

High output multipurpose
loader wagon with rotor
JUMBO / JUMBO COMBILINE

 **PÖTTINGER**

Maximum output, efficiency and power



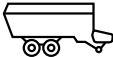
High output thanks to efficiency and power



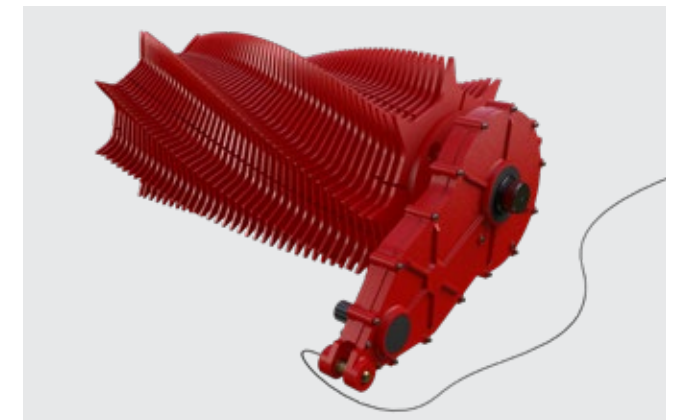
JUMBO / JUMBO COMBILINE

The requirements placed on modern harvesting technology have changed dramatically in recent years. Up until 20 years ago the objective was to make work easier, but now the focus is on optimising the harvest chain between the field and the cattle shed. A high quality basic ration is the basis for healthy animals. Healthy cows perform better and provide more milk with a higher quality. In addition to the location of the farm, the choice of harvesting process also has a major influence on forage quality. Thanks to a combination of performance, forage quality and maximum versatility, JUMBO loader wagons offer enormous output and cost effectiveness.

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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.



Efficiency and high output

The high output JUMBO loader wagon series delivers impressive pick-up and loading performance.

Pick-ups up to 2360 mm wide ensure fast and cleanly collected crop even with irregular swath shapes.

The POWERMATIC PLUS driveline is designed for tractors up to 450 hp and delivers a high compaction capability.

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. The scraper floor is lowered by 150 mm to enable improved loading and unloading performance.

JUMBO unloads uniformly and rapidly in 40-60 seconds.

Forage conservation at the highest level

In order to conserve the forage, PÖTTINGER implements more technical innovations such as the automatic loading system. This delivers in a smooth force curve without torque peaks during loading.

A sensor in the front panel of the loader wagon in combination with a torque sensor on the gearbox ensures optimum forage structure even in difficult and changing harvesting conditions.

Power transfer up to 2500 Nm

The POWERMATIC PLUS driveline is designed for tractors up to 450 hp and is able to handle the toughest loads.

The gears and bearings of the large dimension sealed rotor gearbox run submerged in gear oil. They are thus well protected against external influences and the gearbox is absolutely maintenance-free.

A high quality SFT S9 series wide-angle PTO shaft drives the gearbox.

The JUMBO driveline is protected at an impressive torque of 2500 Nm, corresponding to a peak output of 331 kW / 450 hp.

Efficiency and high output



JUMBO / JUMBO COMBILINE



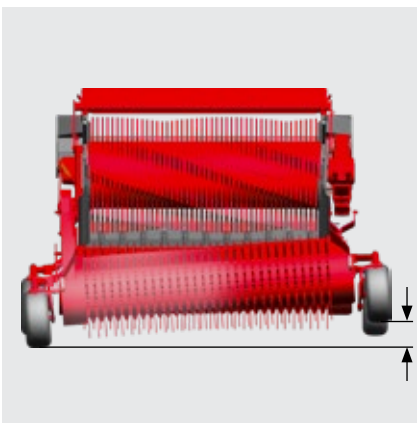
SUPERLARGE pick-up

Everything collected in a single pass. With a unique working width of 2.36 m, the SUPERLARGE pick-up ideally meets the high quality requirements for crop take-up. These jockey wheels are located outside the tractor's tracks to provide optimum ground tracking.



Hydraulic folding jockey wheels for the SUPERLARGE pick-up

To make things easier for the driver, the jockey wheels are folded in hydraulically from the control terminal. As a result the transport width is reduced to 2.5 m and you save time.



180 mm travel path

With a unique travel of 180 mm on the pick-up, PÖTTINGER ensures perfect ground tracking and exact contouring. The standard 2.00 m pick-up as well as the 2.36 m SUPERLARGE pick-up offer this freedom of movement.

A controlled floating pick-up

Maximum intake

The optimised 7-row floating pick-up combines high intake with maximum reliability.

As harvest time windows become shorter, time is an increasingly important factor in harvesting forage. That is why this pick-up was developed especially for the increasing performance requirements. It combines a consistently high pick-up performance even at high travel speeds and high forage quality even in difficult harvesting conditions.

In order to be able to deliver this intake power, the new pick-up is equipped with 6.0 mm thick DURASTAR pick-up tines.

Perfect ground tracking

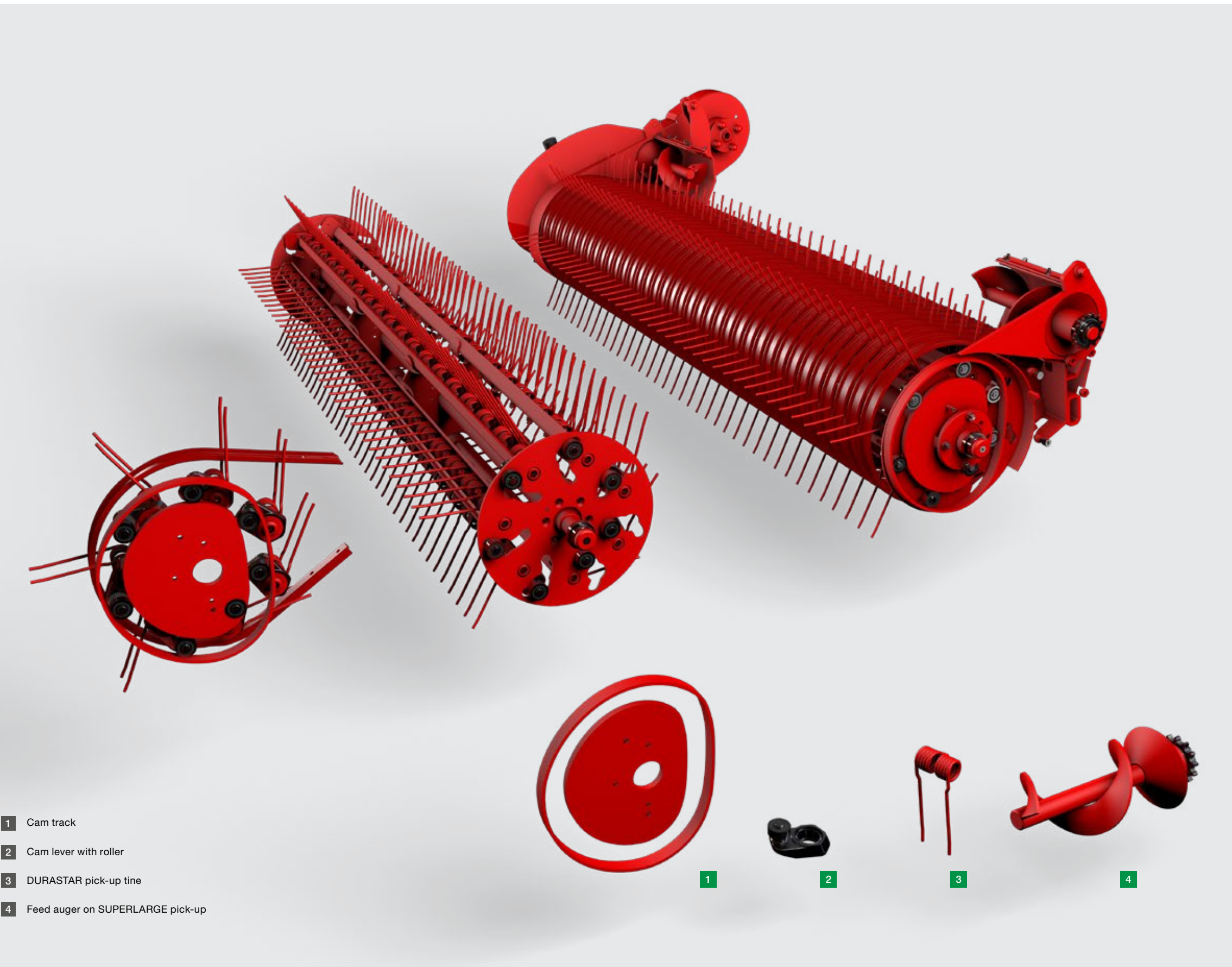
Whatever terrain you use the JUMBO in, the floating pick-up adapts perfectly to the ground and protects the crop against contamination.

