

Rotor loader wagon
PROFI 5000

 **PÖTTINGER**

Harvest like a pro



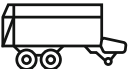
Harvest like a pro



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The PROFI 5000 is the perfect entry-level loader wagon in the rotor class. The pick-up with a working width of 2.1 m collects the crop neatly, transfers it to the high-performance double-tine rotor, which transports the forage precisely through the 31-knife chopping system. The automatic loading system fills the loader wagon to capacity. Some models are also equipped with beater rotors to unload the material uniformly in the clamp, and two larger models have been specially developed for transporting dry forage. The PROFI 5000 is the all-rounder for every crop.

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The best forage



The best forage quality is the basis for your success

High yield dairy cattle need a high quality basic ration with the optimum structure. If the forage they are presented with also smells pleasant, the animals will consume it willingly and in sufficient quantities. In this way, the rumen is ideally attuned to forage intake by the livestock and is prepared to maximise utilisation of the ration.

A high quality basic ration reduces dependence on concentrates and promotes animal health, both of which lower your costs.

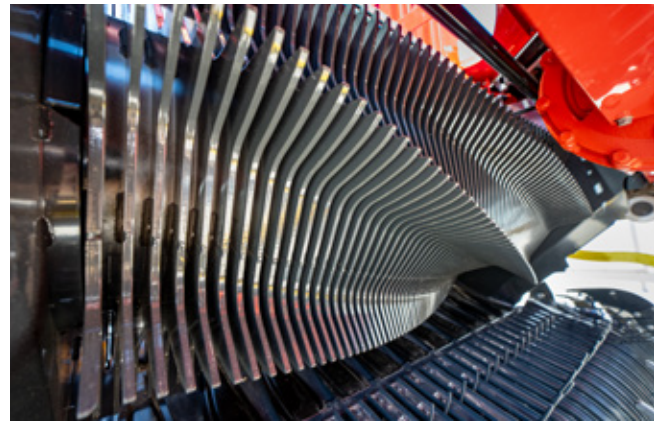
There is no way around the fact that the cows' health has an impact on their fertility and milk yield. The bottom line is that you benefit from clean, high-quality forage with higher profits from your dairy business.

Entry-level rotor class

High-quality forage in the form of silage provides sufficient structure for the rumen, and, if harvested properly, is full of energy, just like concentrates. In terms of silage harvesting, rotor loader wagons tick all the boxes. The rotor ensures a uniform flow of crop, a consistent chopped length, and smooth filling of the loading chamber.

The PROFI 5000 is PÖTTINGER's smoothest-running rotor loader wagon and provides the optimum platform for bringing in high-quality forage in high quantities for your animals.

PROFI 5000



Top forage quality



Top forage quality

In order to harvest the best forage, it is not only the forage crop plants and the time of harvest that are decisive. The harvesting process itself also plays a major role.

Clean collection

The controlled floating pick-up conserves the sward, reduces dirt ingress and at the same time prevents unnecessary wear on the tines. Thanks to the floating system, the crop can be picked up cleanly from the ground even in difficult conditions.

Perfect forage flow

The swath roller including specially adapted plastic crop transfer rods ensures a perfect forage flow even at higher loading speeds. Maximum loading capacity is ensured by the pick-up.

Tidy transfer

On the controlled pick-up, the tines are retracted horizontally so that the forage is actively transferred to the rotor. The rotor is designed for a high throughput and feeds the crop directly into the loading chamber through the knife bank.

Consistent chop length

The optimum spacing between the knives and the pairs of rotor tines ensures a clean cut and, thanks to the narrow tines, smooth running. Because the pick-up speed is matched to the rotor speed, the forage is not “dragged” in a longitudinal direction and the best possible chopping quality is achieved.



Controlled floating pick-up

The PROFI 5000 features PÖTTINGER's specially developed floating pick-up, which stands for cleanly collected crop and top forage quality.

Thanks to key components and features such as mechanical weight alleviation, floating suspension, controlled pick-up tines, jockey wheels and a jockey wheel chassis, everything is set to harvest the best quality forage.

Everything considered, the controlled floating pick-up ensures a reliable and high intake rate.

Pick-up suspension

Weight alleviation of the pick-up is achieved mechanically by a tension spring, so that it does not apply its full weight to the ground. Each jockey wheel only exerts 100 kg at each end of the pick-up, which is a huge reduction in ground contact pressure.

Hydraulic weight alleviation of the pick-up is also available for consistent ground pressure. The cylinder can be flexibly matched to the conditions in the field, meaning that the contact pressure can be reduced even further in wet meadows, for example.

The highest forage quality

Pick-up



- 1 Swath roller with crop transfer rods
- 2 6-row, sweeping tine configuration
- 3 Cam track control
- 4 Optional feed auger
- 5 Specially shaped guide fingers
- 6 V-belt drive
- 7 Trailed jockey wheels
- 8 Optional jockey wheel chassis



Wide intake

With a large 2.1 m-wide pick-up, the crop is collected without losses not only when working in optimum conditions, but also when cornering and picking up wider swaths.

Rows of sweeping tines

The 6 rows of sweeping tines on the pick-up adapt perfectly to undulations, ensuring that the crop is picked up cleanly from the ground. Because the entire length of the tine leg is used right up to the withdrawal point, the forage is transferred perfectly to the rotor.

Thanks to the sweeping action of the controlled pick-up tines, the sward is conserved, the crude ash content is reduced, and unnecessary wear to the tines is avoided.

Cam track at both ends

The shape of the cam track ensures optimum movement of the tines. This ensures the tines sweep in an arc to pick up the forage at the correct angle. They lift the forage gently from the ground, actively transfer the crop to the rotor at a matched speed and at the defined transfer point. The tines dip down at right angles to prevent the forage from snagging.

The machined cam tracks with solid inner core at each end of the pick-up ensure smooth operation, an extended service life, and maximum efficiency.

The highest forage quality

Pick-up



Perfect forage flow

Swath roller

The swath roller with optimised crop transfer rods ensures perfect crop flow even at high driving speeds. The plastic crop transfer rods are designed for flexibility and also have a cushioning effect.

Specially shaped guide fingers

The pick-up on the PROFI 5000 has specially shaped guide fingers on each side that have been developed for easy crop flow merging. These guide fingers deliver impressive performance with their solid and robust design and no driveline, so they are completely maintenance-free.

Optional feed auger

Feed augers are available as an option to be fitted instead of the guide fingers, especially for challenging operating conditions such as fetching fresh grass for zero-grazing. The result is optimum crop flow.

