NOVACAT V 9200 CF in particular features impressively low weight and low power requirement.

Best forage

Dispensing with the conditioner means that your forage is handled with minimum impact. Thanks to the closed trough shape, the forage is transported directly from the sward to the swath. Dirt ingress is reduced to a minimum. In addition, disintegration losses are avoided. This provides optimum conditions for the best possible processing of plants that are rich in energy.

You can use the CROSS FLOW system in a variety of ways, both in grassland and for whole plant silage.

NOVADISC, NOVACAT



Maximum output

The auger has a diameter of 500 mm and is installed at a slight angle in the mower unit. This ensures optimum throughput. Even high volume ley grass crops and whole plant silage are placed in a clean and tidy swath while operating at a high output. Scraper bars on the rear panel of the auger ensure blockage-free operation with a wide variety of forage conditions.



Driveline

The cross flow auger is powered by a robust V-belt drive. This withstands the toughest stresses, whilst ensuring a low weight.

The damping effect of the belts ensures smooth operation even with changing densities of crop.

The V-belt driveline also provides overload protection.

Convenience

For the highest level of convenience, the rear flap can be opened hydraulically from the comfort of the tractor seat as standard. This makes the system ideal for flexible applications.

The CROSS FLOW system is versatile in the range of applications that it offers to make your working day in the field a great deal easier.

Quicker drying

When the cross flow auger is open, the crop is turned into the flow of forage and spread wide, which accelerates the drying of the crop.

Swath merging

COLLECTOR cross conveyor



Swath merging with a conditioner

With the COLLECTOR you can mow, condition and swath in just one pass. You save time and money and reduce your weather risk.

Mowers equipped with the COLLECTOR offer flexible swath merging with the conditioner and cross conveyor belts. This proven system stands out especially for its loose and airy swath placement.

The COLLECTOR is available for the NOVACAT V 10000 ED / RC.

Perfect ground tracking despite higher weight

Thanks to the hydraulic weight alleviation of the mower units on the NOVACAT V 10000, the pressure the cutter bar exerts on the ground can be easily adjusted. This ensures excellent ground tracking despite the higher weight due to the belt unit.

NOVADISC, NOVACAT



Maximum output

Even with large volumes of forage, your mower works reliably thanks to the large conditioner hood and the 980 mm wide belt. You are guaranteed neat swath placement at maximum output.



Driveline

On the NOVACAT V 10000 the cross conveyor belts are driven by the tractor's hydraulics.

With the standard Selectline preselect control system, the operating speed can be set using the oil flowrate function on the tractor remote and adjusted using the control terminal.

On machines with the Profiline comfort control system, oil is supplied via the load sensing system. You can adjust the speed electronically using the control terminal. An automatic mode can also be activated to control this.

Optional accelerator rollers ensure particularly narrow swath placement.



Optimum swath placement

A mechanically height-adjustable acceleration roller is available as an option for the NOVACAT V 10000 ED / RC. This lets you adjust the swath width.

Compact swaths formed by running both COLLECTOR belts to one side are possible with the optional swath rake.



Easy to remove

It only takes a few minutes to remove the conveyor belts and park them on an optional chassis.

Swath merging

Swath placement options

It's your choice ...

Depending on how you want to place the swath, you can hydraulically activate or deactivate the two swath merging units separately from the tractor seat.



Wide spread placement

For intensive drying of the mown material, both cross-conveyor system units are deactivated. This results in a wide blanket of forage.

On the NOVACAT V 10000 ED / RC COLLECTOR models, with the swath doors on the conditioner set close together, three separate compact swaths can also be deposited.



Swath formation

The swath is placed so that you can pick up and transport your forage away directly after mowing.

You save time and money. This means that on hot summer days, for example, you can ensure that the crop does not dry too fast before you can harvest it.



Intelligent swath placement

With the cross conveyor system activated on one side you can mow around 19 m in two lanes, but place the two swaths within approx. 12 m.