The two jointed support arms ensure the pick-up has complete freedom of movement on any terrain. A spring alleviates the pick-up weight so less pressure is exerted on the ground.

Height adjustable trailed jockey wheels contact the ground on precisely the same line as the tines to ensure perfect ground tracking and cornering.

- Unique vertical travel of for perfect ground tracking and exact contouring.
- Automatic pick-up switching on all JUMBO models

Very wide swaths are collected tidily without losses. Driving into the swath and cornering are much easier and take the pressure off the driver. Large diameter feed augers on both sides actively merge the swaths. The compact swath is evenly distributed across the full width of the transfer throat as it is fed to the rotor. That is how the JUMBO achieves the best short chopping quality even at the edges.



- 1 Cam track
- 2 Cam lever with roller
- 3 DURASTAR pick-up tine
- 4 Feed auger on SUPERLARGE pick-up

A controlled floating pick-up

Maximum intake thanks to the optimised 7-row PÖTTINGER floating pick-up.

Cam track control

The shape of the cam track ensures optimum movement of the tines. This ensures the trailing tines pick up the forage at the correct angle. They convey the crop gently upwards, actively transfer the crop to the rotor at an adjusted speed and at the defined transfer point. The tine dips down at a right angle to prevent the forage from being drawn in.

DURASTAR pick-up tines

The optimised DURASTAR pick-up tine with a wire thickness of 6.0 mm enables a 20 % longer service life with consistently high collection quality.

Actively driven feed augers

On the 2.36 m wide SUPERLARGE pick-up, two feed augers ensure optimum forage flow even at high travel speeds.



POWERMATIC PLUS

The heart of the JUMBO series is robust, powerful and designed for almost unlimited tractor power. The rotor and its gearbox deliver high output chopping and compression.

Thanks to the wide areas at the tips of the tines on the 8-row rotor, it takes over the crop perfectly from the pick-up, even with a wet and short crop. The rotor tines are arranged in a helix formation, with a diameter of 800 mm to guide the forage actively and smoothly through the 34 mm short-chop chopping system. The rotor is mounted directly on the chopping system frame in order to protect the gearbox as much as possible even under heavy load.

The best possible compression is achieved by an optimised tine shape in combination with the large scraper surfaces inside the loading chamber. The 12 mm thick conveyor tines are made of durostat 500 hardened and tempered boron steel and are therefore designed for maximum loads.

In order to achieve exact positioning and maximum strength, the tine rings are hooked into the inner drum and welded several times around the circumference. The scrapers inside the loading chamber are slotted in and bolted individually. They feature an 18 mm wide back plate made of Hardox and ensure the highest possible compression, depending on how the automatic loading system is set.



Lowered scraper floor

The scraper floor has been lowered at the front by 150.mm, this reduces the power required during loading.

When loading begins, a compact, dimensionally stable pack of forage forms at the front end of the loading chamber, it is then drawn continuously backwards by the scraper floor. Thanks to the lowered scraper floor, the pack of forage is lifted upwards as well as drawn to the back, this results in the crop filling the loading chamber perfectly.

The combination of sheet steel and pressure-impregnated wooden elements forms a strong loading area.

In order to simplify maintenance work, the greasing points of the scraper floor shafts are mounted on the side of the wagon where they are easily accessible.



Scraper floor drive system

The scraper floor gearboxes are centrally located. With either a single or two-speed hydraulic motor a maximum unloading speed of up to 24 meters per minute can be delivered. The scraper floor is equipped with four or six chains, depending on the model.

- 4 scraper floor chains and 1 scraper floor gearbox:
 - JUMBO 6620 / 8020
 - JUMBO 6020 / 6620 COMBILINE
- 6 scraper floor chains and 2 scraper floor gearbox:
 - JUMBO 7220 / 10020 COMBILINE



Unload at the press of a button

The automatic unloading system makes life easier for the driver and protects the machine. A press of a button on the control terminal is all that is needed for the loader wagon to unload automatically. The cross-section of the wide opening enables unloading in less than a minute. On all models, the tailgate opening angle can be adjusted as required from the tractor seat. This minimises the effects of crosswinds and creates a perfect blanket when unloading.



The best forage quality is the basis for your success

High yield dairy cattle need a high quality basic ration with optimum forage structure. This is readily consumed by the animals in sufficient quantities. That is the best way to prepare the rumen to process the forage as productively as possible. Improving base forage quality reduces the use of concentrates, promotes animal health and lowers your costs.

Healthy cattle express their gratitude with better fertility, by producing milk for longer, and with higher milk yields. The bottom line is that you benefit from clean, high quality forage with more profits from your dairy business.

The best chopping quality and chopped length

In addition to the great importance of the optimum dry matter content, the chopped length of the forage has a significant influence on the quality of the grass silage. This reduces the rumination time and makes it easier for the rumen to process.

Both parameters lead to faster pH reduction, which reduces the risk of fermentation errors and has a positive effect on the stability of the grass silage. This lays the foundation for high dry matter intake.

34 mm chopped length

The JUMBO is the ideal choice for the highest forage quality thanks to the chopping system with a theoretical chopped length of 34 mm.

The long arc of the knives ensures a slicing cut along the full length of the knife edge. The forage is chopped right through exactly and uniformly. The forage has the optimum structure for ruminants.

Healthy animals as a key element to success

"It has become clear to me that with the short chop loader wagon, grass silage can be made more efficiently and milk can be produced more efficiently, so that the farm generates more profit.

In order for the cows to produce a high milk yield, the animals must be completely healthy."

Colin Bowen
Farm Manager
Church Stretton | Great Britain

The highest forage quality



A controlled pick-up for clean forage

The pick-up is controlled from both ends by a steel cam track. The sealed twin-race roller bearings fitted to the cam rollers are designed to withstand high stresses.

The pick-up with perfect ground tracking for the lowest possible crude ash content makes the loader wagon particularly suitable for collecting forage.

Clean forage

The pick-up tines are controlled in a sweeping arc. This results in optimum protection of the sward, lower levels of soil contamination and prevents unnecessary wear to the tines. A large swath roller supports perfect crop flow at high loading speed.
The interaction of the controlled pick-up with the floating pick-up suspension and the low pressure on the ground results in the cleanest possible collection of the crop. This ensures the contamination level is within the limit values of 80-100 g / kg of dry matter.

Perfect transfer

The fully active tine leg length on the controlled pick-up transfers the flow of crop smoothly to the rotor, even in difficult harvest conditions.

Best chopping quality

The forage is not dragged through longitudinally and instead promotes the best possible chopping quality.

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Pick-up with perfect ground tracking for a low crude ash content

The two support arms on the pick-up as well as the height adjustable trailing jockey wheels in combination with the parallelogram guided additional jockey wheel chassis ensure perfect ground tracking. In addition, weight alleviation springs are provided as standard to ensure a low ground pressure of around 100 kg.