Pick-up driveline

PÖTTINGER uses V-belts to drive the pick-up on the PROFI 5000 to ensure smooth and maintenance-free operation. The driveline is fitted with two belts, that adapt perfectly to the movements of the pick-up. At the same time, they serve as overload protection. Maintenance and wear are minimised.



Perfect ground tracking

The pick-up is suspended at each end and moves through an arc of 175 mm. In addition, the pick-up can also swing downwards in the direction of travel.

As a result, clean and loss-free crop take-up on uneven terrain is no problem. Even swathes located on the roughest ground are picked up cleanly.



Jockey wheels

The jockey wheels are trailed as standard. The height of the jockey wheels can be adjusted without the need for tools using a hole matrix.

These height-adjustable jockey wheels contact the ground on precisely the same line as the tines to ensure perfect ground tracking.

Thanks to the integrated weight alleviation, the pick-up does not rest with its full weight on the jockey wheels. This protects the sward.

Optional jockey wheel chassis

An optional jockey wheel chassis is available for even better ground tracking. Two rollers are mounted behind the pick-up to guide it over the ground more accurately. The jockey wheel chassis moves together with the jockey wheels in all directions while still allowing the pick-up to float freely.

Before starting work, the height of the jockey wheel chassis can be adjusted up and down using a turnbuckle. It needs to be positioned between the line of contact of the jockey wheels and the pick-up tines in order to work most effectively.

Parallel linkage

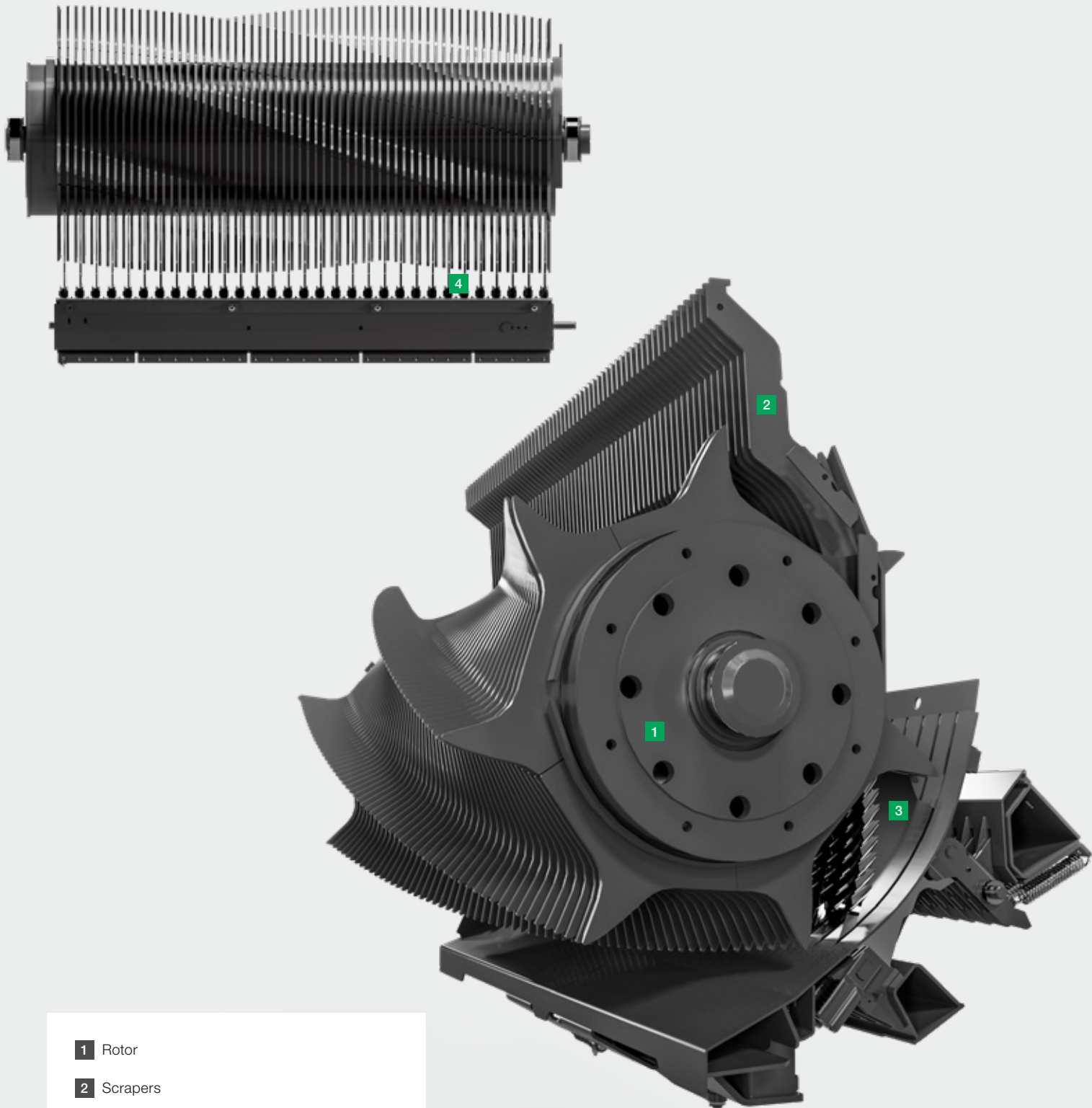
The jockey wheel chassis not only follows the pick-up from side to side, but also up and down. The rollers move in together with the jockey wheels and the pick-up tines in a parallel linkage.

When the jockey wheels ride over a bump or a dip, not only do the tines but also the two rollers move up and down in parallel. This means that the pick-up tines are always at the same distance from the ground.

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

The highest forage quality

Rotor



- 1 Rotor
- 2 Scrapers
- 3 Short chop chopping system
- 4 Double tines



Loading unit

The heart of the PROFI 5000 is a powerful double-tine rotor. Rugged and powerful, the rotor delivers high output chopping and compression.

With a diameter of 750 mm and seven rows of double tines arranged in a helix, the rotor enables a neat chopping pattern. The seven rows ensure a continuous loading process that conserves the forage. The double tines enter the crop easily, conveying the flow of forage evenly through the chopping system and into the loading chamber.

A rotor speed of 1000 rpm ensures maximum throughput and a smooth and consistent loading process.

Optimised tine geometry

A performance-optimised tine configuration with conveyor tines that are 7 mm thick picks up the forage cleanly and pulls it smoothly directly past the knives into the loading chamber. The optimised tine shape ensures maximum conveying capacity even with wet and short forage.

