Multipurpose rotor loader wagon
JUMBO 5000

PÖTTINGER

Compact. Powerful. Premium.

97+130.EN.0724

Compact. Powerful. Premium.

To meet high expectations in the field, this compact loader wagon in the PÖTTINGER high performance JUMBO series is packed with proven technology. The JUMBO 5000 combines the key performance features in one machine and covers almost every application.
The JUMBO 5000 series guarantees clean and tidy crop collection in all operating conditions throughout the harvesting season, ensuring optimum forage quality for your livestock.
Then there is the JUMBO Dry Forage (DF), which is a loader wagon for transporting dry materials such as hay, straw and alfalfa, this model features an impressive maximum load volume.

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All information on technical data, dimensions, weights, output, etc. and the images shown, are approximate and are not binding.
The machines shown do not feature country-specific equipment and may include equipment that is not supplied as standard, or is not available in all regions. Your PÖTTINGER dealership would be pleased to provide you with more information.

The best forage

The basis for your success

The best forage is always worth it, for farmers as well as contractors.
Focusing on the highest quality forage also helps contractors and forage dealers maintain excellent relations with existing customers and win new ones.

Achieving the best forage begins long before harvesting. A healthy, high-energy and well-balanced crop is essential. The cutting time is crucial for obtaining full energy levels from it.
Once the grass has been mown it begins to respire and lose energy. The longer it is left unattended, the less energy the forage contains. The aim, therefore, is short wilting times and optimum dry matter content in order to achieve the best quality forage.
If the forage is too dry, ensiling will not be ideal, and if it is too wet a lot of energy will be lost through fermentation, plus there is a risk of unwanted bacteria developing.

Maintain sufficient stubble height and reduce contamination, use PÖTTINGER agricultural technology to keep the forage clean and you will harvest forage of the highest possible quality.

For your customers

As a contractor your task is to harvest the best forage for your customers as quickly as possible.
To encourage customers to stick with you in future, you need to ensure they are satisfied over the long term.

The success of a farmer's business depends on the quality of the forage you collect for them. If the farmer cannot fully exploit the potential yield of their herd, there is a risk of losing them as a customer if they choose to look elsewhere.

That gives you sufficient reason to do everything possible from the outset to keep the customer satisfied.
PÖTTINGER agricultural technology provides the ideal basis for this because it ensures optimum ground tracking and minimal dirt ingress as a result.
What's more, PÖTTINGER machines are designed for maximum forage conservation and the highest possible output, resulting in the best forage harvest in the shortest possible time.

For your livestock

As a farmer, you know:
High yield livestock need a high quality basic ration.

Ruminants are fussy about their forage. The quality of the basic ration they are given, in other words its energy content, digestibility, odour and taste, determines whether your animals consume large amounts of it.

Livestock are happy to eat clean, tasty forage, which means that the amount of concentrates can be reduced. This cuts feeding costs while at the same time improving animal health.
Healthy livestock reward you with higher fertility, a longer useful life and ultimately, higher milk and meat yields.

The bottom line is that you benefit from clean, high quality forage with more profit from your farm business.

Don't feed your animals crude ash!

"There are many reasons why high raw ash content prevents economical milk production. The best quality basic ration is required if cows are to remain healthy, fertile and produce a lot of milk. The basic ration should contain as little earth and sand as possible. These contaminants, shown as crude ash in feed composition analysis, cause undesirable side effects.
The function of the reticulum-rumen system is reduced. Organisms that affect the ensiling process, such as clostridium, can be brought in. The yield ability, health and fertility of dairy cows suffers as a result."

Dr. Michael Neumayer
Veterinarian
Neukirchen am Großvenediger | Austria

Reliability

Maximum reliability

Today, ever larger areas are expected to be covered in ever shorter harvest windows. That is why it is more important than ever to have machinery you can really rely on.

For this reason, the JUMBO has been designed for maximum reliability. One of the greatest challenges here is to ensure clean crop collection under all operating conditions and throughout the entire season.

Safely through all operating conditions

The 6 and 7 row pick-ups are controlled from both ends by a steel cam track. Their tines are slightly trailing, which prevents them from digging into the ground and damaging the sward.

This guarantees maximum performance at high travelling speeds, as well as constant intake.

The JUMBO delivers reliable crop harvesting under all kinds of operating conditions, whether the crop is wilted silage, wet silage (< 30% DM), whole crop or straw.

The tine control ensures a longer active conveyor effect right up to the withdrawal point. This ensures the forage is transferred to the rotor perfectly.

Thanks to the reduced speed of the rotor, the forage is not “dragged through”. The existing alignment of stalks in the swath is retained, transferred 1:1 to the rotor and guarantees the best possible chopping quality.

Reliable and dependable

As soon as the large rotor with its optimised tine contour has taken up the forage from the pick-up, it transfers it gently through the 34 mm short-chop knife bank.

Should foreign objects enter the crop flow the patented individual knife protection system lets them pass through and automatically returns the knife to the starting position. The individual knife protection system stops objects from being broken up and entering the forage, so there is no risk of injuring the animals' digestive tract.
This ensures that the loader wagon, the knives, and your animals, are effectively protected against damage and costly downtimes during the harvest are avoided.

Reliability

1 A controlled floating pick-up

2 Loading system

3 Moveable front panel

Power transmission up to 2,500 Nm

The proven drive train on the JUMBO 5000 is designed for high performance and is suitable for tractors up to 360 hp.

A controlled floating pick-up

The mechanically controlled floating pick-up with an effective width of 2,350 mm according to DIN ensures maximum intake at every loading speed.

Loading system

The system delivers maximum throughput thanks to the extended transfer throat and the large rotor with a diameter of 800 mm.

Scraper floor

A 2 speed motor is installed as standard to ensure high unloading performance.

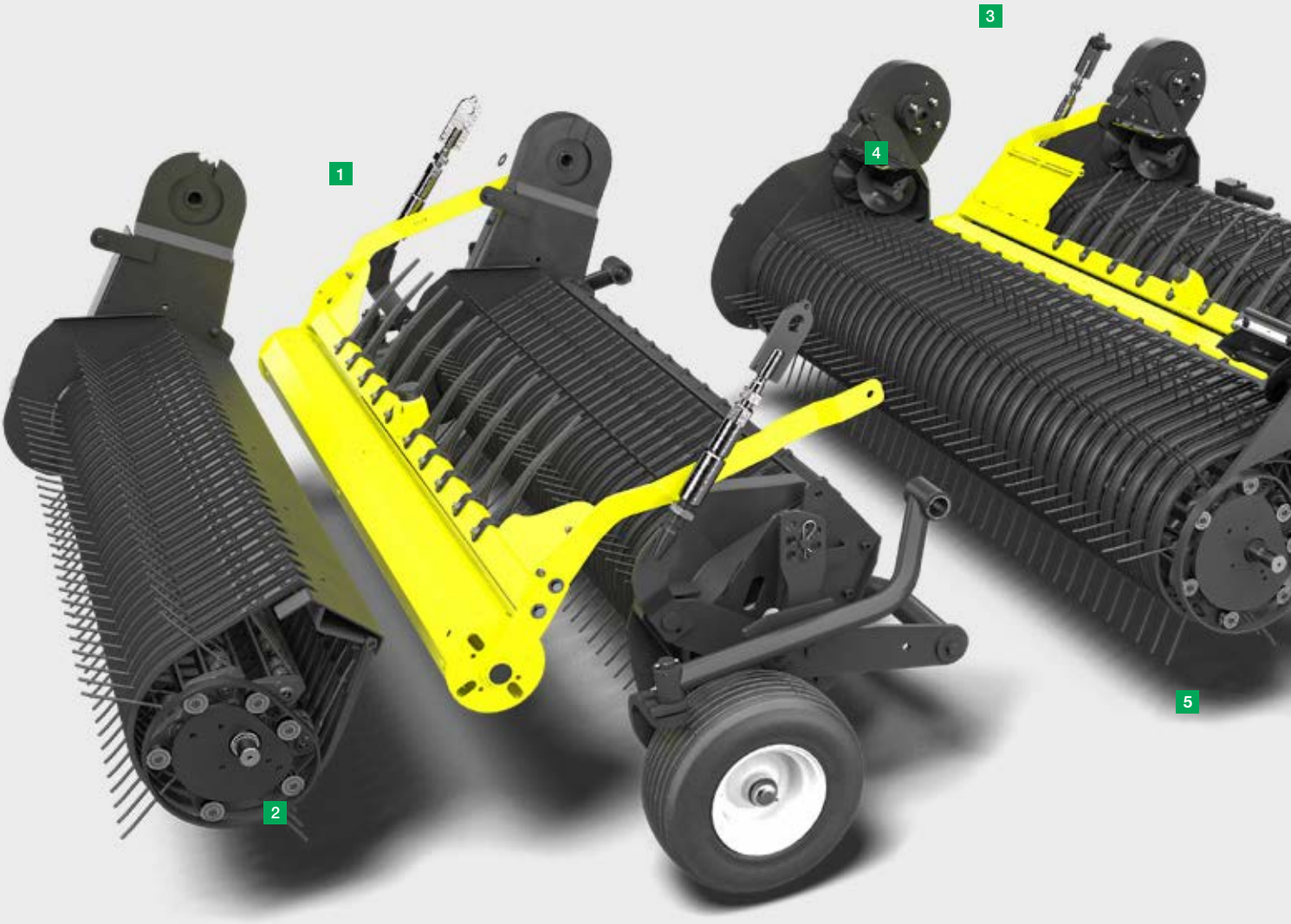
Moveable front panel

The front panel optimises the loading chamber and features an optional loading and unloading strategy for large loads.

Beaters

The powerful beater drive train delivers an output of 160 kW and also protects the drive components. The new beater rotors with V-twist ensure optimum loosening and rapid unloading even with a high compaction crop.

Reliability



1 6-row all-rounder pick-up

2 Cam track control

3 7-row Profi pick-up

4 Actively driven feed augers

5 DURASTAR tines

Perfect ground tracking

Regardless of the terrain in which you use your JUMBO, the floating pick-up adapts perfectly to the ground contours and protects the crop against contamination.

The optional pick-up jockey wheel chassis with floating function features a patented parallel linkage for unique ground tracking.