Unique parallelogram guidance

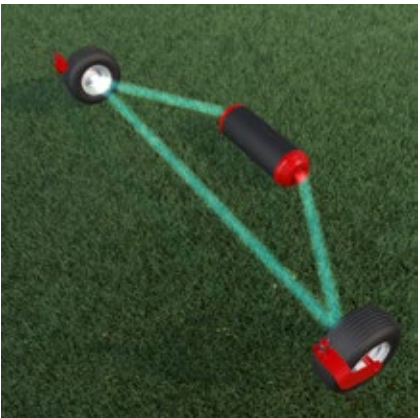
The parallelogram linkage on the pick-up leads to a significantly better ground tracking. You get clean forage even in difficult conditions. The freedom of movement of the pick-up is still 100%.

The working height is adjusted independently of the front jockey wheels.



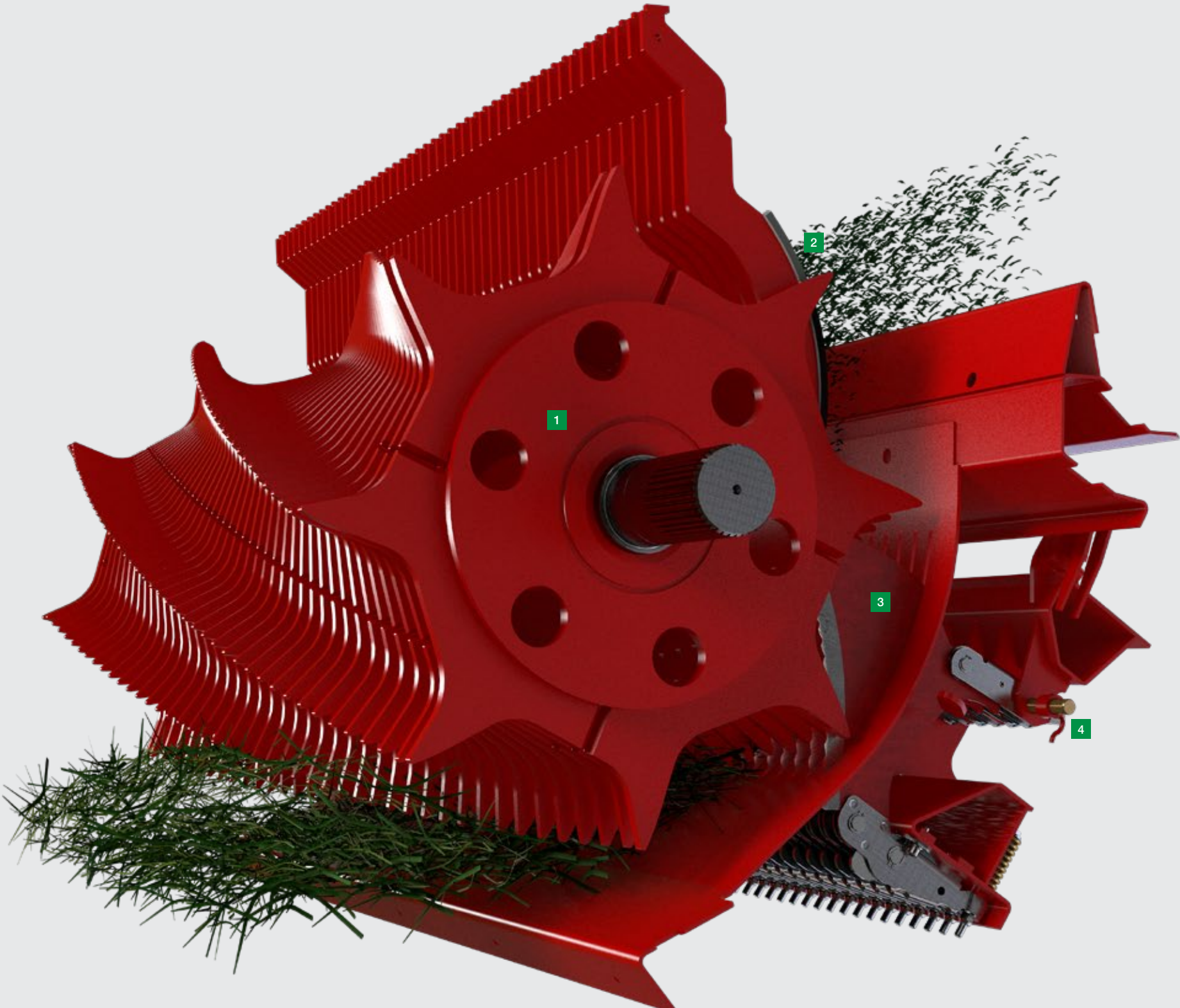
Additional tracking roller for the highest forage quality

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 additional tracking roller forms a support triangle for perfect ground tracking. This considerably reduces the tines scraping the soil so contamination of the forage is avoided.



Support triangle

The two jockey wheels and the optional additional tracking roller form a stable support triangle. This significantly increases the area of ground contact and ensures perfect crop collection even in bumpy terrain.



- 1 POWERMATIC PLUS
- 2 Scrapers
- 3 Short chop system
- 4 Knife protection system

POWERMATIC PLUS

The loading rotor with a diameter of 800 mm achieves a high throughput during chopping, conveying and compacting. The 12 mm thick conveyor tines are made of durostat 500 hardened and tempered boron steel and feed the crop perfectly into the chopping system.

Scrapers

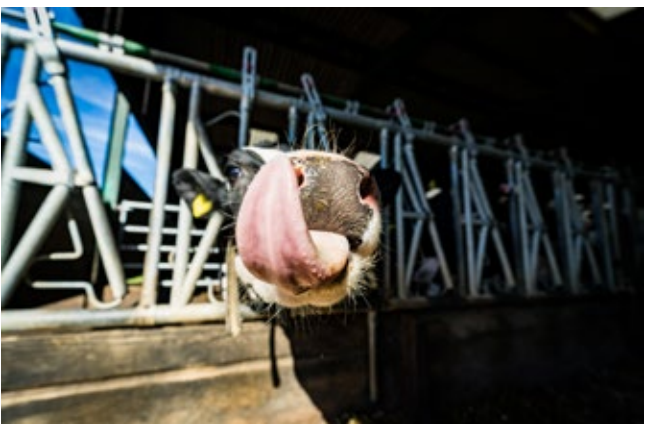
The individual scrapers with 18 mm wide backing plates inside the loading chamber provide a large scraper surface area for the best possible compaction, this ensures the loading chamber is filled to its maximum capacity.

Short chop system

With a theoretical short chop length of 34 mm around 80 % of the forage is chopped < 40 mm.

Knife protection system

The reliable knife protection system protects the loader wagon from foreign objects, avoids downtimes and promotes a consistent chop length for the highest possible forage quality.



A high quality basic ration is the basis for healthy animals

Healthy cows perform better, provide more milk with a higher quality and ensure more profit.

The choice of the right harvesting method has a great influence on the quality of the forage and is the prerequisite for bringing in forage with a high energy content.

Basically, all the machines in the harvesting process should be designed to meet the high requirements of forage conservation, ground tracking and high output.

To ensure that the ensiling process achieves the best quality, it is important that a large quantity of forage is handled efficiently.

Machine performance needs to be matched to the fields being harvested and the compaction vehicle in the clamp needs to be suitable to handle the rate of crop being delivered. Even distribution and rolling in the clamp is usually the bottleneck in the harvest chain, since the machine performance available in the field is generally greater than the performance of the machinery in the clamp. This means that the speed of harvesting is actually determined by the machinery working in the clamp.

The rolling weight required when using the loader wagon should correspond to about one third of the material harvested in tonnes of fresh crop per hour.

“If you come with PÖTTINGER loader wagons, then I don’t need a forage harvester any more.”

That is something that contractor Hans-Willi Thelen has often heard from customers who previously used a harvester to chop their forage. That pleases him even more. After all, the operational reliability of the machines and the excellent service gives the Thelens family more time for what matters, which is time for each other.