The perfect follow-up implement is a four-rotor centre-swath rake. In this way you can significantly reduce the number of passes and conserve the soil as well as your forage. You also save valuable time and fuel.



Intelligent mowing

When mowing along the field boundary, the cross conveyor system can transport the crop to the inside.

This ensures that your forage remains inside the field boundary during the subsequent tedding process.



Automatic swath placement

Automatic swath placement makes mowing and merging easier. The cross conveyor units on the NOVACAT V 10000 COLLECTOR switch on and off automatically depending on which lane is chosen for the swath.

The system is particularly easy to use, especially for intelligent swath merging when alternate lanes are skipped. The repetitive task of changing the direction of the conveyor system is handled automatically.



PÖTTINGER CONNECT telemetry unit

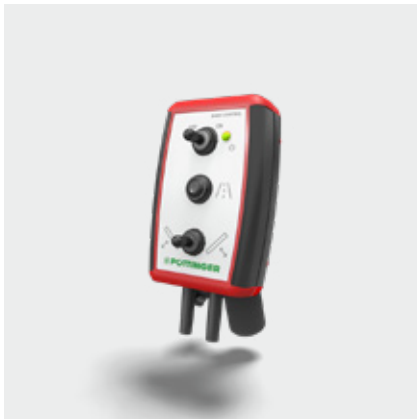
With the optional telemetry unit, machine data and service info, together with GPS position and operating time, can be transmitted to farm management systems.

When used on NOVACAT V 10000 mowers with swath merging and NOVACAT V 9200 CF mowers, the precise position of the swath can be displayed and evaluated in the HARVEST ASSIST app.

The drivers with the follow-up harvesting equipment can then differentiate between finished swaths and wide-spread forage by checking the app on their phones.

Digital agricultural machinery

Control terminals



BASIC CONTROL

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

Depending on the model, an actuator for the hydraulic transport interlock is included.



SELECT CONTROL

The SELECT CONTROL terminal features a user-friendly design. With clearly assigned function keys and a 4.3" colour touch screen, many machine functions can be pre-selected and operated using the tractor's hydraulic remote valves or controlled directly. The brightness of the display and keyboard can be adjusted as needed, ensuring optimum illumination at any time of day or night.



POWER CONTROL

The new entry-level POWER CONTROL terminal can be used to operate a wide selection of ISOBUS-capable machines made by PÖTTINGER.

The most important feature is the keys that are printed with the relevant machine functions to ensure intuitive operation for both experienced and newbie drivers.

More functions can be controlled and user inputs made using the 5" colour touch display. Optimised for day and night operation, the display also provides clear information on the operating status of the machine.



EXPERT 75

The compact 5.6" EXPERT 75 ISOBUS terminal can be operated both directly via the touchscreen and using keys or a scroll wheel. Safe one-hand operation is supported by the grip bar. The ambient light sensor and the illumination of the function keys ensure convenient handling even at night.

- Can be used for the whole ISOBUS fleet
- Compact size does not obstruct field of vision
- AEF certified
- AUX joystick compatible



CCI 1200

The 12" screen CCI 1200 ISOBUS terminal offers professional farmers a comprehensive function package to control all ISOBUS-compatible machines made by PÖTTINGER as well as other manufacturers. The terminal is operated like a tablet directly by touch. Navigation is kept simple so you find what you need with just a few taps. The terminal has a camera port. The integrated ambient light sensor automatically adjusts the brightness of the display.

- Flexible screen layout - can be configured individually
- AUX joystick compatible



ISOBUS

AUX CCI A3 joystick

The AUX CCI A3 joystick makes it easy to control any of your ISOBUS machines.

This is done using function keys that can be allocated freely and are separated by ridges. This avoids operator errors. Haptic feedback and all the icons displayed on the keys makes it even easier to work with the joystick.