All-rounder pick-up

The standard pick-up for conventional silage work.

Profi pick-up

The optional high-performance pick-up for high density, wide swaths.

Cam track control

The shape of the cam track ensures optimum movement of the tines.
The tines, which are controlled in a sweeping arc, will only take up crop at the correct angle if they are guided by a cam track. They convey the crop gently upwards and actively transfer it to the rotor at a synchronised speed. The tines then dip down at right angles to prevent the forage from being drawn in.

Tines

The optimised DURASTAR pick-up tines with a wire thickness of 6 mm enable a 20% longer service life with consistently high collection quality. This cuts wear costs.

Reliability

6-row all-rounder pick-up

The standard controlled floating pick-up with an effective DIN width of 1,890 mm and 6 rows of tines is the perfect choice for conventional silage work.

The tine carriers are reliably guided by a cam track at either end. The simple, lightweight design without additional side augers delivers impressive results.

The 6-row all-round pick-up can adapt perfectly to undulations in the ground with a floating arc of 170 mm. This ensures optimum forage collection and reduces losses. In addition, the pick-up has an adjustable suspension spring for weight alleviation.

Outer width including jockey wheels: 2.55 m

7-row Profi pick-up

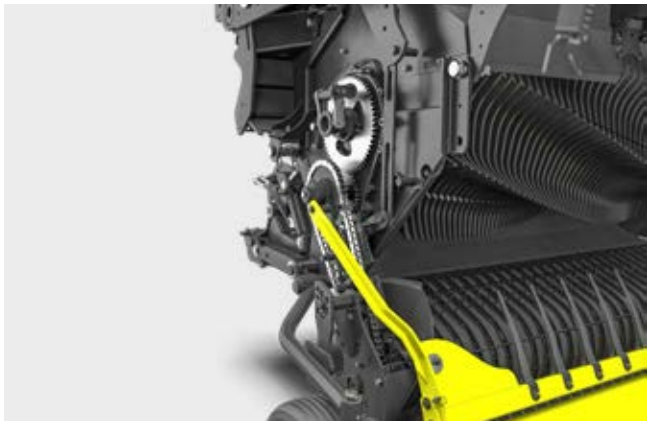
With its effective DIN width of 2,350 mm, the optional 7-row extra-wide floating pick-up is the right choice for handling higher density swaths.

The tine carriers are supported in the centre and guided by cam tracks at both ends. Side augers reliably feed the material into the rotor. The rotor fingers can then easily engage with the crop and pull it through the knives.

Thanks to the lateral freedom of movement of 170 mm on the 7-row Profi pick-up, it achieves perfect ground tracking to precisely follow the ground contours.

The pressure applied to the ground can be adjusted hydraulically.
This ensures maximum conservation of the sward while collecting all the crop cleanly and tidily.

Outer width including jockey wheels: 2.99 m



Pick-up driveline

The pick-up is driven mechanically by the rotor. This means that their speeds are perfectly matched.

The pick-up switches off automatically when it is lifted. At headlands the loading unit switches o¤ automatically when the pick-up is raised, so there is no problem driving over swaths and into the clamp.

Swath roller

The swath roller and crop transfer rods ensure perfect crop flow at high driving speeds.
This is fitted as standard and can be set to match different sizes of swath. The angle of the roller and the crop transfer rods can be adjusted.

The plastic crop transfer rods also have a damping effect to ensure that the crop is guided evenly across the entire width.

Jockey wheels

Side-mounted jockey wheels that are easily height-adjustable guide the pick-up over uneven ground.

The wheels contact the ground on exactly the same line as the tines and guide them over the ground contours. This not only protects the sward, but also ensures that all the forage is picked up cleanly and tidily.

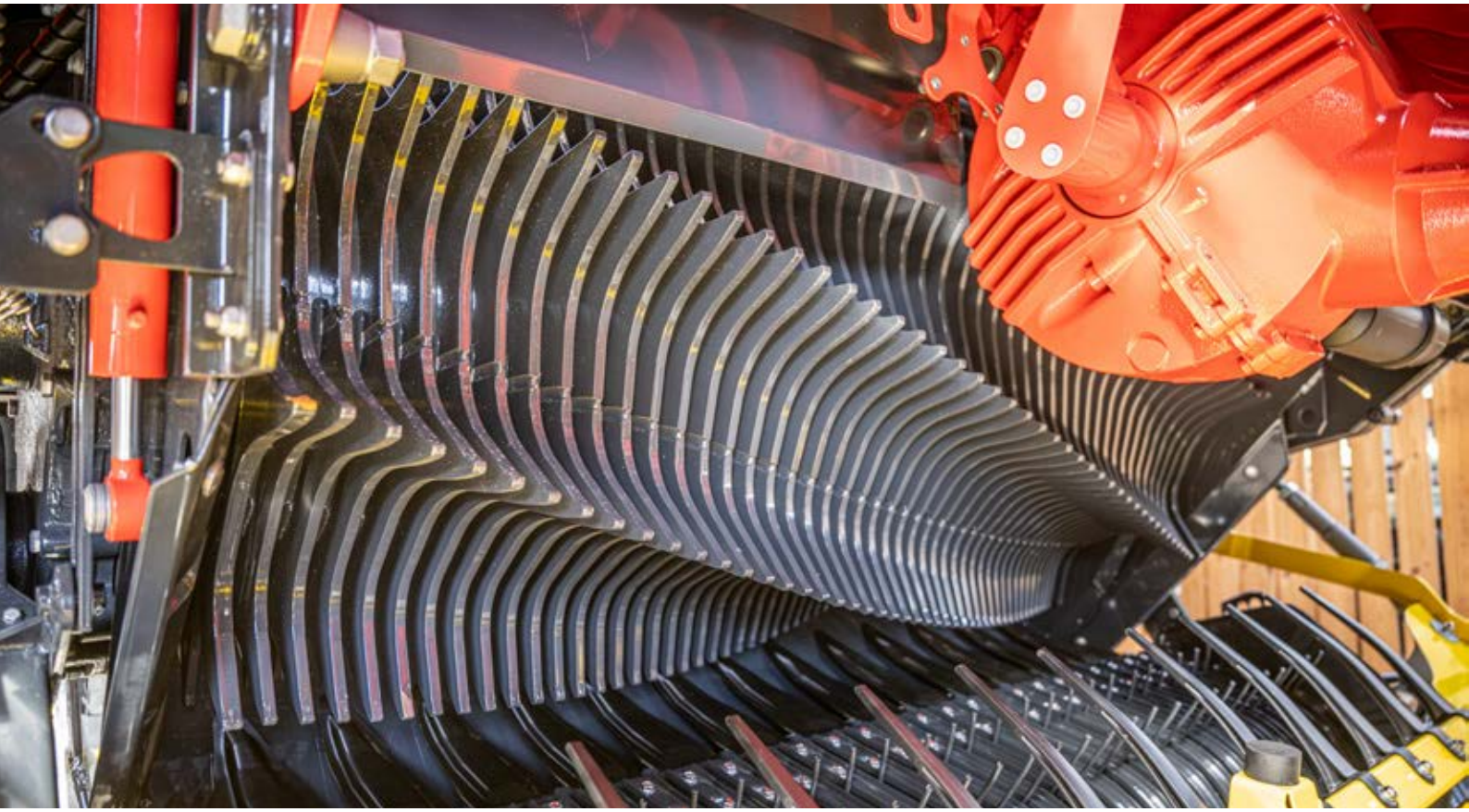
The jockey wheels are castor-type for optimum conservation of the sward, even when cornering.

Jockey wheel chassis

The optional additional tracking roller prevents the pick-up sinking into tractor wheel marks. It is located on the centreline behind the pick-up and covers a wide area of ground thanks to its generous dimensions.
Together with the two jockey wheels, the wide additional tracking roller forms a strong support triangle for perfect ground tracking.
This considerably reduces the tines scraping the soil so contamination of the forage is largely avoided.

The additional tracking roller also guarantees clean forage collection in hilly terrain.

Reliability



Loading rotor

The key component on the JUMBO 5000 is the loading rotor. As the heart of the machine, its robustness and performance are what stand out. The rotor and its gearbox deliver high output chopping and compression.

The rotor is driven by a PTO shaft with a wide-angled joint at both ends and a cam-type clutch to protect the drive train. The large-dimensioned grease filled rotor side drive gearbox is completely maintenance-free.

The bearing is located on the rotor frame between the rotor and gearbox to provide the best protection to the bearing and gearbox.
The driveline is protected at an impressive torque of 2500 Nm, corresponding to a peak performance of 360 hp.

A maximum loading capacity without torque peaks for continuous crop flow is ensured by the loading rotor which has eight rows of tines arranged in a helix.
With a width of 1,560 mm, the rotor on the JUMBO 5000 is particularly effective.

The loading rotor has a diameter of 800 mm and, thanks to the helix arrangement of the tines, it can actively feed the forage smoothly through the 34 mm chopping system.
The high intake capacity is predestined for the highes efficiency and performance.

Optimised tine tip

The new tine tip on the 8-row rotor now has more material in the area subjected to the highest load. The best possible compression is achieved by the optimised tine shape in combination with the large scraper surfaces inside the loading chamber. This adds durability and ensures an extended service life.

The wide tips on the rotor tines transfer the crop perfectly from the pick-up, even with wet and short material.

Scrapers

Each of the scrapers in the loading chamber has a wide backing, so the large scraper surface ensures best possible crop retention in the loading chamber.
The crop is cleanly scraped off the rotor and is not drawn in.

This allows a high degree of compaction in the loading chamber if need be, which increases the cost effectiveness even when field to farm distances are long.

The scrapers are made of wear-resistant Hardox which gives you the longest possible service life.

Transfer throat

With a width of 1650 mm, the transfer throat ensures high efficiency during the chopping process.
The crop is already compressed in the transfer throat to make full use of the loading chamber.

Chopping unit rear wall

The chopping unit rear wall on the JUMBO consists of wear-resistant fine-grained steel. This greatly increases the service life.

Efficiency

Effective and efficient

The new JUMBO range unites the key features of forage harvesting and transport in a single unit:
Clean crop collection, the outstanding reliability of a loader wagon, the flexibility and capacity of a transport trailer, precise chopping quality and the high throughput of a forage harvester.