Hans-Willi Thelen
TPS contractor
Kall | Germany

The best silage quality



EASY MOVE swing-out knife bank

This swing-out knife bank makes light work of changing the knives.

The chopping system is hinged out hydraulically and the knife bank can be conveniently folded out alongside the wagon.

The spaces between the knives are cleaned automatically by an optional cleaning comb every time the knife bank is folded out. If the chopping system should ever be blocked, it can be pivoted out directly from the tractor cab.

Easy accessibility

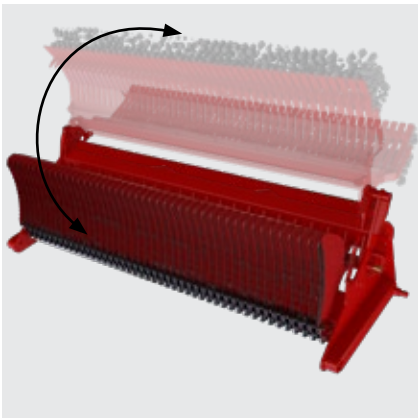
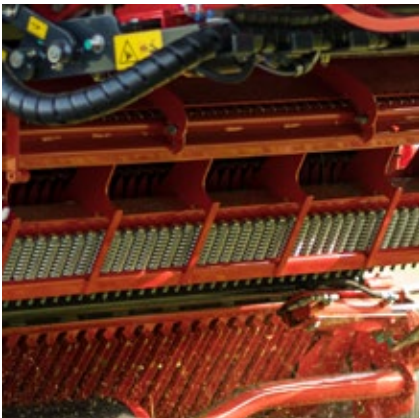
Thanks to EASY MOVE, the knives are changed outside the loader wagon - no bumping your head, no crawling under the loader wagon bent over.

JUMBO / JUMBO COMBILINE



Solid quality

Knives are replaced without the need for tools: they are disengaged hydraulically by a central release mechanism. The knives are produced from hardened tool steel and their pressed serrated edge ensures a precise chop. The extra thick rear edge of the knife guarantees an extended service life and reliable folding of the knife bank. New: Extra strong DURASTAR knives for stony soil.



Ensuring knife protection

PÖTTINGER protects your loader wagon with our patented individual knife protection system. Foreign objects are a danger to the rotor and chopping system plus downtime can be expensive and reduce the quality of the forage.

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

The knife retention springs and rollers on the individual knife protection system are swung 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. The sharpness of the knife is retained.
- 4 The knife is automatically brought back into the working position.

Any stones in the forage are not pulverised. The cattle leave them in the trough so that injuries to the digestive system are avoided.

Knives are always clean

The optional cleaning comb reduces contamination of the knife bank. This ensures the reliability of the knife protection system. It automatically cleans the spaces between the knives each time the chopping system folds out.

When using AUTOCUT, the cleaning comb ensures a trouble-free sharpening process.

The best silage quality



Fully automatic AUTOCUT sharpening system

A precise and consistent chop is the basis for the best silage quality. AUTOCUT delivers consistent chopping quality throughout a whole working day.

Only really sharp knives can guarantee optimum chopping quality, lower power consumption and increased output. The sharpness of the knives deteriorates continuously during intensive operation.

To counter this, the AUTOCUT knife sharpening system is a convenient way to sharpen the knives directly on the loader wagon.

Depending on the wear of the knives, simply select the sharpening cycle using the control terminal. This considerably reduces maintenance expenses and at the same time guarantees long-lasting optimal chopping quality.

You can reduce fuel consumption by up to 15 % by using knives that are always sharp. Maintenance work is reduced by about 45 minutes per day, because automatic sharpening can take place during a break. The driver does not need to clean and sharpen the knives after a long working day. In addition, the cleaning comb automatically cleans the space between the blades during each sharpening process, preventing deposits or blockages.

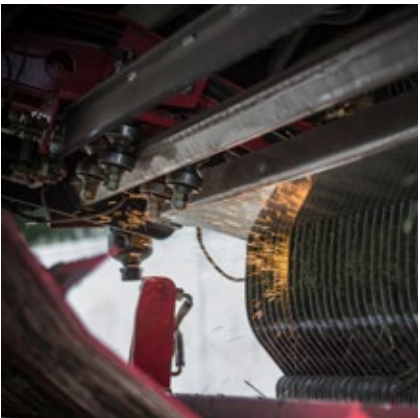
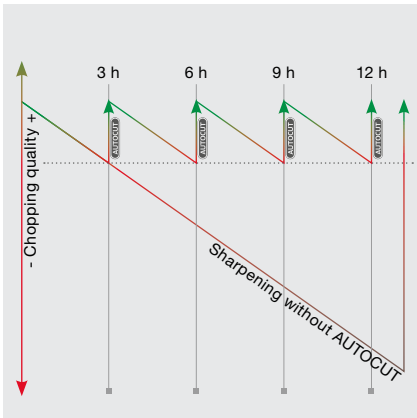
As a contractor, you can offer every customer the same cutting quality throughout the entire working day thanks to AUTOCUT and deliver impressive chopping quality and efficiency.

JUMBO / JUMBO COMBILINE



Simple operation

The CAN-Bus control panel integrated on the side allows all functions on the chopping system and the parallel lift drawbar to be operated centrally, simply and conveniently.



Much lower maintenance requirement

AUTOCUT sharpens the complete set of knives in around 4 minutes per sharpening cycle. 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.

Your advantages with AUTOCUT

- Knives are always kept sharp to ensure best chopping quality
- Significant reduction of maintenance expenses
- Fully automatic sharpening of the complete set of knives at the press of a button
- Even sharpens contaminated knives
- Sharpening angle is adjustable
- Sharpening intensity can be regulated as needed
- Time during the sharpening process can be used for breaks, maintenance or work discussions

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



Reliability

Due to constantly growing demands in terms of output with ever shorter harvest time windows, it is all the more important to have a reliable machine available.

The highest reliability and high performance forage collection, even in difficult harvesting conditions - that was what the JUMBO series was designed for.

A controlled floating pick-up

The 7 row pick-up is controlled from both ends by a steel cam track. The tines are slightly trailed to sweep in a controlled arc and adapt ideally to contours. As a result clean forage is guaranteed.

The fully active tine length up to the withdrawal point ensures the forage is transferred to the rotor perfectly.

Thanks to the reduced speed of the rotor, the forage is not dragged through. It is fed into the rotor actively. This guarantees maximum conveying performance at high driving speeds and a reliably high intake performance in differing harvest conditions.

Quite simply, it's always ready to go!

Regardless of whether in wet or dry conditions, for straw or silage - the JUMBO picks up crops reliably in all operating conditions.

Reliability as a key to success

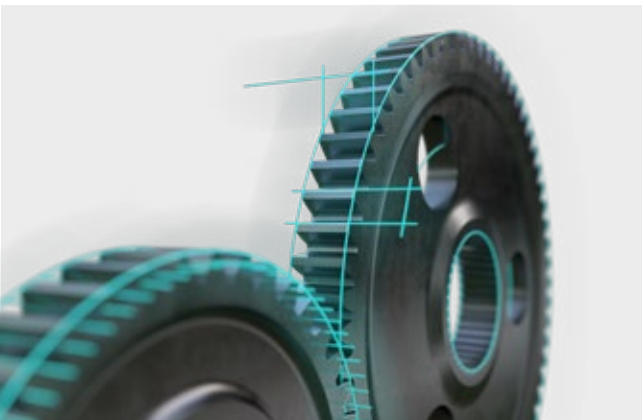
In addition to working many small areas, the loader wagons also deliver perfect performance in larger fields too: in Northern Germany agriculture has also gone through structural changes with larger farms needing to work larger areas. That is also why the harvest windows have become much smaller for harvesting grass. You need to be able to rely completely on the technology you have available. "We need 100 % uptime with our machines. We can never catch up on lost downtime," says Buttjer, highlighting the reliability of his loader wagons.