Control concept	Operating element	NOVADISC	NOVACAT	NOVACAT	NOVACAT
		732, 812, 902	H 9500, H 11200	V 8400, V 9200	V 10000
Basicline preselect system	BASIC CONTROL	□	■	■	–
Selectline preselect control system	Tractor terminal via ISOBUS cable	–	–	□	■
	SELECT CONTROL	–	–	□	□
Profiline comfort control system	Tractor terminal via ISOBUS cable	–	–	–	□
	POWER CONTROL	–	–	–	□
	EXPERT 75	–	–	–	□
	CCI 1200	–	–	–	□
	ISOBUS AUX CCI A3 joystick	–	–	–	□

■ = Standard, □ = Optional

Digital agricultural technology



Manufacturer-independent, wireless data exchange

The agrirouter was developed by DKE-Data GmbH & Co. KG, working together closely with leading agricultural machinery manufacturers like PÖTTINGER. The objective was to create a platform for exchanging data between machines and farm management software. agrirouter is the result. agrirouter is a web-based, manufacturer-independent data platform that enables the exchange of data between machines, farm software and digital apps provided by different manufacturers.



The advantages of the agrirouter

Using the agrirouter offers many advantages for farm businesses. These include manufacturer-independent data exchange, greater efficiency in farm management, process optimisation, and easy-to-use digital documentation.

Data security and transparency

agrirouter displays data to support decision making. Farmers and contractors can choose which data is forwarded to each application.

We are ready for agrirouter

PÖTTINGER provides the capability of transmitting ISOBUS-compliant machine data to the agrirouter.

In addition to seed drills such as VITASEM, AEROSEM and TERRASEM, the machines covered also include rotor loader wagons, round balers, rakes and mowers. Compatible machines are always recognisable by the “ready for agrirouter” sticker.

PÖTTINGER customers can use the agrirouter to send job data from field indexing software or application maps, directly to their CCI 1200 terminal or to PÖTTINGER CONNECT, and save and display data relating to silage bales, for example, on their farm management system.



This QR code takes you directly to the applications.

Digital agricultural machinery

Software

HARVEST ASSIST – optimising forage harvesting

Achieve higher harvesting performance by using the free HARVEST ASSIST app. The app optimises the sequences between the mowers, tedders, rakes, mergers, loader wagons, round balers, and other individually configurable machines. This avoids delivery peaks at the clamp. The result is a mass flow-dependent field processing sequence for dynamic harvesting. The compaction vehicle at the clamp can then neatly distribute and compact each load of crop delivered one by one to produce the best forage.



Clear and intuitive

The status of each field is colour coded to indicate whether it is currently being processed, ready for the next process or whether harvesting has already been completed. This way, everyone in the team can see what is happening in which field right now.

For intuitive operation

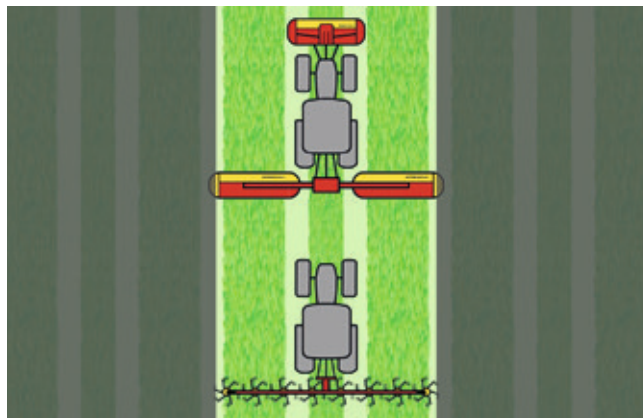
The app can be opened on your smartphone, so no additional hardware is required. You will quickly find your way around, because the app is designed so intuitively. For easy documentation, the each load is counted based on GPS data to determine the yield.



This QR code takes you directly to the application.

HAYTOOL ASSIST – the right tedder for the mower

Match your tedder to the working width of your mower to get the highest utilisation and best work quality from your machines. The best spreading quality is achieved when the tedder completely covers the swath of mowed grass on each pass. And ideally, the tractor should drive along a forage-free lane. The forage then remains loose on top of the grass stubble, making it an easy target for the tines. HAYTOOL ASSIST helps you quickly and easily find the right tedder for your mower.