The high demands made on modern high-performance loader wagons in the field have been incorporated into the latest JUMBO generation. The new JUMBO 5000 closes the circle of different performance classes in loader wagons at PÖTTINGER, the world market leader.

Perfect cut

Short-chopped forage is not only beneficial for feeding ruminants, saving on concentrates, it can also be compacted effectively and efficiently in the clamp.

Thanks to the POWERCUT short-chop chopping system with 45 DURASTAR knives, the forage is cut into packages just 34 mm in size. This means that as much forage as possible fits into the clamp and can be compacted effectively.

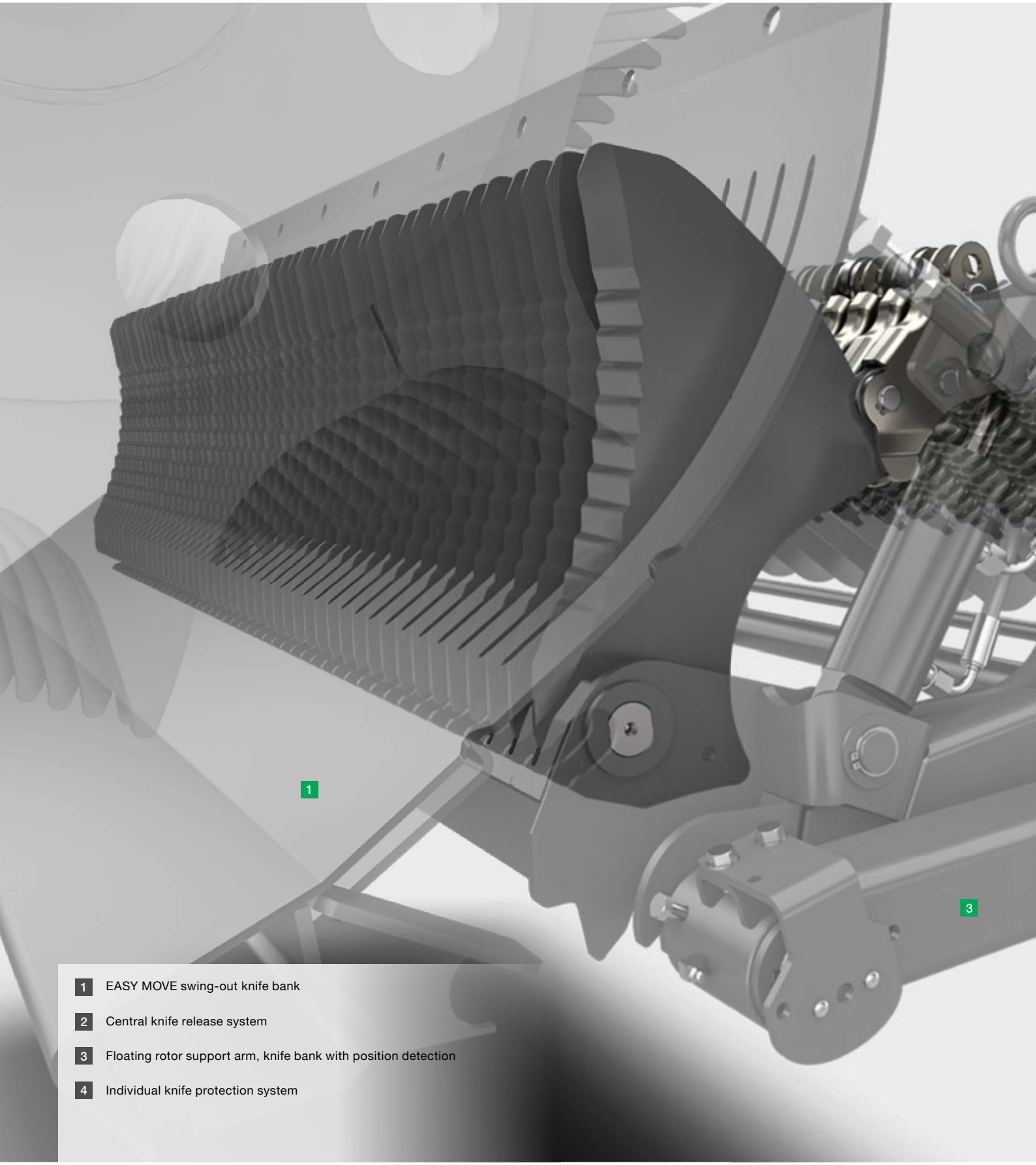
These parameters lead to rapid pH reduction, which reduces the risk of fermentation errors and guarantees the stability of the grass silage. It also has a positive effect on dry matter consumption and the health of the animals, enabling them to reach high yields more efficiently.

Working efficiently

Efficient work is needed to make long working days as pleasant as possible. The numerous features on the JUMBO 5000 make everyday work a pleasure.

Thanks to the EASY MOVE swing-out knife bank, it is easy to change and reverse the knives while maintaining an ergonomic posture.
The knives are all individually protected against foreign objects, which prevents inefficient downtimes.
The knives can be sharpened very easily during a break using the fully automatic AUTOCUT sharpening system, ensuring that the blades of the knives are sharp and operate efficiently at all times.

Efficiency

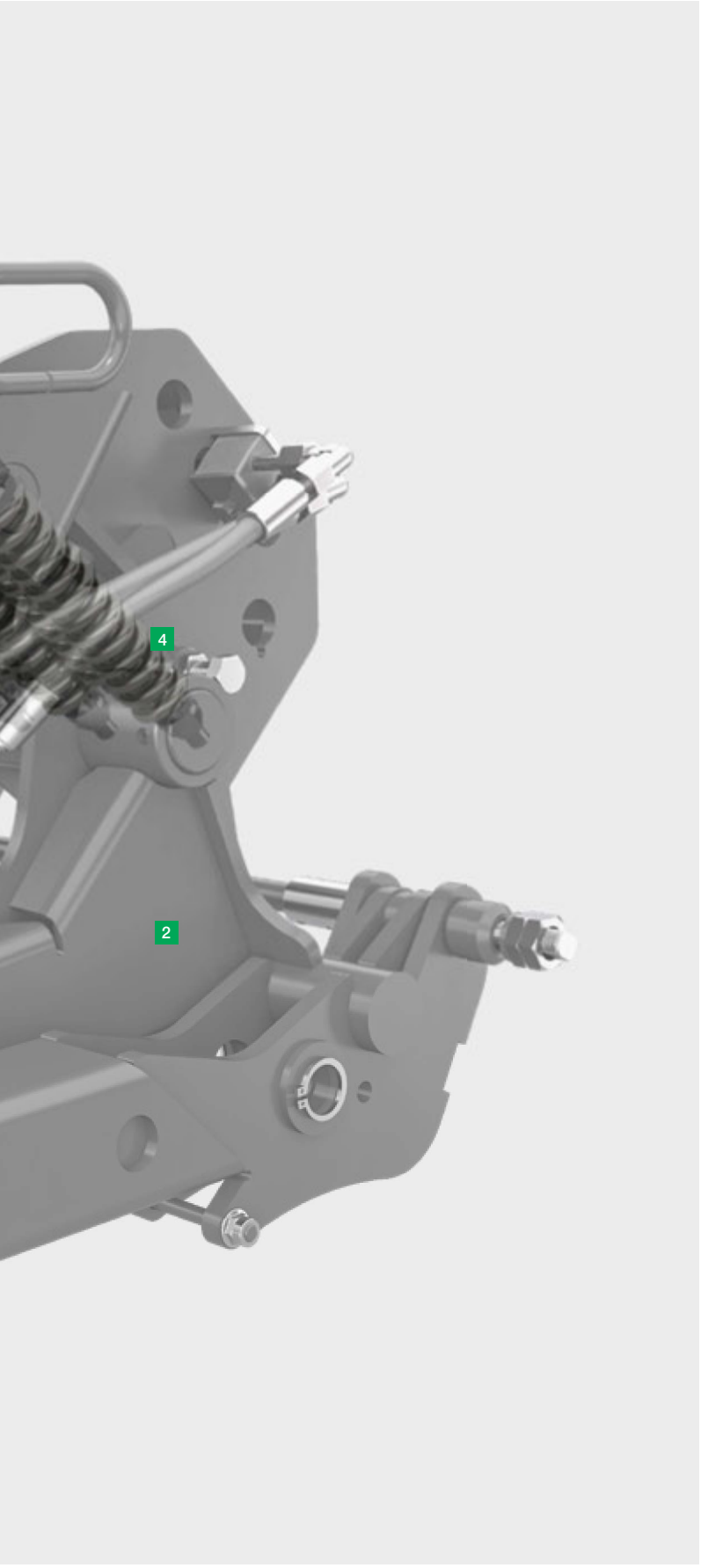


1 EASY MOVE swing-out knife bank

2 Central knife release system

3 Floating rotor support arm, knife bank with position detection

4 Individual knife protection system



34 mm chopped length

The proven POWERCUT short-chop chopping system on board the JUMBO 5000 series is the ideal solution for efficient harvesting with the best chopping quality.
The 45 knives are arranged asymmetrically to the rotor tines for a clean and tidy chopping action and are individually protected against foreign objects.

EASY MOVE

The EASY MOVE knife bank offers maximum ease of use and straightforward maintenance. The knife bank requires no tools and pivots out to the sides.

Central knife release system

The hydraulic central knife release system is operated at the press of a button and allows rapid knife replacement without the need for tools.

Patented individual knife protection system

The knife protection system is operated by a trigger mechanism and provides double protection: the knife is first damped and then swung out of the interlock. Afterwards it is automatically returned to its original position.

AUTOCUT

The fully automatic knife sharpening system with an electro-hydraulic drive system.

Efficiency

EASY MOVE swing-out knife bank

The unique EASY MOVE swing-out knife bank makes light work of changing and reversing the knives.

Press the button on the side of the wagon to swing the knife bank out. The knives simply swivel out after the mechanical safety interlock is released.
Servicing is then safe and easy to perform from the side.

A central hydraulic knife release system is standard.
Simply press the release button to disengage the knives so they can easily be removed without the need for tools.