Hans-Hermann Buttjer
Contractor
Rhauderfehn-Holte | Germany



Strength with the highest quality

The rugged frame construction is made using high quality QStE fine grained steel. Frame and side pillars are fastened using fine thread bolts - no welds. High-strength side profiles and closely-spaced pillars ensure the highest strength.



High quality components

Durability and top performance - characteristics that PÖTTINGER is committed to delivering. Using the highest quality components is a central criterion. That is why we manufacture our parts from the highest quality materials.

Continuous testing and ongoing development

To further develop its product ranges, PÖTTINGER continually invests in Research & Development and expanding its own test centre at the Technology and Innovation Centre (TIZ), the cornerstone of its quality assurance system. Here, we test our products as to their suitability in field conditions in order to pass on only the very best to our customers. Our testing centre is one of the most modern in agricultural technology worldwide.



Easy hitching

A turning angle of up to 60° is possible even with steered axles, dependent on the tractor and tyres thanks to the narrow design of the drawbar. The parallel lift drawbar is equipped with a drawbar shock absorber as standard to ensure a smooth ride.

The choice of transport or working position is made at the touch of a button for fatigue free operation. It automatically moves the wagon into the configured home position.



Tidy layout

All hoses and cables have their own individual compact holder and are routed to a central position over the drawbar.



Hydraulic controlled steering

The coupling point for the controlled steering on the tractor according to ISO DIN 26402 is based on the 80 mm ball head coupling as a backlash free towing device and guarantees accurate tracking even on steep ground and in the clamp. The hydraulic controlled steering system impresses with its compact and fail-safe design. It features a track rod with automatic interlock for single-handed attachment.



Electro-hydraulic controlled steering

A high level of stability when driving at high speeds and the best manoeuvrability in tight corners. This is the speed-dependent steering angle adjustment of the electro-hydraulic controlled steering system. It maximises the turning angle in the field, which conserves the sward and increases manoeuvrability. The turning angle is reduced at high transport speeds to enhance safety.



Enhanced safety and positive driving performance thanks to hydro-pneumatic suspension chassis

The hydro-pneumatic chassis gives you a wider wheel spacing of 1085 mm for safe driving characteristics in all situations.

An impressive increase in driving comfort has been achieved by fine-tuning the suspension characteristics. The use of two separate cylinders with two different pressures are employed for when the forage wagon is full and empty, this noticeably increases driving comfort.

A decisive advantage of this new hydro-pneumatic suspension is the axle guidance provided by the longitudinal linkages. As a result the chassis is extremely stable on slopes and enhances driving safety at high transport speeds. The large axle compensation of up to 270 mm ensures

better climbing ability on inclines, in the clamp and on poor quality roads.

- Standard spring version, mechanically lockable
- Wide support of the guide springs with anti roll bar effect
- Highest level of driving comfort in traffic and off-road
- Optimum braking power thanks to equal axle load distribution
- Intelligent steered axle driver assist system - axle lock controlled by direction detection and angle sensor are optional
- Steered axles and EBS brakes are optional

The entire vehicle is designed in accordance with regulation (EU) 2015/68, so it fully complies with the latest legislation



Hydro-pneumatic tandem chassis

Hydro-pneumatic suspension up to a total weight of 24 t. Perfect suspension characteristics in the clamp - smooth running in the field and on the road. The high strength longitudinal linkages apply the braking and steering force.

- Steering axle as standard
- Hydraulic or electro-hydraulic steered axles are optional
- EBS braking system is optional



Hydro-pneumatic tridem chassis

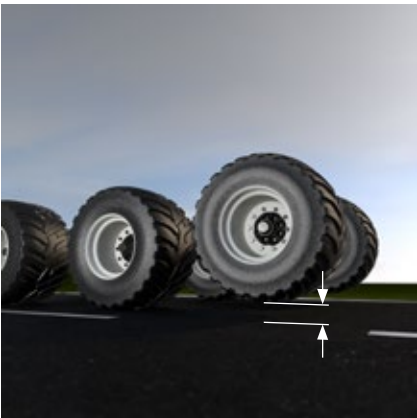
With steered axles up to a total weight of 31 t. The tridem chassis distributes heavy loads over a large surface area. The pressure on the ground remains especially low. Larger axle equalisation ensures a uniform distribution of braking force to all axles. This reduces the pressure on the ground to an average of 0.2 bar. At the same time the wagon follows precisely in the tractor's tracks on steep ground and in the clamp.



Weighing system for hydro-pneumatic suspension chassis

The optional weighing system on the JUMBO enables dynamic weighing as a rough guide while driving, and outputs exact*) 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.



Lifting axle on tridem chassis

The lift axle function enables you to increase the drawbar load at short notice in exceptional situations during operation.

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.

*) Measuring tolerance in the range +/- 2.5 %.



Parabolic leaf spring chassis

The parabolic leaf spring suspension on the JUMBO ensures the best ground tracking and load distribution. When braking, a compensator arm ensures the load is distributed dynamically to all the wheels. Perfect suspension characteristics in the clamp and smooth running in the field and on the road are guaranteed.

- 22.5" or 26.5" tyres
- Large spring support spacing
front: 1100 mm
rear: 856 mm
- Strong longitudinal linkages apply the braking and steering force.
- trailed steered axle to protect the sward
- Intelligent steered axle driver assist system - axle lock controlled by direction detection and angle sensor are optional
- Steered axles and EBS brakes are optional

18 t parabolic leaf spring chassis with 22.5" tyres

With an axle load of 18 t you can drive through difficult terrain with this chassis. This chassis together with 22.5" tyres offers a very low centre of gravity, especially for working on inclines.

18 t parabolic leaf spring chassis with 26.5" tyres

26.5" tyres offer even lower rolling resistance in difficult conditions and in the clamp.



Parabolic leaf spring chassis with anti roll bar

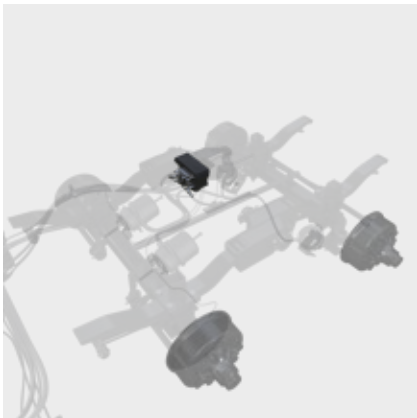
The parabolic leaf spring suspension with anti roll bar is unique in creating safety enhanced, positive driving performance. It has an axle load of 18 t, but is equipped with reinforced parabolic leaf springs (24 t). You also get additional stability from the integrated anti roll bar. This makes it much more suitable for working on inclines.



Electronic controlled steering on tridem chassis

To enhance your safety and driving comfort on the road and in the field, you can equip your JUMBO with additional electronic controlled steering. In contrast to mechanical controlled steering, a safety steering computer controls the steering angle together with a hydraulic unit, steering cylinders and an angle sensor on the steered axle. The axle is controlled as a function of the vehicle geometry, angle of the drawbar and driving speed.

- You can choose between several steering programs:
- Normal steering
 - Crab steering
 - Offset



EBS - electronic braking system with RSP - roll stability program

Increasing transport capacities and high transport speeds require the use of modern braking components, this considerably improves safety whilst reducing operating costs due to worn brake pads and tyres. The optional electronic braking system adds another level of safety to braking. It prevents the wheels from locking when braking on smooth road surfaces and stops the wagon from skidding. You can keep the vehicle under control much more easily.



Intelligent trailed axles driver assist system

This enables you to lock the axle automatically in all operating conditions even without ISOBUS. A direction-of-rotation sensor axle detects the direction of rotation along with the speed and locks the axle within the defined speed range. 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.



The cost effective process

Choosing the most efficient process must take into consideration the respective requirements of the farm and the local conditions.

In different circumstances, different harvesting processes can be more efficient or suit your harvesting strategy better. The personnel and machines required also have a crucial influence on your choice.