Select your mower(s)

In the first step, you can combine front mowers with rear mowers or mower combinations, or select them individually. You can determine important options yourself:

- Mowing strategy (driving in a circle or mowing in passes)
- Number of swathing discs or swath width for mower with conditioner
- Mounting width for rear-mounted mowers or mower combinations

The mower swaths are displayed directly in an image according to your settings.

Find the right tedder

In the next step, you can select the tedder from our wide product range. The image shows at a glance whether the working width of the tedder matches the mower. For the best overview, the area not covered is darkened.

You can move the tedder left and right to try out all the possible configuration options.



This QR code takes you directly to the application.

Compatible products

SENSOSAFE



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.

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

NOVADISC, NOVACAT

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.



SENSOSAFE

The sensor bar is mounted directly on the front mower. If the sensors detect an animal, the mower's hydraulics system automatically raises the front mower. In addition, it sends a signal to the tractor cab so that the driver can stop the tractor.

SENSOSAFE is available as an option for NOVACAT ALPHA MOTION MASTER and PRO mowers.

SENSOSAFE 1000

On the SENSOSAFE 1000, the sensor bar is fitted to a mounting frame and utilises the front hitch hydraulics. The sensors send a signal to the tractor cab if anything is detected. This gives the driver plenty of time to stop the tractor and raise the mower.

This solution is manufacturer-independent and can be used with your existing mower.

SENSOSAFE 1000 is designed for mower combinations between 8 and 10 metres wide.

Equipment options



Front mounted mowers

	Swathing discs inner / outer	Additional swathing discs	Feed cone	Wear skids
NOVACAT F 2700/F 3100	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT F 3100 OC	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT 261 ALPHA MOTION MASTER / PRO	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT 261 ALPHA MOTION PRO ED / RC	-	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT 301 ALPHA MOTION MASTER/PRO	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT 301 ALPHA MOTION PRO ED / RC	-	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT 351 ALPHA MOTION MASTER/PRO	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT 351 ALPHA MOTION PRO ED / RC	-	-	<input type="checkbox"/>	<input type="checkbox"/>

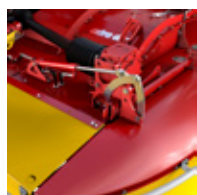
Mower combinations

NOVADISC 732, 812, 902	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT H 9500, H 11200	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 8400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 8400 ED/RC	-	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 9200	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 9200 ED/RC	-	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 9200 CF	-	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 10000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 10000 CF	-	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 10000 ED / RC	-	-	<input type="checkbox"/>	<input type="checkbox"/>
NOVACAT V 10000 ED / RC COLLECTOR	-	-	<input type="checkbox"/>	<input type="checkbox"/>

More equipment options

- + Cable hose set for operating the hydraulic folding side guard on the NOVACAT ALPHA MOTION
- + Wide setting for NOVACAT RC
- + Swath rake for NOVACAT V 10000 COLLECTOR
- + Central greasing point on NOVACAT V 10000 ED and NOVACAT 10000 ED COLLECTOR

NOVADISC, NOVACAT



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

Parking stands

**Hydraulic folding
side guard**

**Chassis
Conditioners**

**Hose set for NOVACAT
ALPHA MOTION**

**Warning signs 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"/>
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<input type="checkbox"/>	-	<input type="checkbox"/>	-	-	<input checked="" type="checkbox"/>
<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input checked="" type="checkbox"/>
<input type="checkbox"/>	-	-	-	-	<input checked="" type="checkbox"/>
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Configure your own machine.