Simply convenient

The easily accessible swing-out knife bank is located in an ergonomic position for maintenance, service and inspection work.
Thanks to this comfortable way of working, knives are checked more often and the loader wagon is always in peak operating condition.
The knives can be changed or reversed simply and safely from outside the loader wagon thanks to EASY MOVE.

Knife quality

The knives are designed for optimum throughput and made of hardened DURASTAR tool steel. The serrated edge ensures a consistent and precise chop.
The extra thick rear edge of the knife guarantees maximum reliability.

Individual knife protection system

PÖTTINGER protects your loader wagon with our patented individual knife protection system.
Foreign objects are a danger to your livestock and the loader wagon. Moreover, downtime is costly and reduces the quality of the forage.

The triggering force of the knife protection system is adapted to the high throughput capacity. The knives are held in the correct position to make sure that they chop consistently. The knife retention springs and tilting levers on the proven individual knife protection system are recessed safely out of the way. This greatly reduces the contamination of the knife holders.

1. Foreign objects trigger the protection system. The knife moves in the direction of crop flow.
2. The trigger roller is lifted out of its holder behind the knife.
3. The resistance of the knife is suddenly reduced so that the knife can allow the foreign object to pass through.
4. The knife is then automatically returned to its original position.

Any stones in the forage are not pulverised. The livestock leave the foreign objects untouched at the feed barrier, thus preventing injuries to the digestive tract.

TWIN BLADE

Turnover instead of replace with the optional TWIN BLADE reversible knives on the JUMBO 5000.
Its new and patented shape gives you double the service life.

With TWIN BLADE you have a fresh blade to hand without needing to sharpen the knives or to have a second set with you.

Efficiency

AUTOCUT fully automatic knife sharpening system

A precise and consistent chop is the basis for the best silage quality. AUTOCUT ensures that you and your customers have chopping quality that remains consistently high all day long.

Only really sharp knives can guarantee optimum chopping quality, lower power consumption and increased output. The optional AUTOCUT knife sharpening system is a convenient way of sharpening the knives fully automatically on the loader wagon itself.
The number of sharpening cycles can easily be preset using the control terminal, depending on the wear of the knives.

With knives that are permanently sharp, you can reduce fuel consumption by up to 15%.
Maintenance work is also reduced by about 45 minutes per day, because automatic sharpening can take place during a break.

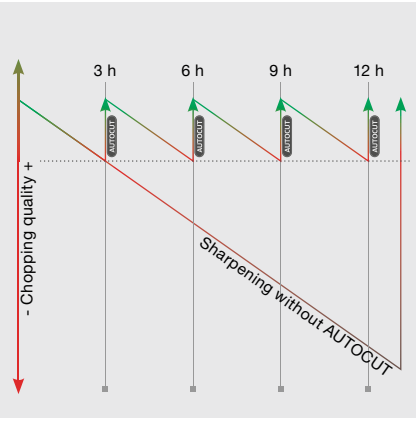
Electro-hydraulic drive system

The AUTOCUT on the JUMBO has an electro-hydraulic drive system which significantly reduces sharpening times.

The sharpening procedures can be individually adapted to what is required for the job in hand. The sharpening head can be adjusted in two dimensions to perfectly match the knife geometry.

The grinding stone, which is specially adapted to our knives, has a long service life and is very easy to change.
This results in significant advantages over the use of flap discs.

1 Simple operation: All knife functions and the parallel lift drawbar can be operated from the standard control panel on the side of the wagon.
2 All AUTOCUT functions are operated using the additional control terminal.



Less servicing

AUTOCUT sharpens the complete set of knives fully automatically in next to no time.
The number of sharpening cycles can be selected on the control terminal depending on the level of wear.

AUTOCUT reduces your maintenance work by up to 45 minutes per day.

AUTOCUT advantages

- Knives always sharp
- 45 minutes less maintenance time per day
- Fully automatic sharpening of the complete set of knives at the press of a button
- Sharpening head adjustable in two dimensions
- Sharpening intensity can be regulated as needed
- Even wear on all knives
- 15% reduction in fuel consumption

Increase profit with sharp knives

"The quality of the cut is important so that you can compress the grass to expel all the air. If I have silage with a high protein and energy content, then I can expect to obtain a high milk yield and only need small quantities of additives - that is what makes production much more efficient."

Hans-Willi Thelen
Organic dairy farmer and
TPS contractors
Kall | Germany

Cost effectiveness

The cost effective process

The JUMBO can carry out the operations of crop take-up, chopping, compaction and transport in one machine. That is why the loader wagon is often referred to as a two-person harvest system.

The JUMBO is a multipurpose loader wagon that meets the requirements of a fully-fledged transport wagon. As a result, it can be used for a multitude of tasks apart from grassland harvesting. This ensures high machine utilisation and maximises the cost effectiveness of your JUMBO.

The loader wagon process guarantees the best quality forage and silage at low harvesting costs, making it the harvesting process of the future.

Better ensiling

It is in the silage process that the loader wagon really comes into its own. Each of the fields can be harvested in sequence depending on its intensity. Consequently, the fields to be harvested and the wilted stage of the silage can be alternated flexibly to generate a perfect mix of forage.

To give the vehicles used for rolling sufficient time for compaction, the JUMBO can combine field to farm distances and adjoining areas. This guarantees best quality silage and prevents downtimes in the entire harvest chain. We recommend the PÖTTINGER HARVEST ASSIST app to make this process easier to coordinate.

Because it achieves a high degree of compaction, the JUMBO can transport far more crop than vehicles designed purely for transport. Transport with a JUMBO is therefore significantly more cost effective.

Better compaction

The short chopped length of the crop enables very fast distribution and compaction in the clamp.
Thanks to the beater rotors, the forage is unloaded evenly and loosened up again prior to compaction. In addition, the movable front panel on the JUMBO 5000 helps to speed up the unloading process, quickly freeing up the clamp for the next vehicles.

The shorter chopped material is easier to compact because it contains fewer air pockets thanks to its higher bulk density. This leads to a faster pH value reduction to maintain high silage quality.

Cost effectiveness

Moveable front panel

The moveable front panel is standard on the JUMBO 5000 and provides an addition volume of 4.3 m^3 with the same length of wagon. Driver fatigue is reduced thanks to the fully-automatic loading process.
Two adjustable sensors enable precise automatic loading and evenly filled loads.

At the design stage, particular attention was paid to ensuring that the driver has a good view inside the loading chamber.
The movable front panel also supports the unloading process. The block of forage is pushed to the back and automatically overturned soon after the scraper floor starts up.

Optimum weight distribution

The front panel makes the loader wagon more compact so that manoeuvrability is improved in small fields and on narrow farm tracks.
Optimised load distribution between the axle load and drawbar load ensures stable and safe driving independently of the filling level of the wagon.

Because the loading chamber slants forward at the front and the opening is closer to the tractor, it is easier to fill using a forage harvester. There are no obstructions on the JUMBO such as forage compression flaps or cross beams.

Automatic loading system

The automatic loading system is fitted as standard to provide a high level of assistance. To guarantee the best possible working results, two modes are available with the following sensors:

- Dynamometer bolt in the front panel
- Measuring point on the upper forage compression flap
- Loading torque measurement on the driveline (optional)

Choose loading torque measurement on the driveline for best results with damp forage so that it is not forced to reach the top compression flap. The more frequently selected option is the combination of dynamometer bolt in the front panel and the measuring point in the moveable upper forage compression flap. This is designed for classic wilted silage.

Automatic loading system

The automatic loading system can be set by the driver and receives signals from up to three sources. Depending on the application, the sensors can be used together or individually.

1 Dynamometer bolt on the front panel
2 Forage compression flap sensor
3 Loading torque sensor (optional)

Dynamometer bolt on the front panel

Thanks to an integrated dynamometer bolt, the JUMBO can be optimally filled from front to back.
By leaning the front panel back slightly in the loading position, increased pre-compression of the harvested material can be achieved.
This is detected by the pressure applied to the front panel, which also activates the scraper floor. Once the wagon has been completely filled up, the front panel pivots forward in 3 steps. These can also be set specifically according to the compression measured by the dynameter bolt. At the same time, the sensor bolt protects the front panel against overload.

Sensor on the forage compression flap

A sensor monitors the position of the upper forage compression flap to ensure the optimum filling level of the JUMBO. When the forage reaches the flap, it pushes it upwards. This is detected by the sensor, which switches on the scraper floor after an adjustable delay time.

The forage compression flap is spring-loaded and can be adjusted by altering the force applied by the spring.

Loading torque sensor

In order to be able to optimise the JUMBO to the forage and the tractor power, an optional torque sensor constantly monitors the torque applied to the drive train.

When this reaches the set maximum value, the scraper floor is activated. That is how the compaction of the forage by the rotor can be optimally adapted to the incoming forage volume and the power of the tractor.

Cost effectiveness

JUMBO

The JUMBO is designed for maximum loading as standard. By dispensing with the beater rotors, the loading chamber can be fully utilized with around 2 m^3 extra loading chamber volume compared to the JUMBO DB. The lower tare weight significantly increases the permissible load capacity.
The JUMBO loader wagon without beater rotors is particularly suitable for unloading in front of the clamp. Here, it delivers maximum unloading performance, quickly making way for the compaction and distribution vehicles.

Lower maintenance requirements and lower purchase costs make the JUMBO particularly interesting if you already have powerful machines for distributing the silage in the clamp.

JUMBO with beater rotors (DB)

DB stands for Discharge Beater and identifies your JUMBO as a loader wagon with beater rotors.
The DB models have two beater rotors as standard. They effectively loosen up the crop and ensure uniform unloading. The blanket of silage can easily be redistributed and compacted.
This makes the JUMBO DB particularly suitable for unloading while driving through the clamp.

The driveline of the beater rotors is protected against overload by a 1,700 Nm cam clutch. Automatic scraper floor switching and the beater rotors with V-twist ensure a smooth start-up. An optional 3rd beater rotor improves the unloading sequence even further.

Conical configuration

The loading chamber on the JUMBO has a conical shape. On each side it opens out 25 mm to the rear. This keeps friction to a minimum during unloading.
The loaded crop is released more quickly and the scraper floor speed can be increased earlier.
This helps rapid unloading even when field to farm distances are long and the crop has settled.