A smooth harvesting process is made possible thanks to the PROFI 5000 with its specially designed double-tine rotor.



Scrapers

The large scraper area inside the loading chamber ensures excellent conservation for all types of material.

The scrapers have a width of 12 mm, which significantly reduces the risk of mashing the forage. The forage is transferred from the rotor into the loading chamber as the rotor passes through the scrapers. Thanks to the large surface area of the scrapers, less pressure is applied to the forage and it remains intact in the loading chamber. What is more, because the surface area of the scrapers is 54% larger, the material inside the loading chamber can be compressed to a higher degree.

The highest forage quality

Chopping system



PROFI short-chop chopping system

The short-chop chopping system on the PROFIL 5000 achieves a theoretical chopped length of 45 mm. The 31 knives chop the forage into evenly-sized small batches that are perfect for silage.

The knives are only 4 mm thick. This means they run incredibly smoothly and increase the efficiency of forage harvesting. In addition, the power required for the chopping system has been reduced by 10% compared to using knives that are 5 mm thick.

Hydraulic knife bank pivot system

Thanks to the hydraulic pivot system on the 31-knife chopping system, the knife bank can be conveniently pivoted out of the working position at the touch of a button. The knife bank can then be swung out alongside the wagon.

EASY MOVE swing-out knife bank

There is no easier way to change the knives.

The EASY MOVE swing-out knife bank is installed as standard on the PROFIL 5000 with the short-chop chopping system to make it as convenient as possible to work on. After the knives have been pivoted out hydraulically, the release lever can be actuated. This allows the knife bank to be swung out next to the loader wagon. Having to get underneath the loader wagon to remove knives is history, because now you can work on the knife bank while standing with an upright posture.

Optional bolt-in frame

The bolt-in frame with 6 or 11 knives and a theoretical chopped length of 270 mm or 135 mm is ideal for harvesting haylage and dry material. The slot-in knives can be removed from under the loader wagon. This provides an optimal chopping system for dry crop material.



Central knife release system

Operation is convenient and easy thanks to the central knife release system on the short-chop chopping system. All the knives are released mechanically when the lever is actuated, and can then be easily removed.

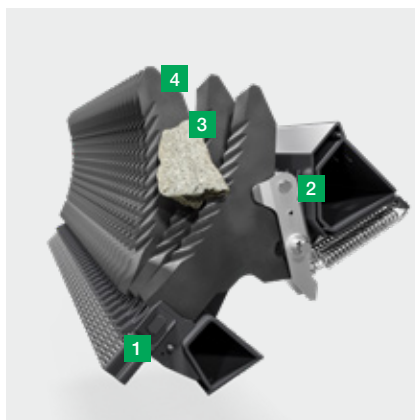
When the knives have been replaced, simply actuate the lever to secure them in place again.



Mechanical scraper

A mechanical scraper is located between the knives. This prevents dust and dirt from entering the space between the knives, and is cleaned automatically when the knife release system is actuated.

The scraper pivots away from the knives when they are released. Reduced dirt ingress between the individual knives means less maintenance is required.



Individual knife protection system

The individual knife protection system with trigger mechanism ensures there is no risk of foreign objects damaging the rotor, chopping system, or harming the livestock.

- 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.

The individual knife protection system pivots the knife away, and then automatically returns it to the working position. This ensures that the chopping quality is always maintained.



COMFORTCUT

The intuitive COMFORTCUT knife sharpening system is available as an option on the 31-knife chopping system. This is operated by an angle grinder that is mounted on a special carriage.

This sharpens the knives in a predefined order while the knives are still installed in the knife bank. This means that the knives are sharp at all times for consistent chop quality and a fuel-saving harvest.

This convenient feature simplifies everyday work and also saves costs.

Efficiency and cost effectiveness



Cost effective harvesting process

The loader wagon can carry out the operations of crop collection, chopping, compaction and transport in one machine. That is why the loader wagon is often referred to as a two-person harvest system. This means that different fields can be harvested alternately in relation to the quality of the forage and their distance from the clamp. In the meantime, the compaction machine at the clamp can work uninterrupted to generate the best possible quality forage. Maximum flexibility with different types of crop also ensures the most cost-effective utilisation.

The HARVEST ASSIST app optimises machine deployment to make harvesting as straightforward as possible.

The loader wagon process produces the best quality forage and silage at low harvesting costs. That is why the loader wagon is the best harvesting process.

Working efficiently

Efficient work is needed to make long working days as pleasant as possible. Thanks to the numerous features on the PROFI 5000, an efficient working day is part of the process.

From the automatic loading system to the lowered scraper floor, and variable speed unloading to the optional folding dry forage extension, the ingenious features on board the PROFI 5000 help to minimise the effort needed on harvest days.



Full power up to 1600 Nm

The drive train on the PROFI 5000 has been designed for tractors between 100 and 170 hp.

It is driven by a wide-angle PTO shaft with integrated cam-type clutch to protect the drive train. The 1 1/2" high strength simplex chain with automatic tensioner transmits power to the loading rotor.

Chain greasing

The PROFI 5000 is equipped with automatic greasing for the drive chain as standard. This ensures regular application of grease, which can significantly extend the service life.

High or low drawbar

On the PROFI 5000 you can choose between a high and a low drawbar. The high drawbar with a drawbar load of 2 t can be used for any type of tractor and avoids all problems with lower linkages or large swaths.

The low drawbar offers a drawbar load of 2.5 t. It also minimises the upwards movement of the loader wagon for a reliable harvesting process.

Efficiency and cost effectiveness

Loading chamber



All-steel structure

The PROFI 5000 has a loading chamber that is 2.2 m wide. The frame is a solid all-steel structure including a fixed steel superstructure.

The advantage of the all-steel version is that the forage can be loaded and transported reliably and easily in all areas of application without any losses. It means that the loader wagon can be used for a multitude of tasks to ensure efficient utilisation.

Front panel with forage compression flap

The front panel of the PROFI 5000 is fixed and has a movable forage compression flap. The large surface area of the forage compression flap in connection with the automatic loading system ensures the best compression of the crop and maximum filling of the loading chamber. Two different sensors are installed for this purpose.