The loader wagon 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. Modern loader wagons are generally offered as multipurpose loader wagons so they also meet the requirements of a fully-fledged transport wagon. Because of their flexibility (loading and transport), the machine achieves optimum utilisation.

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

Soil conservation with high performance technology

Increasing loading volumes, greater field to farm distances and high transport speeds call for a strong and soil conserving chassis, high quality tandem and tridem chassis and tyres with a large footprint. High performance technology in conjunction with soil conserving tyres helps to maintain soil health and protect the sward.

Soil compaction can have a direct effect on your profits. Deep wheel marks cost up to 10 % more diesel. Damage due to compaction can result in fertiliser costs up to 20 % higher.

Forage conservation and cost effectiveness at the highest level

The smooth delivery of power during loading without torque peaks is what makes a modern loader wagon with an automatic loading system stand out. A sensor in the front panel of the loader wagon in combination with a torque sensor on the gearbox ensures optimum forage structure even in difficult and changing harvesting conditions. The loading strategy can be adjusted conveniently from the tractor cab. The volume of the loader wagon can then always be used in the best possible way.

Cost efficiency as a key element to success

"The loader wagon really helps to save costs. You need much fewer personnel and the soil is less compacted because you only need one machine instead of two, three, four or even five in the field. So the loader wagon has many advantages."

Steven Bowen
Contractor
Church Stretton | Great Britain



Three convenient loading strategies

Depending on the application, you can conveniently select the appropriate loading strategy from the driver's cab to achieve maximum cost effectiveness. The wagon's comprehensive sensor technology supports you by adjusting automatically to changing conditions.



Automatic loading

The automatic loading system guarantees that the wagon is filled to achieve maximum transport capacity. The forage is already carefully compressed in the transfer throat to make full use of the loading chamber. You have three convenient loading strategies to choose from.

Two sensors mounted in front and upper panel section monitor the loading status.

Sensor 1 is installed in the front panel and is set once with the required crop mass pressure.

Sensor 2 is installed on the wide forage compression flap and can be set with a time delay if necessary to enable convenient control of the loading performance.

Loading torque sensor

In order to achieve particularly high loading rates, the optional loading rotor torque sensor is very often implemented in addition to the automatic charging system. This is installed in the drive train and enables you to adapt the loading strategy to the dry matter content and forage structure.

If required, you can achieve unique loading rates of up to 350 kg / m³.

This allows you to manage greater field to farm distances cost effectively.

Loader wagon mode

The wide forage compression flap controls the automatic loading system.

The sensor measures the pressure on the flap and switches the scraper floor on and off automatically. The forage is protected and the loading chamber is filled right up.

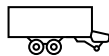
Harvest transport mode

The front flap is folded forwards and provides a good view from the tractor into loading chamber. This is also ideal for following a harvester into maize. Due to the extremely low pivot point of the flap, you have the best view of the chopped material.

Harvest transport mode

To be able to use the maximum load volume of the JUMBO, the front panel is folded up and the forage compression flap is folded inwards.

In addition, an optional load containment system is recommended for transport on the road.





Combined rotor loader wagon

The JUMBO COMBILINE offers maximum flexibility and increased machine utilisation. As a highly productive loader wagon and harvest transport wagon, the JUMBO COMBILINE provides you with a true master of all trades.

Power requirement: 160 to 450 hp
L wagon volume: 32.9 to 48.1 m³
D wagon volume: 34.3 to 46.6 m³
Pick-up width: 2.00 m, optional 2.36 m

- 1 POWERMATIC PLUS driveline for up to 450 hp
- 2 EASY MOVE knife bank and 34 mm short chop system
- 3 SUPERLARGE floating pick-up, 2360 mm wide intake
- 4 AUTOCUT - fully automatic knife sharpening system

Unload with beater rotors

A uniformly distributed blanket of forage is essential for perfect, trouble-free compaction. That is why JUMBO D models are equipped with a high performance beater driveline capable of handling 160 kW / 220 hp.

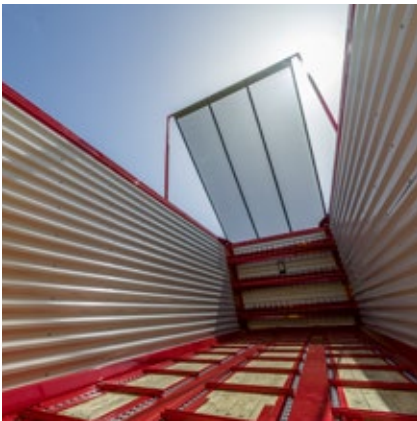
The aggressive tines are extremely effective even with highly compacted forage and generate unloading times in the range of 40 - 60 seconds depending on the model and crop.

Bars integrated in the rollers unload corn chippings quickly and safely. A sensor in the beater roller bearings controls the scraper floor automatically in order to achieve optimum unloading performance while the driver concentrates on other things.

- Automatic chain tensioner
- Easily accessible, central greasing point
- Third beater rotor optional.

Level sensor on JUMBO COMBILINE

This optional sensor on the tailgate measures the filling of the wagon. The filling level is indicated to the driver as a percent value on the control terminal.



COVER PLUS - automatic load containment system

COVER PLUS is available as an option and is intended for particularly light crop material. It completely covers the harvested crop so it is not lost during road transport. It is operated conveniently using the control terminal and does not require additional hardware.

This solution which has been developed especially for loader wagons features a hydraulic interlock that enables high travelling speeds.

- Completely covers loading chamber, even if filled above 4 m
- Automatic opening and closing of the tarpaulin controlled from tractor cab
- Operation integrated into POWER CONTROL terminal



Top profile

The optional roof profiles are fixed to the frame to ensure a high degree of compaction of the crop.

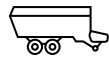
- High compression with low density harvest material
- Highest capacity load with straw and maize straw



Extension to 56.6 m³

The optional extension is available exclusively for the JUMBO 10020 L COMBILINE to increase its loading volume by 8.5 m³. The extension maximises transport volumes for crops with a low specific density.

- Especially for wilted alfalfa or straw





Loader wagons with loading rotors

You get the highest output, strength and reliability with the JUMBO loader wagon with rotor. The professional class loader wagon with its enormous load capacity is the most cost-effective choice for harvesting quality silage.

Power requirement: 160 to 450 hp
Load volumes: 39 or 46.5 m³
Pick-up width: 2.00 m, optional 2.36 m

- 1 POWERMATIC PLUS driveline for up to 450 hp
- 2 EASY MOVE knife bank and 34 mm short chop system
- 3 SUPERLARGE floating pick-up, 2360 mm wide intake
- 4 AUTOCUT - fully automatic knife sharpening system

JUMBO or JUMBO COMBILINE

The JUMBO series impresses large farms with a reduced unladen weight but the same loading capacity.

Dispensing with the versatility to operate as a forage transport wagon means that the basic equipment can be optimised, compared to the JUMBO COMBILINE. This leads to a higher net payload because the unladen weight is lower.

The main area of application for this series is large farms with primarily grass silage or dry material.

Additional load volume

JUMBO models can easily be extended to increase the loading volume when transporting crops with a low specific density.

Slotting in expansion panels increases the loading volume by 1.5 m³.



**POWER CONTROL –
electronic control system**

Optional on JUMBO models.

With the POWER CONTROL terminal you can operate all ISOBUS-compatible PÖTTINGER machines. The functions are performed directly at the push of a button without pre-selection or an additional control unit. The most important keys are labelled directly with the machine-specific functions which helps drivers regardless of whether they have used the machine before or not. The function keys F1 to F4 can be used to operate additional equipment on your machine. The colour display provides at-a-glance information on functions and the operating status of the machine.



**EXPERT 75
ISOBUS terminal**

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.