■ = Standard, □ = Optional

Technical data

Front mounted mowers	Working width	Mounting	PTO speed	Hectares per hour up to acres/h / ha/h
NOVACAT F 2700	2.62 m	Cat. 2	1,000 rpm	2.60
NOVACAT F 3100	3.04 m	Cat. 2	1,000 rpm	3.00
NOVACAT F 3100 OC	3.04 m	Cat. 2	1,000 rpm	3.00
NOVACAT 261 ALPHA MOTION MASTER	2.62 m	Cat. 2	1,000 rpm	2.60
NOVACAT 261 ALPHA MOTION PRO	2.62 m	Cat. 2	1,000 rpm	2.60
NOVACAT 261 ALPHA MOTION ED PRO	2.62 m	Cat. 2	1,000 rpm	2.60
NOVACAT 261 ALPHA MOTION RC PRO	2.62 m	Cat. 2	1,000 rpm	2.60
NOVACAT 301 ALPHA MOTION MASTER	3.04 m	Cat. 2	1,000 rpm	3.00
NOVACAT 301 ALPHA MOTION PRO	3.04 m	Cat. 2	1,000 rpm	3.00
NOVACAT 301 ALPHA MOTION ED PRO	3.04 m	Cat. 2	1,000 rpm	3.00
NOVACAT 301 ALPHA MOTION RC PRO	3.04 m	Cat. 2	1,000 rpm	3.00
NOVACAT 351 ALPHA MOTION MASTER	3.46 m	Cat. 2	1,000 rpm	3.40
NOVACAT 351 ALPHA MOTION PRO	3.46 m	Cat. 2	1,000 rpm	3.40
NOVACAT 351 ALPHA MOTION ED PRO	3.46 m	Cat. 2	1,000 rpm	3.40
NOVACAT 351 ALPHA MOTION RC PRO	3.46 m	Cat. 2	1,000 rpm	3.40

Mower combinations	Working width	Mounting	Mower discs	Hectares per hour up to	PTO speed
NOVADISC 732	7.24 m	Cat. 2, Cat. 3N	2 x 6	7	1000 rpm
NOVADISC 812	8.08 m	Cat. 2, Cat. 3N	2 x 7	9	1000 rpm
NOVADISC 902	8.92 m	Cat. 2, Cat. 3N	2 x 8	11	1000 rpm
NOVACAT H 9500	9.04 m / 9.46 m	Cat. 3	2 x 8	11	1000 rpm
NOVACAT H 11200	10.72 m / 11.14 m	Cat. 3	2 x 10	13	1000 rpm
NOVACAT V 8400	8.12 m / 8.36 m	Cat. 3N, Cat. 3	2 x 7	10	1000 rpm
NOVACAT V 8400 ED	8.12 m / 8.36 m	Cat. 3N, Cat. 3	2 x 7	10	1000 rpm
NOVACAT V 8400 RC	8.12 m / 8.36 m	Cat. 3N, Cat. 3	2 x 7	10	1000 rpm
NOVACAT V 9200	8.95 m / 9.20 m	Cat. 3N, Cat. 3	2 x 8	12	1000 rpm
NOVACAT V 9200 ED	8.95 m / 9.20 m	Cat. 3N, Cat. 3	2 x 8	12	1000 rpm
NOVACAT V 9200 ED	8.95 m / 9.20 m	Cat. 3N, Cat. 3	2 x 8	12	1000 rpm
NOVACAT V 9200 CF	8.95 m / 9.20 m	Cat. 3N, Cat. 3	2 x 8	12	1000 rpm
NOVACAT V 10000	8.88 m – 9.62 m 9.28 m – 10.02 m	Cat. 3, Cat. 4N	2 x 8	12	1000 rpm
NOVACAT V 10000 ED	8.88 m – 9.62 m 9.28 m – 10.02 m	Cat. 3, Cat. 4N	2 x 8	12	1000 rpm
NOVACAT V 10000 RC	8.88 m – 9.62 m 9.28 m – 10.02 m	Cat. 3, Cat. 4N	2 x 8	12	1000 rpm
NOVACAT V 10000 ED CL	8.88 m – 9.62 m 9.28 m – 10.02 m	Cat. 3, Cat. 4N	2 x 8	12	1000 rpm
NOVACAT V 10000 RC CL	8.88 m – 9.62 m 9.28 m – 10.02 m	Cat. 3, Cat. 4N	2 x 8	12	1000 rpm
NOVACAT V 10000 CF	8.88 m – 9.62 m 9.28 m – 10.02 m	Cat. 3, Cat. 4N	2 x 8	12	1000 rpm