- 1** One sensor is located in the outer area of the front panel. The front panel has a movable flap which is pushed outwards as the forage enters the loading chamber. As soon as the set pressure is reached, the automatic loading system is activated. This is particularly helpful when harvesting short, wet and heavy forage, such as in autumn.
- 2** One angle sensor is mounted on the forage compression flap. As the loading chamber fills up, the crop is pressed against the forage compression flap. The angle sensor detects the movement of the flap. You can set the level of compaction in the loading chamber at which the loading system is activated.

These two sensors control the automatic loading system.



Automatic loading system

The smooth delivery of power during loading is what makes a modern loader wagon with an automatic loading system stand out. The automatic function helps to ensure that the loading chamber is completely filled to achieve the highest possible transport capacities.

What is more, the automatic loading system can be set for harvesting hay to make sure that the loader wagon is filled evenly and fully.



Scraper floor

Lowered scraper floor

The scraper floor is lowered by 150 mm to ensure better and easier transfer of the crop from the rotor into the loading chamber.

Scraper floor

Four high strength chains with offset steel scraper bars ensure fast unloading.

The scraper bars transport the crop over the pressure-impregnated and durable wooden floor, which has particularly good sliding properties.

Scraper floor driveline

The PROFIL 5000 has a stepless motor as standard to move the scraper floor. This is mounted to one side and enables a variable speed of up to 16 m/min.

As an option, the scraper floor can also be driven by a two-speed motor to increase the unloading speed.

- Speed 1 – Normal operation:
0 m/min to 16 m/min
- Optional speed 2 – high speed
especially for the end of the
unloading process: up to 20 m/min

Automatic unloading

The automatic unloading system makes things a great deal easier for the driver and protects the machine.

This function is used to control the tailgate, scraper floor and, on DB models, the beater rotors.

Efficiency and cost effectiveness

Structure



Multifunctional tailgate

The tailgate is opened, closed and locked as standard using hydraulic cylinders. No mechanical interlock is required.

To enable unloading without beater rotors even inside low buildings, the opening of the tailgate can be adjusted. Fitting optional struts makes the tailgate open to the rear only, instead of upwards, with the dry forage extension lowered. The following tailgate settings are possible on models with an all-steel structure as well as on models with the dry forage extension, allowing flexible unloading in every situation:

- Normal unloading: Full cross-section open – especially for unloading hay.
- The tailgate then only lifts upwards to the rear.
- The tailgate opening is extended upwards by 100 mm.
- The tailgate opening is extended upwards by 200 mm.

Tailgate on DB models

The tailgate on DB models is a true multi-tasker. The tailgate can be set to different degrees of opening so that the loader wagon can unload for flexible applications:

- 1 Normal dosing: tailgate wide open
- 2 Fine distribution: Tailgate only slightly open for precision unloading
- 3 Cross-conveyor mode: Tailgate slightly open with crop deposited on the cross conveyor belt



Load secured by roof ropes

The PROFI 5000 is equipped with tautly tensioned roof ropes. Together with the rear tarpaulin, they secure the forage in the loading chamber and keep it compact inside the loader wagon.

The roof ropes ensure the load is secure while making maximum use of the space available.

Variable height

The extension bars, which are positioned above the loading chamber from the side, are height-adjustable by around 300 mm. There are three positions to choose from.

This means that the overall height can be adapted and lowered if needed for low clearances and driving into sheds.



Optional dry forage extension

Instead of the all-steel superstructure, a dry forage extension including forage compression flap and the standard roof ropes can also be selected as an option. This is especially suitable for harvesting dry crops.

The dry forage extension is made of struts that fold up and down hydraulically. The height can be reduced by up to 630 mm so that the wagon can drive into low sheds.

The folding dry forage extension is available for the following models:

- PROFI 5260 DB
- PROFI 5270
- PROFI 5290 DB
- PROFI 5300

Automatic loading system

This wagon has two sensors that control automatic loading with the dry forage extension. A pressure sensor on the front panel measures the compression of the forage, and a sensor that measures the angle of the forage compression flap. The sensors can be used to customise the loading strategy to match your specific requirements.

Convenience and maintenance



Making things easier in everyday working life

A day of harvesting asks a lot from people and their machines - often well into the night. This makes it all the more important to have a system that not only works reliably, but also actively takes some of the pressure off.

This is exactly where the loader wagon comes in with a multitude of ingenious solutions that make things easier. Functions such as automatic loading and unloading ensure smooth operation, while the integrated service counter and maintenance-friendly systems such as automatic chain greasing noticeably reduce daily service requirements.

Then there is the drawbar shock absorber, which ensures a smooth ride, as well as an extensive lighting package that provides the best visibility at night. All these features help to make everyday working life more efficient, more convenient, and safer - even in demanding conditions.

Parallel lift drawbar

The standard hydraulic parallel lift drawbar provides particularly high ground clearance. Because the pick-up can also be raised to get even more clearance, there are no problems driving over the clamp or over swaths in the field.

Drawbar shock absorber

The PROFI 5000 has a gas-filled accumulator that acts as a drawbar shock absorber to increase driving comfort. Jolting and shock loads are reduced, ensuring a smooth and steady ride on the road even at high speeds.



Lighting packages

All PROFI 5000 models are equipped with a floodlight in the loading chamber as standard. This illuminates the loading chamber and is particularly useful when the loader wagon is empty after a day's harvesting.

For even better visibility, an additional lighting package is available as an option:

- A second loading chamber floodlight
- Two floodlights directed at each side of the chassis
- Two floodlights for reversing

This lighting package allows flexible operation at any time of day or night. The additional lighting package provides enough light to continue working at night, so you get the best possible utilisation out of your loader wagon.

Service counter

Who last greased the machine, and when?

Because there is always loads to do on a farm, it's all too easy to lose track of machinery maintenance. As a result, greasing is carried out too often, or not often enough. This can affect the service life of many components.

The service counter is provided as standard to display maintenance information on the terminal. This makes for more efficient maintenance and means the machine is always ready for action.

Reliability



Maximum reliability

Continuously increasing demands in terms of output in ever shorter harvest windows make it more important than ever to have machinery you can rely on.

Safety also plays an important role during the harvesting day, as well as during maintenance. A wider track width, the intelligent self steering axle and the right choice of chassis can be decisive factors for a safe working day. They also provide protection and support in difficult conditions.

Regardless of whether there are optimum working conditions in the field, or you are working on steep ground, the PROFI 5000 always has safety in mind.

Conserve the soil, boost the yield

Keeping the soil healthy is one of the key factors for ensuring the quality of the forage, which is why the choice of chassis and the right tyres also play an important role.

The right choice of tyres protects the sward, which in turn increases your profit, meaning that the use of high output machines can very well go together with soil conservation.