Lowered scraper floor

The scraper floor has been lowered by 150 mm. This reduces the amount of power required for loading. The higher forage package that goes along with this also allows increased compaction and the wagon increases its net load capacity.

As loading begins, a compact and stable forage block forms at the front panel. This is subsequently pulled continually backwards by the scraper floor.

Robust scraper floor

The four round link chains that drive the scrapers run in guides made of hardened and tempered steel sheets. A two-speed motor is fitted as standard and is located in a protected position on the wagon centreline. With an unloading speed of up to 20 m/min, there are no waiting times at the clamp.

The durable and lightweight floor made of pressure-impregnated wood has proven its worth in loader wagon construction over many years.
The tongue and groove boards are bolted to the frame.

Safely closed

The tailgate on the JUMBO lowers into a safety interlock on both sides after closing. The wagon full signal is given when the forage presses against the tailgate or the lower beater rotor.

The opening angle of the tailgate is monitored and can be adjusted as required. This is particularly helpful if an even blanket of forage is to be deposited by the beater rotors. If the tailgate is wide open, then the full cross-section is available for rapid unloading.

A filling level sensor can also be fitted. This allows you to work out at any time whether it is still worth continuing to the next field.

Cost effectiveness

The all-rounder

With the JUMBO you have great flexibility, improved machine utilisation and, in consequence, maximum cost effectiveness.

You can use the JUMBO 5000 both as a reliable loader wagon, and as a heavy duty harvest transport trailer. By using it to transport large loads of maize silage, rye silage or biomass you can greatly increase the utilisation time of your JUMBO and cut costs accordingly.

As a high output loader wagon and harvest transport wagon, the JUMBO provides you with a true master of all trades.

State of the art load compartment

The construction of the JUMBO 5000 is very robust thanks to the full-length pillars and side panels.
A strong top beam enables the completely open design and at the same time accommodates the load retention system. The free-standing, movable front panel consists of a solid welded section and can be used in a variety of ways.

Maximum strength is also guaranteed by the fact that a large number of the components have been adopted from the larger JUMBO 7000 and 8000.

Loading chamber expansion

By using 26.5" diameter tyres, loading chamber capacity can be increased by up to 2.3 m^3 depending on the model. This makes full use of the legally permissible maximum overall height of 4 m and so increases cost effectiveness.

Load capacity expansion per model:

- JUMBO 5320 DB / 5340: +1.6m^3
- JUMBO 5370 DB / 5390: +2.0m^3
- JUMBO 5450: +2.3m^3

Duct cover

An optional duct cover prevents chopped material from falling into the rotor duct while the wagon is being used for transport.

2-part design for easy handling.

Flex Cover

The newly designed loading chamber cover quickly covers the load and secures it ready for transport on the road.

The large overlap area of the nets also secures loads that extend above the side panels.

The drive system is centrally mounted and compactly integrated in the wagon's superstructure so that it is well protected.

Dry forage cover

A robust loading chamber cover is absolutely essential to achieve the maximum payload of dry materials such as hay, maize straw and alfalfa. It needs to be able to retain the crop so that it cannot expand upwards while the rotor feeds more material into the loading chamber.
The strong and robust dry forage cover is standard equipment on the JUMBO 5540.
It can also be selected as an option on the JUMBO 5450 for high compaction of dry materials.

Convenience

Increased ease of operation

Harvesting can mean a long day in the field, so it is all the more important to make your work with the loader wagon as smooth and enjoyable as possible.
The practical automatic solutions on the JUMBO go a long way to helping you achieve this.

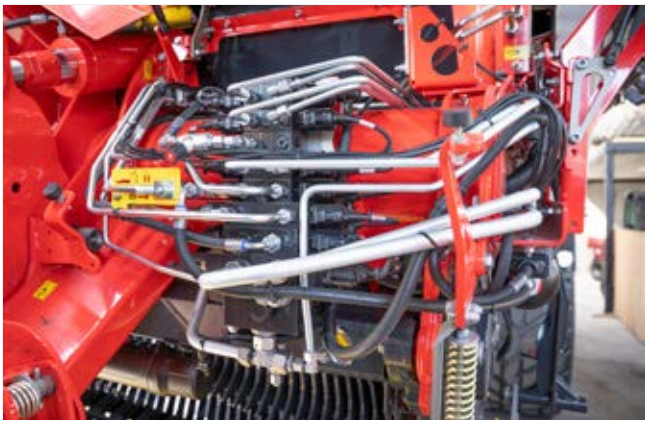
Automated functions such as loading torque measurement, loading and unloading strategies using the front panel, automatic transport and loading position plus many other functions make things easier whilst supporting you in every scenario.

This ensures you are operating in a relaxed environment whilst getting the most out of your machine.

Next step for hydraulics and electronics concept

Neatly laid out hydraulics and electronics not only provides a better overview of the whole system, but also makes it more convenient to rectify faults.

During the development of the JUMBO 5000, care was taken to create two separate access points for the hydraulics and electronics in order to make servicing as simple as possible. That is why most of the hydraulic components are located on the left-hand side of the machine and the electronics are on the right-hand side.



Maintenance-friendly

Servicing certain components can take up a great deal of time. That is why the JUMBO 5000 has been designed for easy maintenance.
The scraper floor shaft bearings with their central greasing point, the routing of the greasing lines for better accessibility and the service counter help to simplify maintenance.

The service life of specific wear points has been extended considerably, such as the pick-up tines, the loading rotor, the knife steel quality, the chopping unit rear wall and the scraper floor.

In addition, attention has been paid to the durability of the components in both the hydraulic and electronic circuits.

Steered axles

From hydraulic to no-contact and electronic steered axles, an optimum turning angle is guaranteed.
The electronic steering enhances convenience when manoeuvring at close quarters, with no special coupling points required. In addition, the improved turning angle prevents damage to track rods or tractor tyres and provides a basis for driving around tight corners.
Convenient operation is a priority.

Convenience

Ongoing development

PÖTTINGER constantly invests in research and development so that the product portfolio is continually improved.
Constant expansion of our own test centre, the heart of our quality assurance policy, also plays a vital role in this.

Our test centre, housed at the TIZ (Technology and Innovation Centre), is one of the most modern in agricultural technology worldwide. We test the durability and performance of essential components and machinery there.

High quality components

Apart from field trials, the new components of this JUMBO generation were also put through their paces and their service lives tested before they received the "seal of approval". The stress and strain exerted on the entire drive train in the field was recorded during test runs with sensors attached to critical points and was then analysed in the test program.

This new generation therefore stands apart with its maximum fail-safe factor, reliability, cost effectiveness and low wear costs. This also ensures high value retention beyond the machinery's service life.

Electronics

On the JUMBO 5000, care was taken to design an electronics concept that is separate from the hydraulics. The electronics are located on the right-hand side of the machine to ensure that any faults can be rectified quickly. Durability was particularly important when selecting the components. Wear and maintenance costs have been minimised as a result.

Self steering axle

With its standard self steering axle, the JUMBO is particularly manoeuvrable and conserves the soil. The tight turning angle means that the sward is not damaged even on the tightest corners. On steep ground and in the clamp, the axle can be locked using the control terminal.

If the tractor is equipped with ISOBUS and can output the driving direction and speed, then the axle can be locked automatically according to these parameters.

Intelligent self steering axle

With the intelligent self steering axle, the loader wagon autonomously detects the movement. It allows automatic axle locking under all operating conditions even without a speed signal from the tractor.

A direction-of-rotation sensor detects the speed of forward and backward travel and locks the axle within the speed range you have previously defined.

The inclination sensor also locks the axle when the defined inclination is reached.
If the defined inclination value is exceeded, you can also have a warning displayed on the control terminal screen.

Hydraulic steered axles

The optional hydraulic steered axles guarantee absolute reliability and excellent tracking whilst conserving the sensitive sward.

They have a track rod with a K50 ball head coupling. Thanks to the telescoping automatic interlock, the loader wagon can easily be removed by only one person.
The coupling point for the steered axles on the tractor according to ISO DIN 26402 is based on the K80 ball and is a backlash free towing device, this option guarantees precise tracking even on steep ground and in the clamp.

No-contact electronic steered axles

The no-contact, electronic steered axles completely eliminate the need for mechanical steering angle sensors between the tractor and the wagon.
A high-resolution sensor system controls the steering. By eliminating the track rod next to the drawbar, tighter turning angles are possible.
Damage to track rods and tractor tyres is excluded.
It is easier to attach the loader wagon because no special devices are required for coupling the track rod to the tractor.
This avoids the extra maintenance and adjustment work needed with conventional forced steering systems.

Convenience

Soil conservation

Always look after the health of your soil.
Choose the right tyres, protect the sward, and you will increase your profits.

With the right tyres, there is no contradiction between using high output technology and conserving the soil.
In order to protect soil as a natural resource, ensure sustainable soil fertility and maintain soil performance, you need to make sure that loads are uniformly distributed.
Using the largest possible dimension of wheels increases the footprint of the tyres so that the soil structure is maintained in the best possible way.

- 1 cm deep wheel marks cost up to 10% more diesel[1)].
- Damage to the sward can cause yield losses amounting to €100/ha[1)].
- Heavy compaction can result in fertiliser costs up to 20% higher[1)].

Tyre chart JUMBO 5000 with an axle load of 9 or 10 t at 40 kph

Tyre size	Payload per wheel	Tyre pressure	Footprint	Pressure on ground
600/50-R26.5 Country King [3)]	4,500 kg	2.2 kPa	1,700 cm²	1.50 kg/cm²
	5,000 kg	2.8 kPa	1,680 cm²	1.80 kg/cm²
710/50-R26.5 Country King [3)]	4,500 kg	1.7 kPa	2,574 cm²	1.75 kg/cm²
	5,000 kg	2.6 kPa	2,132 cm²	2.35 kg/cm²
710/50-R26.5 Flotation Trac [2)]	4,500 kg	1.5 kPa	2,794 cm²	1.58 kg/cm²
	5,000 kg	1.7 kPa	2,822 cm²	1.74 kg/cm²
710/50-R30.5 Flotation Trac [2)]	5,000 kg	1.9 kPa	2,524 cm²	1.94 kg/cm²
800/45-R26.5 Country King[3)]	4,500 kg	1.5 kPa	2,920 cm²	1.54 kg/cm²
	5,000 kg	1.9 kPa	2,956 cm²	1.69 kg/cm²
800/45-R26.5 Flotation Trac [2)]	4,500 kg	1.4 kPa	2,930 cm²	1.51 kg/cm²
	5,000 kg	1.6 kPa	2,954 cm²	1.66 kg/cm²
800/45-R30.5 Flotation Trac [2)]	5,000 kg	1.6 kPa	2,944 cm²	1.67 kg/cm²

[1)] Source: Lecture by Southwest Falia Agricultural College in Soest, 2008.