Cat. 2 = dia. 2 / width 2, Cat. 3N = dia. 3 / width 2, Cat. 3 = dia. 3 / width 3, Cat. 4N = dia. 4 / width 3

NOVADISC, NOVACAT

Mower discs	Placement width without swathing discs	Placement width 2 / 4 swathing discs	Transport width	Weight
6	1.70 m	1.20 m / –	2.57 m	650 kg
7	2.10 m	1.40 m / –	2.98 m	680 kg
7	2.10 m	1.40 m / –	2.98 m	690 kg
6	1.70 m	1.30 m / 1.10 m	2.57 m	845 kg
6	1.70 m	1.30 m / 1.10 m	2.57 m	865 kg
6	–	–	2.57 m	1065 kg
6	–	–	2.57 m	1115 kg
7	2.10 m	1.40 m / 1.10 m	2.98 m	885 kg
7	2.10 m	1.40 m / 1.10 m	2.98 m	905 kg
7	–	–	2.98 m	1145 kg
7	–	–	2.98 m	1215 kg
8	2.60 m	2.00 m / 1.60 m	3.42 m	965 kg
8	2.60 m	2.00 m / 1.60 m	3.42 m	985 kg
8	–	–	3.42 m	1265 kg
8	–	–	3.42 m	1315 kg

Distance between rear mowers	Placement width without swathing discs	Placement width with 2 / 4 swathing discs	Transport height	Weight
2.00 m	1.70 m	1.50 m / 1.10 m	3.10 m	1250 kg
2.00 m	2.30 m	1.70 m / 1.30 m	3.50 m	1435 kg
2.00 m	2.50 m	2.10 m / 1.70 m	3.90 m	1560 kg
2.12 m / 2.54 m	2.50 m	2.10 m / –	–	1800 kg
2.12 m / 2.54 m	3.60 m	3.00 m / –	–	2040 kg
2.03 m / 2.28 m	2.10 m	1.70 m / 1.30 m	3.60 m	1890 kg
2.03 m / 2.28 m	1.80 m – 2.70 m	–	3.60 m	2420 kg
2.03 m / 2.28 m	1.80 m – 2.70 m	–	3.60 m	2420 kg
2.03 m / 2.28 m	2.50 m	2.10 m / 1.70 m	3.99 m	1990 kg
2.03 m / 2.28 m	2.20 m – 3.10 m	–	3.99 m	2620 kg
2.03 m / 2.28 m	2.20 m – 3.00 m	–	3.99 m	2620 kg
2.03 m / 2.28 m	–	–	3.99 m	2900 kg
1.96 m – 2.70 m 2.36 m – 3.10 m	2.50 m	2.10 m / 1.70 m	3.99 m	2350 kg
1.96 m – 2.70 m 2.36 m – 3.10 m	2.20 m – 3.10 m	–	3.99 m	3080 kg
1.96 m – 2.70 m 2.36 m – 3.10 m	2.20 m – 3.00 m	–	3.99 m	3160 kg
1.96 m – 2.70 m 2.36 m – 3.10 m	2.20 m – 3.10 m	–	3.99 m	3780 kg
1.96 m – 2.70 m 2.36 m – 3.10 m	2.20 m – 3.00 m	–	3.99 m	3890 kg
1.96 m – 2.70 m 2.36 m – 3.10 m	–	–	3.99 m	3310 kg



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- Perfect fit
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- Specialist for arable and grassland
- Future-safe innovation for outstanding working results
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- First class cutting quality with the field-proven PÖTTINGER cutter bar
- High quality design of strong and reliable mowers
- Straightforward and convenient operation

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