This contributes to the quality of the forage, the cost effectiveness of the harvesting process, and the sustainability of the farm.



Intelligent self-steering axle as an option

An intelligent self steering axle can be selected as an option on the PROFIL 5000. The axle steering locks automatically when reversing the machine and when working on steep ground. Thanks to the integrated slope inclination sensors, you can define the angle at which the steering lock engages automatically.

This convenient feature enhances safety for a stress-free working day during harvesting.

For an added level of safety on steep slopes.

Reliability

Tyres and axle options



Wider track width

The 100 mm wider track width is available as an option to provide a total track width of 1950 mm. This width is perfect for working on slopes and improves the stability of the loader wagon. This level of enhanced safety makes forage harvesting possible even in challenging terrain.

Soil conservation

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.

Tyre pressure also contributes to soil conservation and compaction.

Tyre table PROFI 5000 with 6.5 t axle load at 40 kph

Tyre size	Payload per wheel	Tyre pressure	Footprint	Pressure on ground
520/50-R17 Flotation Trac ¹⁾	3250 kg	2.9 bar	1225 cm ²	2.6 kg/cm ²
620/40-R22,5 Flotation Pro ¹⁾	3250 kg	2.2 bar	1377 cm ²	2.31 kg/cm ²
710/35-R22,5 FL 693 M ²⁾	3250 kg	2 bar	–	–

Tyre table PROFI 5000 with 8 t axle load at 40 kph

Tyre size	Payload per wheel	Tyre pressure	Footprint	Pressure on ground
620/40-R22,5 Flotation Pro ¹⁾	4000 kg	2.9 bar	1369 cm ²	2.87 kg/cm ²
710/35-R22,5 FL 693 M ²⁾	4000 kg	2.8 bar	–	–

¹⁾ Source: Apollo Vredestein GmbH ²⁾ Source: BKT



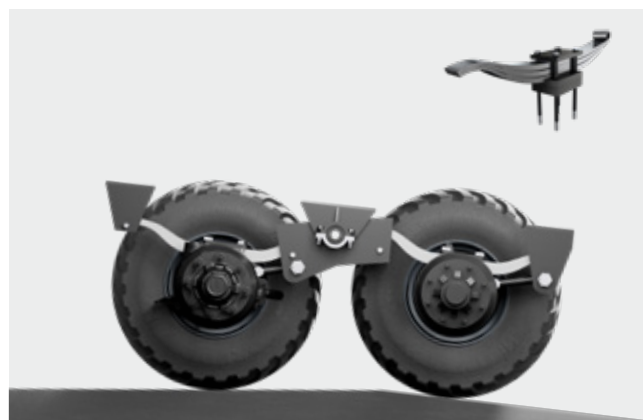
Tandem axle with parabolic spring suspension and compensator arm

The compensator arm distributes the axle load between the two axles. Each axle is equipped with parabolic leaf springs, which are fixed at the front and have freedom of movement at the back. The front and rear axle springs are connected by a compensator arm, which acts like a seesaw.

The chassis adjusts automatically when driving over bumps: If the front axle is subjected to a greater load, the spring yields and the rear axle is relieved or pressed downwards. This keeps the wagon stable so it runs smoothly in the field, on the road and in the clamp.

The system distributes the pressure applied to the ground, improves the braking effect on all four wheels, and ensures a particularly smooth ride.

Suitable for 13 t chassis.



Tandem axles with parabolic springs and longitudinal linkage

For parabolic leaf springs with longitudinal linkages, the parabolic leaf springs are not fixed on mountings at the front. Each spring is free to move at the front and the back so that they can optimally absorb feedback from the ground.

A strong longitudinal linkage that is firmly bolted to the axle guides the spring and ensures precise guidance in the chassis. The shortened compensator arm connects the two axles and acts like a rocker.

The rocker effect of the compensator arm distributes the axle load evenly to all 4 wheels regardless of the task. The result is a smooth, stable ride and reliable ground tracking.

Suitable for 16 t chassis.

Axles to match your needs

	Tandem axle with compensator arm 13 t – 17"	Tandem axle with compensator arm 13 t – 22.5"	Tandem axle with longitudinal linkage 16 t – 22.5"
PROFI 5260 DB	■	□	□
PROFI 5270	■	□	□
PROFI 5290 DB	■	□	□
PROFI 5300	■	□	□
PROFI 5320 DB	■	□	□
PROFI 5330	■	□	□
PROFI 5450 DF	■	□	□
PROFI 5520 DF	–	–	■

■ = standard, □ = optional, – = not available

Rotor loader wagon

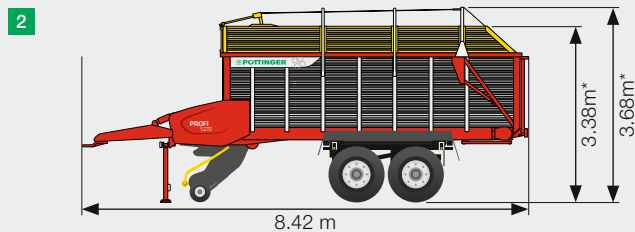
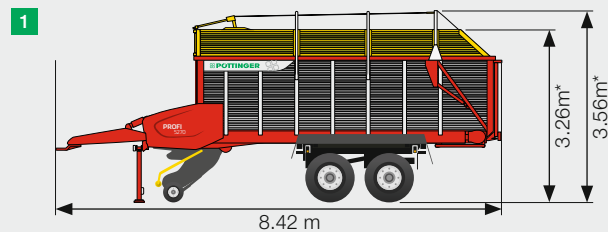




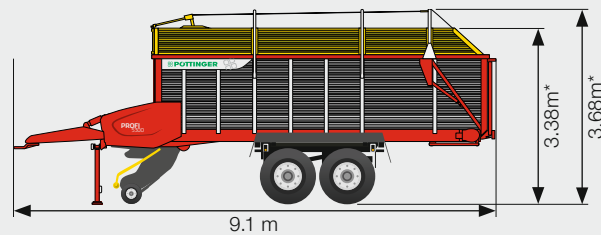
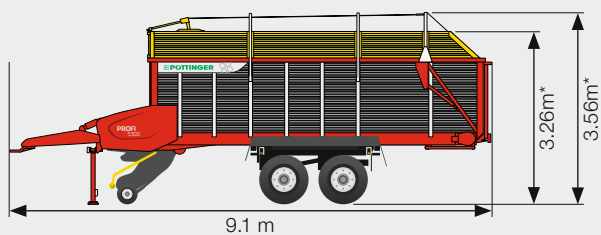
Rotor loader wagon