[2)] Source: Apollo Vredestein GmbH; [3)] Source: Nokian Tyres

Parabolic leaf spring chassis 26.5"

The compensator arm on the parabolic leaf spring chassis ensures the load is distributed dynamically especially when braking, this allows the same load to act on each wheel and excellent deceleration values are achieved.

With an axle compensation of 110 mm the chassis has perfect suspension characteristics in the clamp and provides smooth running in the field and on the road.
A self steering axle protects the sward even with heavy loads (standard).

A large spring support spacing of 1,100 mm at the front rigid axle with a distance of 856 mm on the rear steered axle provides perfect stability. High strength longitudinal linkages apply the braking and steering force.

Anti roll bar

The anti roll bar gives you 20% greater driving stability, best possible load distribution and better handling on steep ground and when cornering.
A torsion bar on each axle connects the springs on each end to the chassis frame. When loads act on it the bar transfers the pressure automatically to the opposite end.

Optional

- Hydraulic steered axles
- No-contact steered axles
- Intelligent self steering axle driver assist system
- EBS - electronic braking system with RSP - roll stability program

	Tandem chassis with parabolic spring 18 t, 26.5"	**Tandem chassis with parabolic spring and anti roll bar 18 t, 26.5"**	**Tandem chassis, hydraulic 20 t, 26.5"**	**Tandem chassis, hydraulic 20 t, 30.5"**	**Tridem chassis, hydraulic 27 t, 26.5"**
JUMBO 5320 DB	■	□	-	-	-
JUMBO 5340	■	□	-	-	-
JUMBO 5370 DB	-	■	□	□	-
JUMBO 5390	-	■	□	□	-
JUMBO 5450	-	■	□	□	□
JUMBO 5540 DF	-	-	■	-	-

■ = Standard, □ = Optional

Convenience

Hydro-pneumatic chassis

The hydro-pneumatic chassis gives you a wide support spacing for safe handling, exceptional stability on steep ground as well as enhanced safety when driving at high speeds.

An impressive increase in driving comfort has been achieved by fine-tuning the suspension characteristics. Using a different hydraulic accumulator when the loader wagon is empty from the one when the wagon is full noticeably increases driving comfort.

The chassis with hydro-pneumatic suspension developed by PÖTTINGER absorbs shock loads in the field and on the road. Consequently, it provides markedly greater shock-absorbing comfort than rigid systems that only use tyre suspension.
In addition, the tyres are subjected to less wear and the machine follows smoothly in the tractor's tracks.

The large axle compensation of up to 270 mm ensures better climbing ability on inclines, in the clamp and on poor quality roads.

- Standard leaf spring suspension
- Wide support of the guide springs with anti roll bar effect and wide support spacings of 1,100 mm and 856 mm.
- Excellent roll or slope stability due to minimal deflection
- Highest level of driving comfort in traffic and off-road
- Optimum braking power thanks to equal axle load distribution

The entire vehicle is designed in accordance with the latest provisions of EU type approval.

Stable on steep ground

Instead of relying on a complicated and sluggish hydraulically engaged slope compensation, the JUMBO uses mechanics to guarantee an immediate response.

The unique mechanical anti roll bar effect is achieved by integration of longitudinal linkage springs on the chassis, the bolted connection of the axles and the wide spring spacing.

Compensation

The hydro-pneumatic axle compensation ensures uniform wheel pressure in all operating situations. In particular, less pulling power is needed when driving away from a silo plant.

It is also the best way of maximising the loader wagon's climbing ability.

Suspension

Especially when loading up to 20 t of crop and driving at up to 65 kph, top quality vehicle suspension that functions reliably whatever the load status is crucial.
What makes this chassis special is the fine-tuning of suspension characteristics when the wagon is empty or full.
The result is supremely smooth running, a comfortable ride and not least greater safety when driving.

Ground clearance

The JUMBO is a hugely versatile multipurpose rotor loader wagon that can be deployed in all conditions including difficult terrain.
When developing the brake system particular attention was paid to greatest possible ground clearance.

All essential brake components are located above the axle centreline. This ensures that they are well protected and will work reliably.

Convenience

Tandem chassis

With the hydro-pneumatic tandem chassis, an axle load of 20 t and overall weight of 24 t are possible.
To reduce rolling resistance still further, 30.5" diameter tyres can be fitted as an option.
Compared to 26.5" ground pressure is marginally reduced.

A self steering axle protects the sward even with heavy loads (standard).

The outstanding feature of this chassis is its tremendous manoeuvrability in the field.

Tridem chassis

The hydro-pneumatic tridem chassis distributes heavy axle loads of 27 t over a large surface area.
Thanks to the fine tuning of the suspension characteristics, maximum driving comfort is ensured when empty and when full.
In addition, the anti roll bar provides stability on steep and bumpy ground due to the minimal deflection of the large support spacing.

Weighing system

The JUMBO's optional weighing system is available for the hydro-pneumatic tandem and tridem chassis. It enables dynamic weighing as a rough guide while driving, and provides exact[1)] measurements when parked.

If the maximum value defined by you is exceeded, a warning is displayed on the control terminal and an acoustic signal is given.

Electronic steered axles on the tridem

EZL steering programmes for tridem axle:

- Normal steering
- Crab steering
- Offset

Normal steering:

This programme is always activated automatically. The steering angle is controlled depending on the speed.

Crab steering:

Sets the same steering angle for all steered axles.

Offset:

This special steering programme for compensating power output is used at an angle to the slope.

Lift axle tridem

Minimises wear to the tyres when the wagon is empty.

In difficult terrain a lift axle can be deployed to temporarily increase the drawbar load and the tractor's traction.

A safety pressure valve automatically lowers the lift axle in the event of an overload to protect the tractor.

The system is operated conveniently from the control terminal in the tractor cab.

[1)] Measuring tolerance +/- 2.5 %

Convenience

Service counter

The driver is informed of forthcoming service intervals by a display on the control terminal.
If the service counter has expired, the Service data screen is displayed first next time you start the machine.
This lets you easily keep track of upcoming service work.

The ambassador

For decades, PÖTTINGER has been committed to giving farming and the people behind it the recognition they deserve.
It is increasingly apparent that food supplies cannot be taken for granted.

The tagline "Everyone needs agriculture!" is intended to create awareness that it is farms that ensure the supply of high-quality food, and that they are therefore indispensable.

Convenience and maintenance

Lighting

The JUMBO 5000 is illuminated using LED technology throughout, which guarantees a long service life.
This saves money and reduces maintenance.

The powerful illumination provided by LED lights means you have light where you really need it.

Package 1 - Standard

- Loading chamber lighting with LED strips

Package 2

- Loading chamber lighting with LED strips
- 4 reversing floodlights
- 2 beacon lights and rear/brake lights at the top of the tailgate

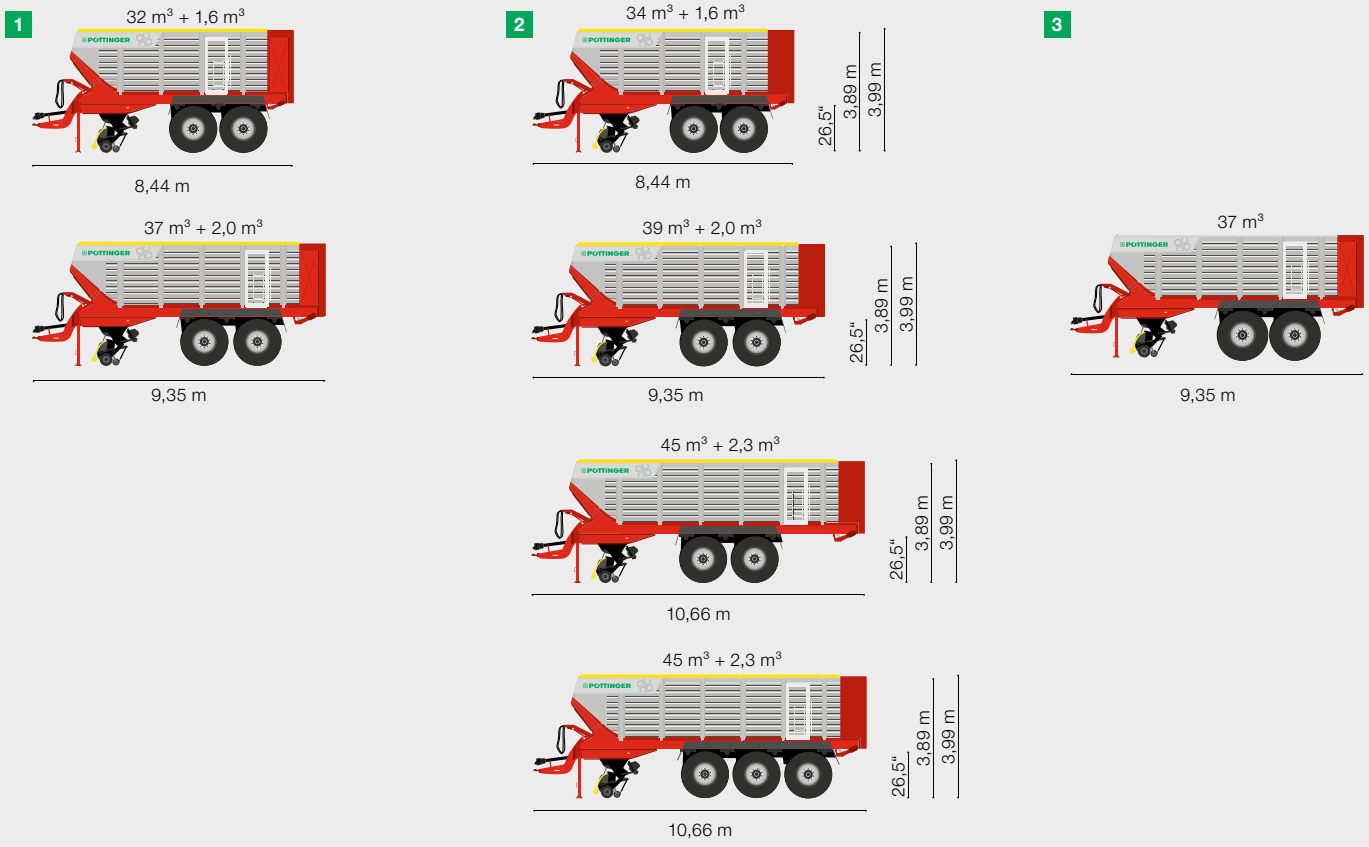
Package 3

- Loading chamber lighting with LED strips
- 4 reversing floodlights
- 2 beacon lights and rear/brake lights at the top of the tailgate
- 2 LED floodlights on top of the side panels
- 2 LED floodlights on the pick-up
- 2 LED floodlights as axle lighting
- 1 LED floodlight on the chopping system