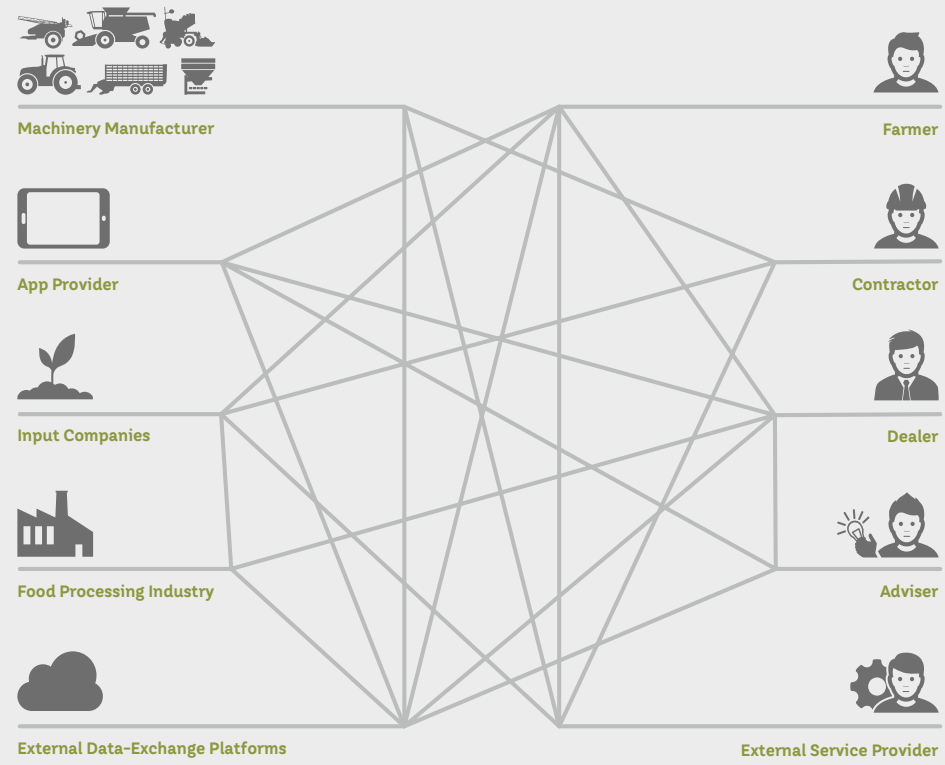


**CCI 1200
ISOBUS terminal**

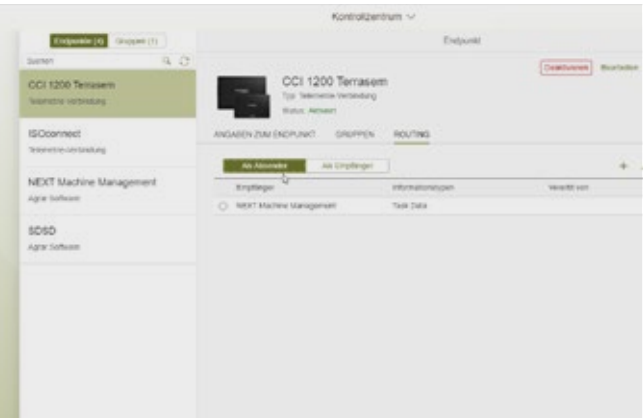
Optional on JUMBO models.

The new 12" CCI 1200 ISOBUS terminal offers the professional farmer a comprehensive function package. The terminal is operated like a tablet using a touchscreen. Navigation is kept simple so you find what you need with just a few taps. The integrated ambient light sensor automatically adjusts the brightness of the display.

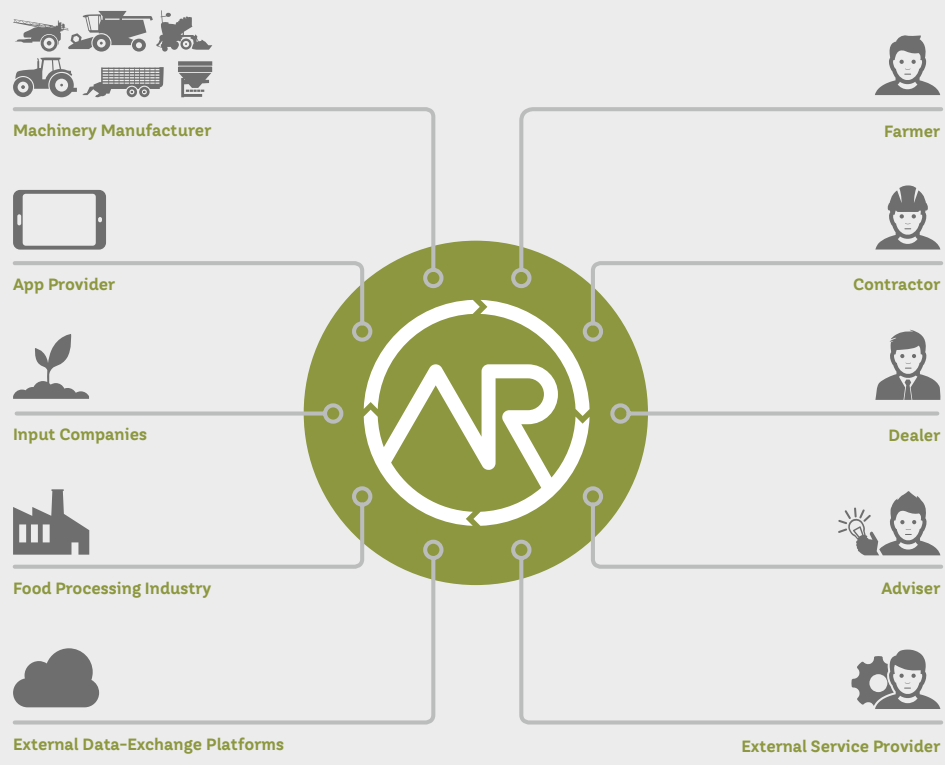
Without agrirouter



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.



With agrirouter



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

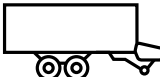

You can use the agrirouter for sowing technology in conjunction with our VITASEM and AEROSEM with electric metering drives and TERRASEM seed drills. In the harvesting sector, our ISOBUS-compatible loader wagon range FARO, EUROPROFI, TORRO and JUMBO can be connected to the agrirouter. These machines are 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

Often ordered together.



	POWER CONTROL	EXPERT 75 CCI 1200 CCI ISOBUS	Additional tracking roller for pick-up	AUTOCUT	SUPERLARGE pick-up
JUMBO 6020 L COMBLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUMBO 6020 D COMBLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUMBO 6620 L COMBLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUMBO 6620 D COMBLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUMBO 7220 L COMBLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUMBO 7220 D COMBLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUMBO 10020 L COMBLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUMBO 10020 D COMBLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					
JUMBO 6620 L	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUMBO 8020 L	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

More equipment options

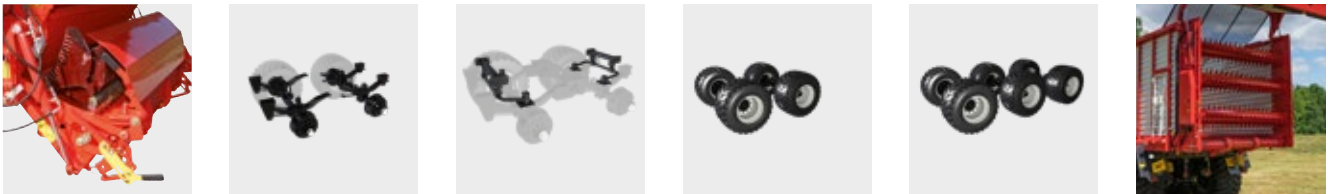
- Tyres: 710/50R26.5", 800/45R26.5"
- Mechanical controlled steering
- Electro-hydraulic controlled steering
- Lift axle for Tridem with auto lowering function
- Terminals
- LED work lights package 2 and 3
- Weighing system
- DURASTAR knives
- Top profile
- Flashing beacon
- EBS braking system
- Video systems
- Warning signs

Additional equipment for JUMBO

- 2-speed scraper floor motor
- LARGE tailgate
- Extension plate for LARGE tailgate

Additional equipment for
JUMBO COMBILINE

- Duct cover for transport mode
- Load containment system
- Superstructure extension
- 3rd beater rotor



Cleaning comb for knives	Parabolic leaf spring chassis	Parabolic leaf spring chassis with anti roll bar	Hydraulic tandem chassis	Hydraulic tridem chassis	3rd beater rotor
<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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Configure you own machine.