PROFI 5000

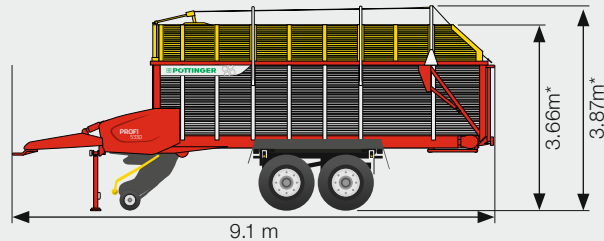
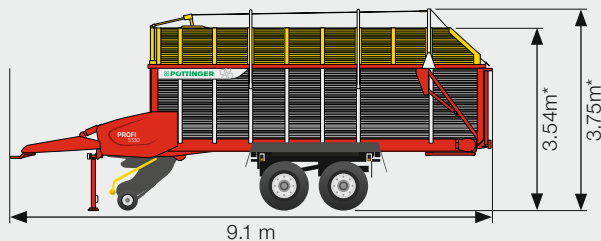
PROFI 5270



PROFI 5300



PROFI 5330



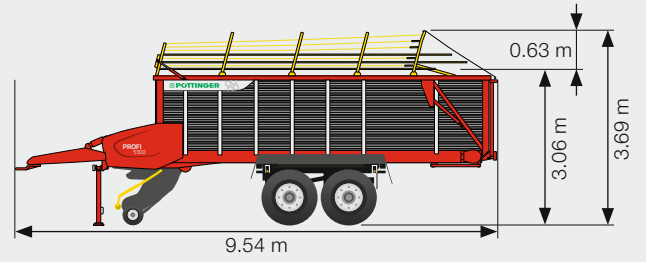
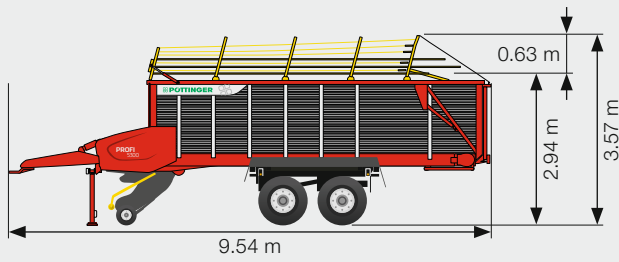
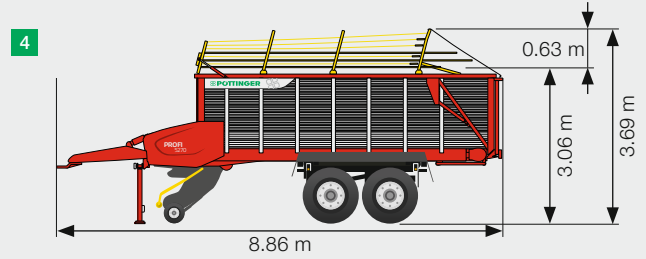
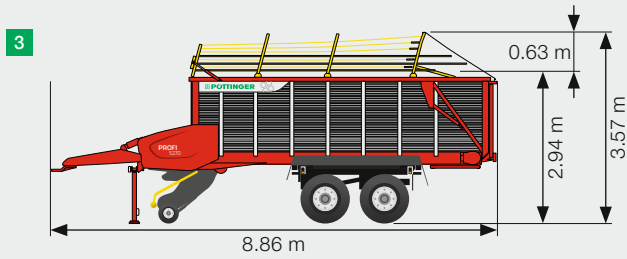
Rotor loader wagon – PROFI 5000

The PROFI 5000 rotor loader wagon is available in three different sizes:

- PROFI 5270 with 27 m³
- PROFI 5300 with 30 m³
- PROFI 5330 with 33 m³

- 1** PROFI with top panels and 17" tyres
- 2** PROFI with top panels and 22.5" tyres
- 3** PROFI with dry forage extension and 17" tyres
- 4** PROFI with dry forage extension and 22.5" tyres

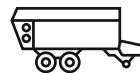
PROFI 5000



* Height varies depending on the tyres and the position of the extension bars

Rotor loader wagon

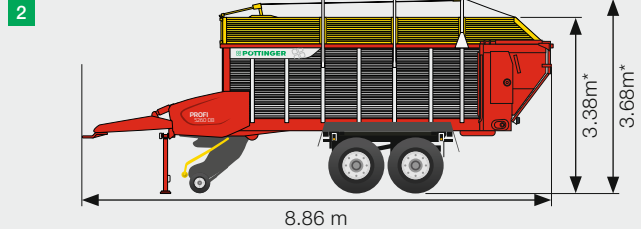
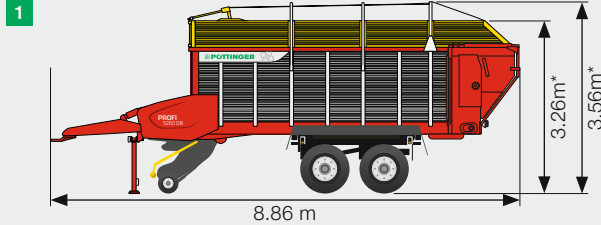




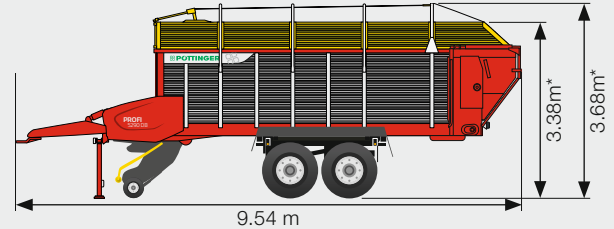
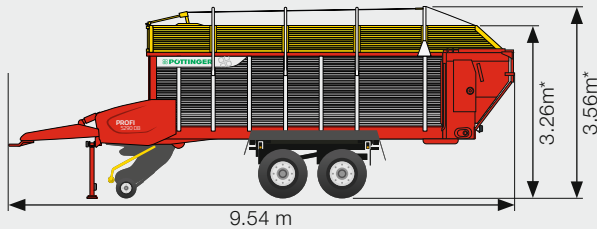
Rotor loader wagon