Multipurpose rotor loader wagons


PÖTTINGER
JUMBO 5370 DB

Multipurpose rotor loader wagons



High performance multipurpose rotor loader wagon for high expectations

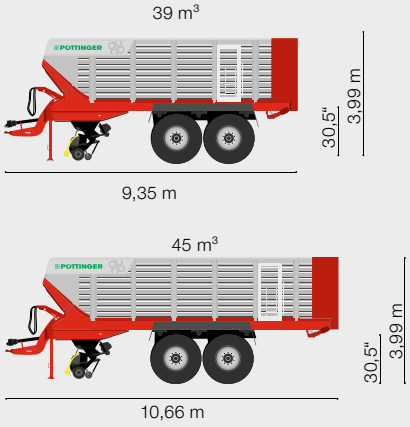
The components on board the JUMBO 5000 are designed for high throughput during loading.
With a theoretical chopped length of 34 mm, the chopping system ensures the usual high quality forage structure you expect with loader wagon silage.

Power requirement: 160 to 360 hp
Torque protection: 2,500 Nm
Load volumes: 32 to 45 m³
Pick-up width: 1.89 to 2.35 m

The movable front panel increases the loading volume while maintaining the same overall length. The short rear overhang lets you drive in a more relaxed style, and the increased drawbar load provides maximum traction in the toughest conditions. The beater rotors on DB loader wagons are installed as a module in front of the tailgate. This means that with or without beater rotors, the models do not differ in overall length. However, the loading chamber volume is reduced by 2 m³ due to the beater rotors.

1 JUMBO DB with 26.5" tyres and optional raised loading chamber for 26.5" tyres
2 JUMBO with 26.5” tyres and optional raised loading chamber for 26.5” tyres
3 JUMBO DB with 30.5” tyres
4 JUMBO with 30.5” tyres

4



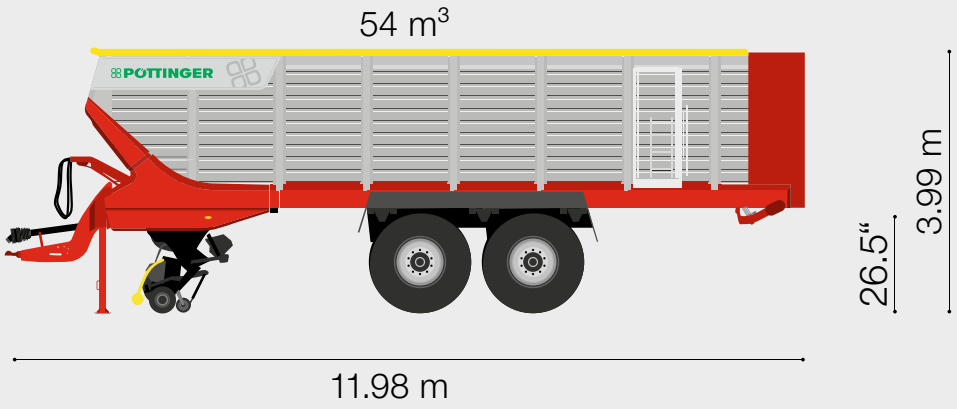
Using optional extension panels, the volume of vehicles with 26.5" tyres can be increased by a further 2.3 m³.
The transport height without the extension panels is 3.89 m. Vehicles with 30.5" tyres already reach the maximum transport height of 4 metres without the extensions.

The strong, full-length side panels without cross struts allows the loader wagon to be used for transporting harvested crops. Additional equipment such as a load retention system and a duct cover enhance the versatility of this cost effective all-rounder.

Multipurpose rotor loader wagons

Multipurpose rotor loader wagons

1



High performance multipurpose rotor loader wagon for dry crops

The components of the JUMBO 5540 DF are designed for maximum throughput during loading.
With a theoretical chopped length of 34 mm, the chopping system delivers the shortest possible chopped material.

Power requirement: 160 to 360 hp
Torque protection: 2,500 Nm
Load volumes: 54 m³
Pick-up width: 2.35 m

1 JUMBO DF with 26.5" tyres

JUMBO 5540 DF

The JUMBO 5540 DF series is designated as the dry forage loader wagon and has been specially developed for transporting dry crops such as hay, straw and alfalfa.
Its design offers maximum load volume while working at a lower loading rate.

Collecting heavily wilted plants and crops with a low specific density places special demands on harvesting technology, which is what makes the capabilities of the JUMBO 5540 DF stand out.
The PÖTTINGER pick-up controlled by cam track is the specialist for this task. Its special design allows you to work at a low speed, reducing the risk of crushing the crop and the resulting disintegration losses.

The seven rows of tines on the pick-up ensure optimum collection results and also pick up very fine forage.
This minimises losses and increases profits.

Maximum load volume

The JUMBO 5540 DF is equipped with a Dry Forage Cover as standard. A loading chamber extension is included in the Dry Forage Cover package, so that maximum load volume is available at a transport height of 4 m. The movable front panel provides an additional 4.3 m^3 on a vehicle length of 11.98 m. This means that a total volume of 54 m^3 is available.

A strong all-steel loading chamber cover secures the load at the top. The often fibre-rich material, which expands again in the loading chamber after having been compacted by the rotor, is retained by the profiles to achieve a high level of pre-compression. This results is a maximum load volume and increased cost effectiveness on long transport routes.

Easy and convenient

Thanks to the standard tandem chassis, the weight and acquisition costs of the wagon remain comparatively low. The 26.5" tyres represent the best possible compromise between soil conservation, a smooth drive and cost effectiveness.
Optional 600 tyres reduce the outer width of the chassis to 2.55 m. This means that it can easily drive over narrow weighbridges and weighing errors caused by protruding tyres are avoided. If no weighbridge is available at the unloading point, the JUMBO 5540 DF can also be equipped with an integrated weighing system.

Intelligent operation and ISOBUS terminal

A shared language

How machine and tractor communicate, even if they are from different manufacturers

Communicating in a common language is what stands behind the term ISOBUS. The need for this stemmed from the fact that each agricultural machinery manufacturer originally developed its own electronics solution. This was an obstacle for any farmer that has machinery from different manufacturers.
ISOBUS refers to the standardised communication system between tractor and implement using standardised hardware and software that is not limited to a single manufacturer: This really makes your daily work a great deal easier.

More convenience using ISOBUS

ISOBUS eliminates isolated solutions by establishing a standardised, compatible connection between tractor and implement, which should work with all combinations using plug and play: Simply plug the ISOBUS plug into the ISOBUS socket and you are ready to go. A single ISOBUS terminal replaces the large number of implement-specific terminals inside the tractor cab.
Source: www.aef-online.org

The right solution for every requirement

A modern ISOBUS system consists of various components, including tractor, terminal and implement. It always depends on what the terminal and attachments are able to do in each situation, and what equipment options have been installed.
This is where the ISOBUS functions come into play. ISOBUS functions are independent modules or building blocks within the ISOBUS system. These work as soon as they are included in all the components involved.

ISOBUS terminals

The EXPERT 75 and CCI 1200 ISOBUS terminals can be used universally to provide professional operation of all ISOBUS-compatible machines regardless of whether they were made by PÖTTINGER or other manufacturers.
Both terminals are AEF certified.

POWER CONTROL

Optional on JUMBO models.

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

Optional on JUMBO models.

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.

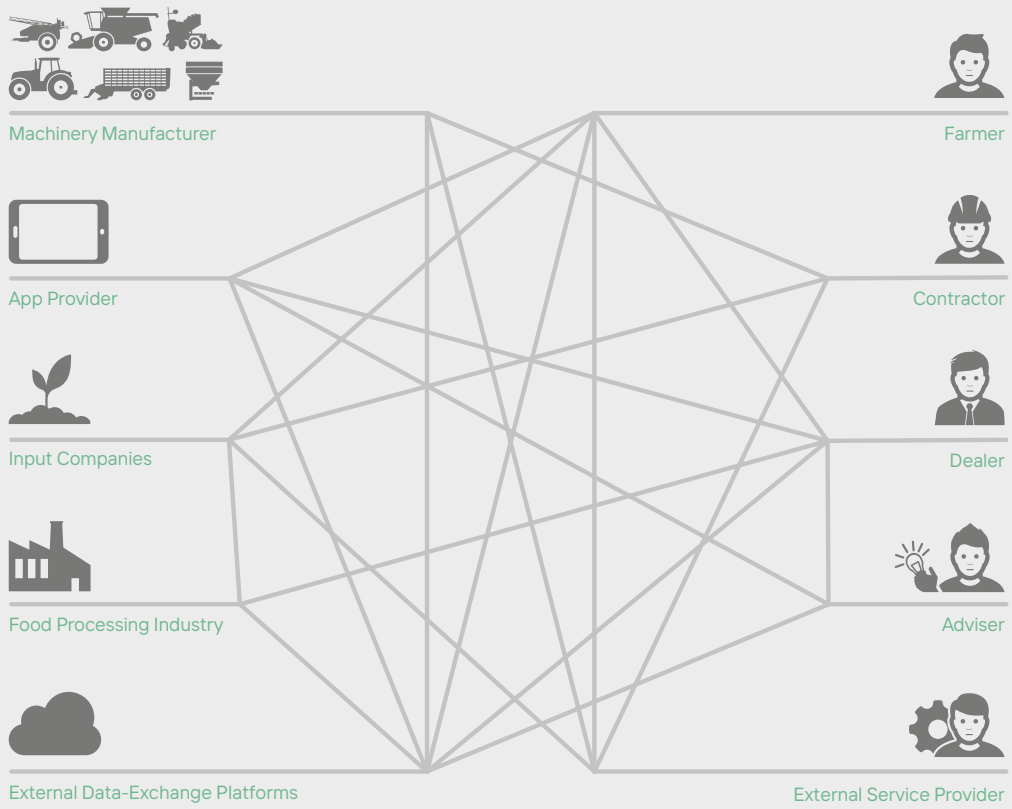
CCI 1200

Optional on JUMBO models.