■ = Standard, □ = Optional

Technical data



JUMBO L COMBILINE	Load capacity DIN volume	Pick-up width SUPERLARGE	Knives knife spacing	Loading area length/width
6020 L COMBILINE	60 m³ 34.3 m³	2.0 m 2.36 m	45 pcs 34 mm	6.52/2.30 m
6620 L COMBILINE	66 m³ 37.9 m³	2.0 m 2.36 m	45 pcs 34 mm	7.20/2.30 m
7220 L COMBILINE	72 m³ 41.5 m³	2.0 m 2.36 m	45 pcs 34 mm	7.88/2.30 m
10020 L COMBILINE	100 m³ 48.1 m³	2.0 m 2.36 m	45 pcs 34 mm	9.23/2.30 m



JUMBO D COMBILINE				
6020 D COMBILINE	60 m³ 32.9 m³	2.0 m 2.36 m	45 pcs 34 mm	6.25/2.30 m
6620 D COMBILINE	66 m³ 36.5 m³	2.0 m 2.36 m	45 pcs 34 mm	6.93/2.30 m
7220 D COMBILINE	72 m³ 40.1 m³	2.0 m 2.36 m	45 pcs 34 mm	7.61/2.30 m
10020 D COMBILINE	100 m³ 46.6 m³	2.0 m 2.36 m	45 pcs 34 mm	8.85/2.30 m



JUMBO				
6620 L	66 m³ 39 m³	2.0 m 2.36 m	45 pcs 34 mm	7.75/2.30 m
8020 L	80 m³ 46.5 m³	2.0 m 2.36 m	45 pcs 34 mm	8.52/2.30 m

JUMBO / JUMBO COMBILINE

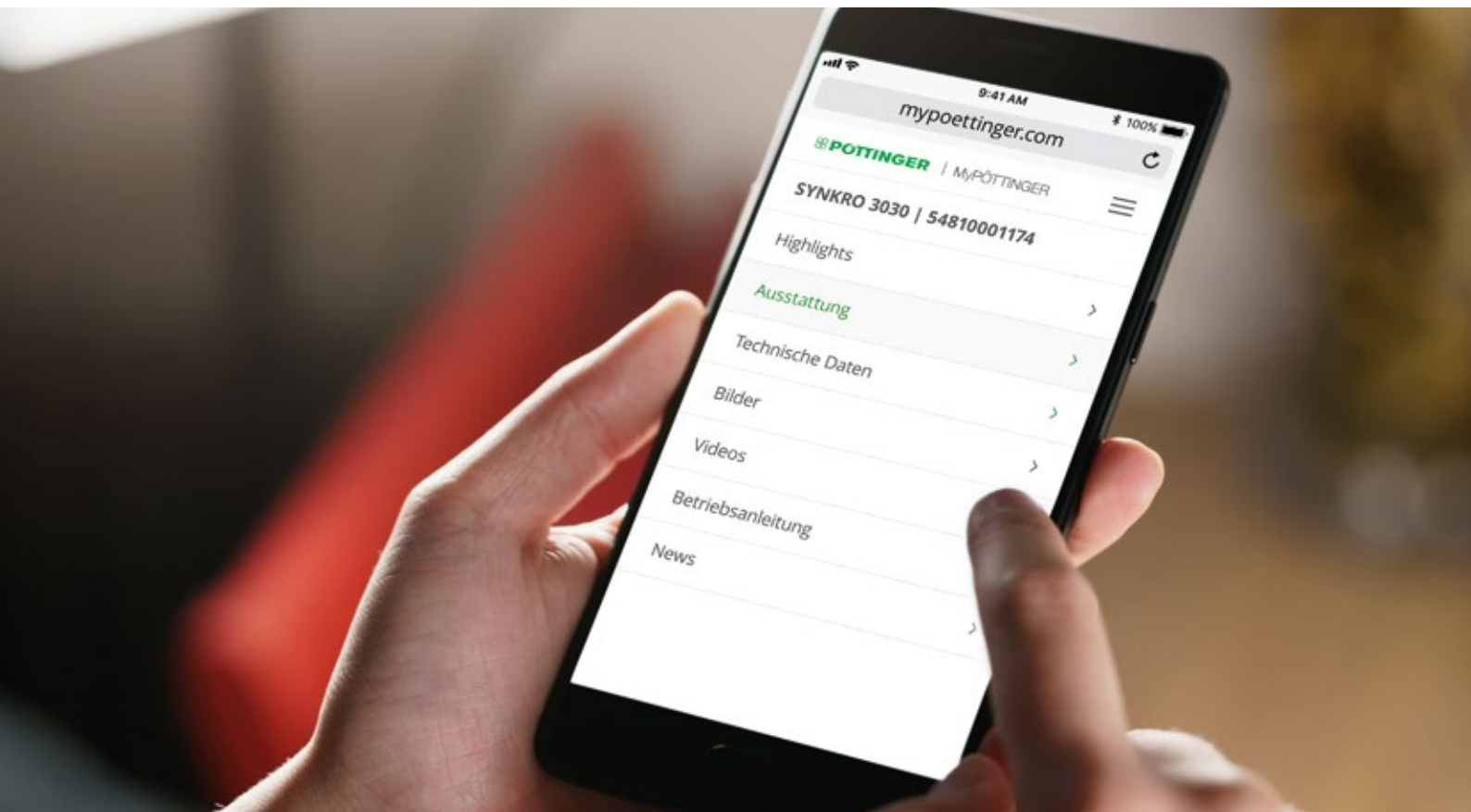
External dimensions length/width	Overall height 22.5" 26.5" tyres	Standard unladen weight	Permissible total weight	Maximum total weight
9.25/2.82 m	3.765 3.945 m	8.99 t	21 t	24 t
9.93/2.82 m	3.830 3.945 m	9.15 t	21 t	24 t
10.61/2.82 m	3.865 3.990 m	10.60 t	23 t	31 t
11.86/2.82 m	3.795 3.990 m	11.95 t	31 t	31 t

9.25/2.82 m	3.765 3.945 m	9.54 t	21 t	24 t
9.93/2.82 m	3.830 3.945 m	9.70 t	21 t	24 t
10.61/2.82 m	3.865 3.990 m	11.15 t	23 t	31 t
11.86/2.82 m	3.795 3.990 m	12.50 t	31 t	31 t

9.93/2.82 m	3.98 3.98 m	8.75 t	20 t	24 t
11.39/2.82 m	3.98 3.98 m	9.25 t	20 t	31 t

All machine information at a glance

ORIGINAL PARTS



MyPÖTTINGER – Simple. Anytime. Anywhere.

For all PÖTTINGER machines 1997 models onwards

We have created MyPÖTTINGER as a tool to provide machine specific information for all machines from year of build 1997 onwards.

Simply scan the QR code on the data plate with your smartphone or tablet or enter your machine number at www.mypoettinger.com.

Your machine goes online

You will immediately receive all the information on your machine.

- Instruction manual
- Optional equipment 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.

CLASSIC
DURASTAR
DURASTAR PLUS

Wear parts

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

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

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



More Success with PÖTTINGER

- A family-owned company since 1871
Your reliable partner
- Specialist for tillage, seed drills
Hay and harvesting machines
- Future-safe innovation for outstanding working results
- Roots in Austria - at home throughout the world

Harvest quality

- The high output JUMBO loader wagon series delivers impressive pick-up and loading performance
- The best silage and forage quality thanks to innovative short chop technology
- High reliability, high quality components
- Maximised cost effectiveness with excellent versatility

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