PROFI 5000 DB

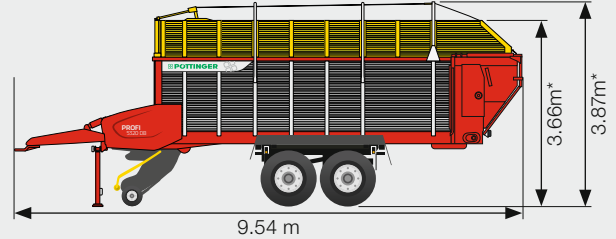
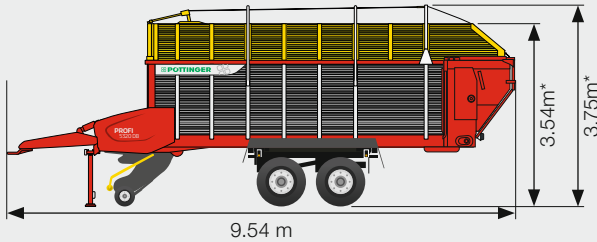
PROFI 5260 DB



PROFI 5290 DB



PROFI 5320 DB



Rotor loader wagon with beater rotors

The PROFI 5000 DB rotor loader wagon is fitted with beater rotors and is available in three different sizes:

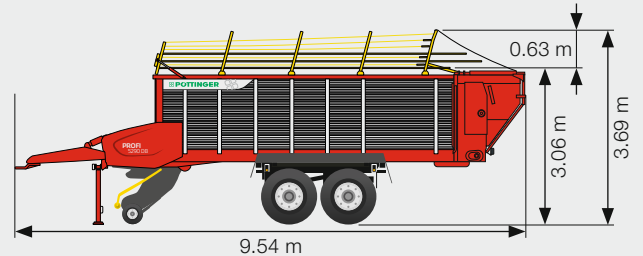
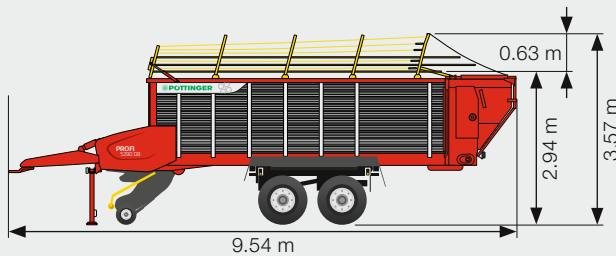
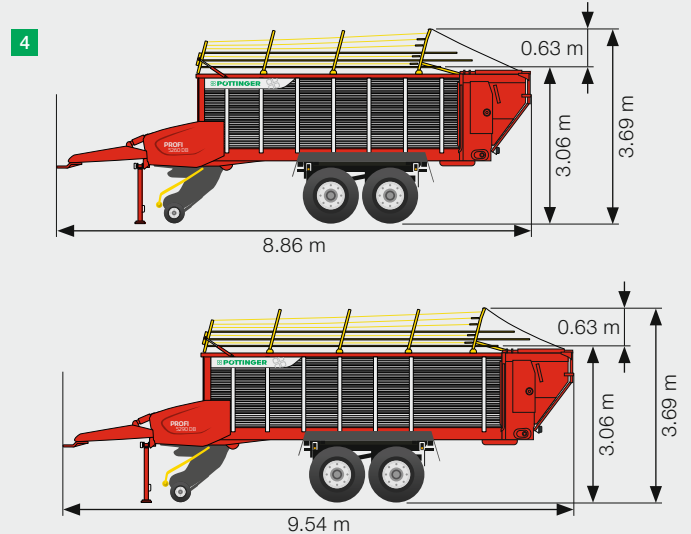
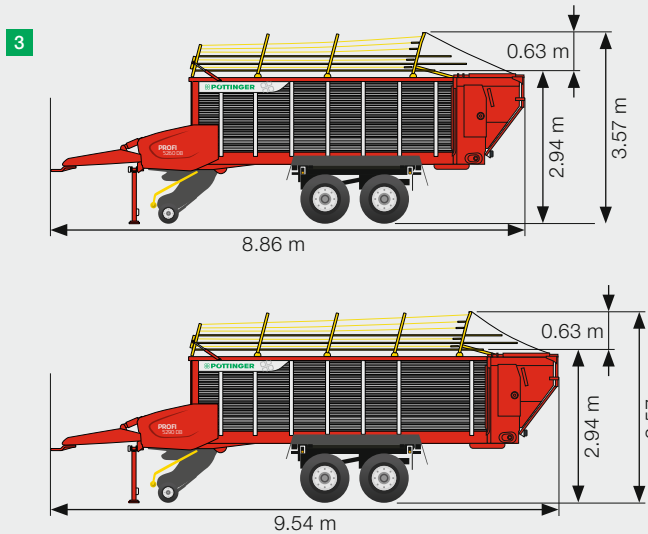
- PROFI 5260 DB with 26 m³
- PROFI 5290 DB with 29 m³
- PROFI 5320 DB with 32 m³

Beater rotors

The PROFI models with the DB (Discharge Beaters) designation, are equipped with two beater rotors as standard. DB models are recommended for unloading a uniform blanket of crop in the clamp. The geometry and position of the rotor tines prevent the forage from exiting the wagon in clumps. At the same time, they distribute the stalks evenly as the forage is ejected from the loading chamber. The two beater rotors installed as standard provide perfect distribution. This makes it easy to drive through the clamp and distribute the material evenly.

A third beater rotor can be added as an option. Unloading with three beater rotors is particularly advantageous when using the cross conveyor belt. This ensures greater unloading accuracy without losses.

- 1** PROFI DB with top panels and 17" tyres
- 2** PROFI DB with top panels and 22.5" tyres
- 3** PROFI DB with dry forage extension and 17" tyres
- 4** PROFI DB with dry forage extension and 22.5" tyres



Beater rotor drive system

The beater rotor driveline is protected by a 1200 Nm cam-type clutch and delivers efficient unloading.

In the event of an overload, the scraper floor speed switches back one step or the sensor on the beater rotor bearings switches the scraper floor off.

Multifunctional tailgate

The tailgate can be set to different degrees of opening so that the loader wagon can unload for flexible applications:

- Normal discharge
- Fine distribution
- Cross conveyor belt mode

Cross conveyor belt

The cross conveyor belt is particularly suitable for unloading basic ration directly at the feed barrier as well as loose hay and straw which is to be transferred to the storage location using a blower. This is available on all PROFI DB models to make precise unloading easier. The cross conveyor belt is operated by a hydraulic driveline and the direction of the belt can be switched.

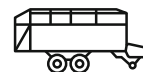
Ultimately, the cross conveyor belt together with the multifunctional tailgate, and the improved configuration, mean that the forage can be deposited with precision.