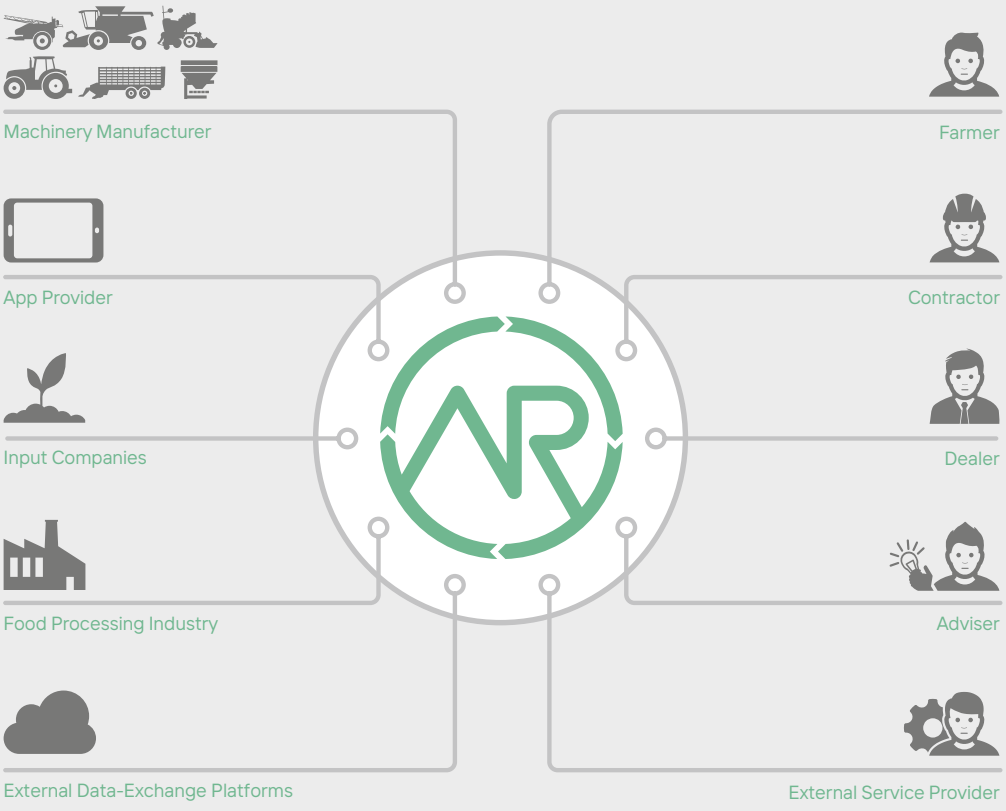
The new 12" CCI 1200 ISOBUS terminal offers a comprehensive function package. The terminal is operated like a tablet directly by touch. Navigation is kept simple so you find what you need with just a few taps.
It also has a camera connection port. The integrated ambient light sensor automatically adjusts the brightness of the display.

Digitial agricultural technology

Without agrirouter

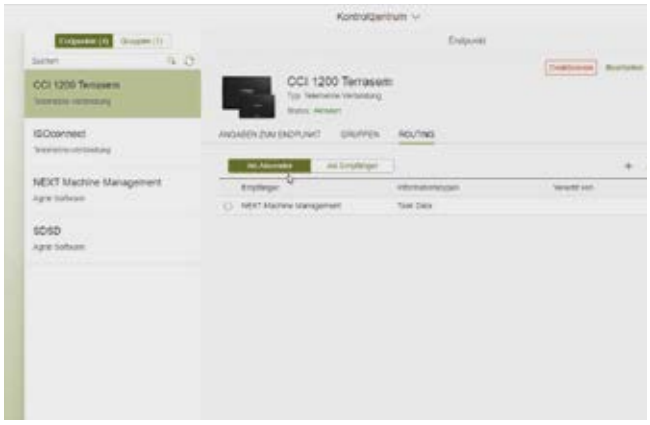


With agrirouter



Manufacturer-independent, wireless data exchange

Thanks to the ISOBUS standard, machines from different manufacturers can easily communicate and exchange data with each other. In order to use this data once work has been completed, it makes sense to import it into a farm management system and evaluate it for documentation purposes. While data transfer between agricultural machines from different manufacturers is now straightforward, it has still been difficult to transfer data between machines and software products from different suppliers. This was due to a lack of standards – until now. That is why various agricultural equipment manufacturers, including PÖTTINGER, have joined forces to develop the agrirouter. The agrirouter enables manufacturer-independent, wireless data exchange between machines and agricultural software whilst reducing the number of communication interfaces to a minimum.



agrirouter – the “data forwarding service”

The agrirouter is a web-based data exchange platform. A free account can be used to send data such as jobs from your field indexing software directly to the CCI 1200 terminal in the tractor. This can also be carried out in the reverse direction by sending machine-related data directly to your farm PC.

Transparency

You define the routes on which the agrirouter transports your data.

Data security

agrirouter does not store any data – you retain full control.

We are ready for agrirouter

A large number of our ISOBUS-capable arable and grassland farming machines can connect to agrirouter. These machines are able to document and make available data that is meaningful in terms of the work carried out. This data can be sent wirelessly from the tractor to the office as a standardised ISO-XML file using the CCI 1200 terminal. Likewise, you can send jobs wirelessly from your farm management system to the CCI 1200 terminal in the tractor. You no longer need a USB drive for data transfer. Even a machine fleet from a variety of manufacturers poses no problem for data transfer via agrirouter, provided the respective manufacturer is a member of the agrirouter consortium.

More information can be found at www.my-agrirouter.com

Accessories

	2.35 m pick-up	**Additional pick-up tracking roller**	**AUTOCUT knife sharpening system**	**TWIN BLADE**	**Loading torque measurement**
JUMBO 5320 DB	□	□	-	□	□
JUMBO 5340	□	□	-	□	□
JUMBO 5370 DB	□	□	□	□	□
JUMBO 5390	□	□	□	□	□
JUMBO 5450	□	□	□	□	□
JUMBO 5540 DF	■	□	-	□	□

More equipment options

+ Filling level sensor
+ Duct cover
+ Tyres:
  600/55R26.5"
  800/45R26.5"
  710/50R30.5"
  800/45R30.5"
+ Hydraulic steered axles
+ Electronic steered axles
+ Intelligent self steering axle
+ Lift axle for tridem with auto lowering function
+ Terminals: POWER CONTROL, EXPERT 75 / CCI 1200
+ LED work lights package 2 and 3
+ Weighing system
+ Flashing beacon
+ EBS braking system
+ Video systems
+ Warning signs

Often ordered together

Loading chamber raised for 26.5" tyres

Flex Cover

Dry forage cover

Tridem chassis

Tyres 30.5"

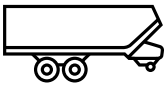
3rd beater rotor

□	□	-	-	-	□
□	□	-	-	-	-
□	□	-	-*)	□	□
□	□	-	-	□	-
□	□	□	□	□	-
-	-	■	-	-	-

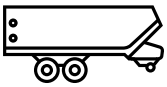
Configure your own machine.

■ = Standard, □ = optional, DB = Discharge Beater, DF = Dry Forage, *) = 26.5" chassis for up to 27t

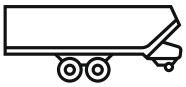
Technical data



JUMBO	DIN volume / with raised loading chamber for 26.5" tyres	Pick-up width	Number of knives	Knife spacing
JUMBO 5340	34 m^3 / 35.6 m^3	1.89 m	45 piece	34 mm
JUMBO 5390	39 m^3 / 41 m^3	1.89 m	45 piece	34 mm
JUMBO 5450	45 m^3 / 47.3 m^3	1.89 m	45 piece	34 mm



JUMBO DB				
JUMBO 5320 DB	32 m^3 / 33.6 m^3	1.89 m	45 piece	34 mm
JUMBO 5370 DB	37 m^3 / 39 m^3	1.89 m	45 piece	34 mm



JUMBO DF				
JUMBO 5540 DF	54 m^3	2.35 m	45 piece	34 mm

Overall length / Overall width	Overall height 26.5" / 30.5" tyres	Standard unladen weight	Permissible total weight	Maximum total weight
8.44 m / 2,86 m	3.89 m	10,000 kg	21 t	22 t
9.35 m / 2,86 m	3.89 m / 3.99 m	10,600 kg	22 t	24 t
10.66 m / 2,86 m	3.89 m / 3.99 m	11,100 kg	22 t	31 t
8.44 m / 2,86 m	3.89 m	10,350 kg	21 t	22 t
9.35 m / 2,86 m	3.89 m / 3.99 m	10,950 kg	22 t	24 t
11.98 m / 2,99 m	3.99 m	12,200 kg	24 t	24 t

DB = Discharge Beaters
DF = Dry Forage

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.

Rely on the original

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

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

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

Your advantages

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

Wear parts

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

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

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

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

Compact. Powerful. Premium.

- The performance class of high-performance loader wagon
- Maximum reliability thanks to the controlled floating pick-up
- Efficient short-chop knife bank for the best basic ration
- High flexibility for maximum cost effectiveness
- Automated functions for more convenience

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