When you need to unload in the clamp, the conveyor belt simply folds out of the way.

* Height varies depending on the tyres and the position of the extension bars

Rotor loader wagon



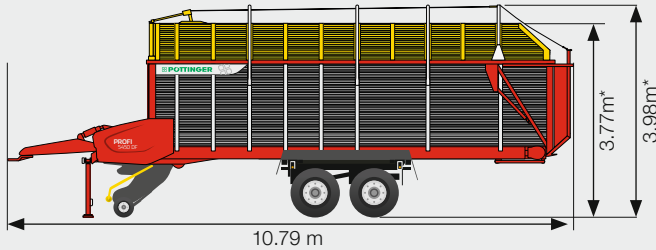


Rotor loader wagon

PROFI 5000 DF

1

PROFI 5450 DF



Rotor loader wagon for dry material Dry forage

The PROFI 5000 DF rotor loader wagon has an even larger loading chamber to be able to transport as high a volume of dry material as possible.

This version is available in two different sizes:

- PROFI 5450 DF with 45 m³
- PROFI 5520 DF with 52 m³

The PROFI DF (Dry Forage) is a loader wagon that has been especially developed for harvesting and transporting dry crops such as hay, straw and alfalfa. The design offers maximum loading chamber volume with a payload capacity to match these requirements.

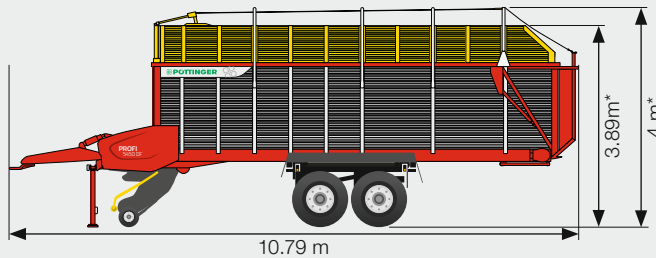
Collecting heavily wilted plants and crops with a low specific density places special demands on harvesting technology, which is what makes the capabilities of the PROFI DF stand out.

The high-volume dry forage loader wagon is available with loading chamber volumes of 45 m³ and 52 m³. This results in maximum load volume and increased cost effectiveness on long transport routes.

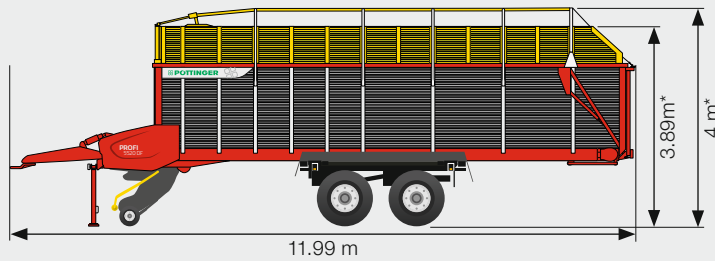
- 1 PROFI DF with top panels and 17" tyres
- 2 PROFI DF with top panels and 22.5" tyres

2

PROFI 5450 DF



PROFI 5520 DF



Dry forage chopping system

These models have a 6-knife chopping system as standard, which is designed for harvesting dry forage. A set of 11 knives with a theoretical chopped length of 135 mm can be installed as an option.

Optional roof profiles

Roof profiles are only available on the DF models. They are fitted as standard on the PROFI 5520 DF and are available as an option on the PROFI 5450 DF. These roof profiles are installed above the loading chamber and are connected to the frame. The panels ensure that crops with a low specific density can be compacted to save space.

Now the efficient collection of high-volume dry crops is no problem.

* Height varies depending on the tyres and the position of the extension bars

Digital agricultural machinery

Operation



Easy operation with the Profiline comfort control system

The PROFI is equipped with the ISOBUS-compatible Profiline comfort control system as standard. This requires a power beyond system or, as an option, load sensing. Each function can then be carried out immediately by pressing a button or the touch screen. The Profiline comfort control system gives you maximum operating convenience with direct control.

Possible control systems:

- Tractor terminal via ISOBUS cable
- POWER CONTROL
- EXPERT 75



POWER CONTROL

Optional on PROFI 5000 models.

The 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 PROFI 5000 models.

The compact 5.6" EXPERT 75 ISOBUS terminal can be operated by directly using the colour touchscreen, the 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.

Thanks to customisable button assignment, the EXPERT 75 can be used universally with other machines.

Digital agricultural machinery

Data management using agrirouter



Manufacturer-independent, wireless data exchange

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



The advantages of the agrirouter

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

Data security and transparency

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

We are ready for agrirouter

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

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

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



This QR code takes you directly to the applications.

Digital agricultural machinery

Software



HARVEST ASSIST – optimising forage harvesting

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



Clear and intuitive

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

For intuitive operation

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



This QR code takes you directly to the application.

Compatible products

LIQUIDO F



One product for multiple applications

The LIQUIDO F from PÖTTINGER is designed as a front silage additive tank.

However, it is more than a simple silage additive tank; it's a real all-rounder. It can be used as an additive tank for the production of high-quality silage. As a front bumper up to 2.85 m wide with integrated lighting, it also enhances safety on the road, and as front ballast, the tank can be used universally for a versatile range of agricultural applications.

The multiple functions offered by the LIQUIDO F allow it to be used flexibly at any time in any working conditions, making it a cost effective all-rounder.

Fully integrated deployment capability

The front-mounted design and straightforward attachment and removal of the LIQUIDO F make it easy to use on multiple harvesting machines one after the other, because the changeover takes next to no time.

Filling up, adding and mixing, cleaning

The LIQUIDO F silage additive tank is a combination of three different tanks:

- Main tank
- Fresh water tank
- Hand washing tank

This configuration of equipment is unique on the silage additive market.

The tank combination makes it possible to fill the main 200 litre tank, mix in the silage additives, and then wash your hands. At the end of the harvesting process you can flush out the hoses.

This guarantees a clean workplace and a machine that is ready for use at any time.

A 400-litre main tank is available as an option for both the LIQUIDO F 2000 and the LIQUIDO F 3000.



Nozzles including nozzle header

The nozzle header is installed between the pick-up and rotor on the harvest machine. Depending on the series, the header is fitted with 2 nozzles (LIQUIDO F 2000) or 4 nozzles (LIQUIDO F 3000). The nozzles are configured to ensure the inoculant solution is applied precisely and uniformly to the flow of forage.

The additional nozzles on the LIQUIDO F 3000 open automatically if the throughput increases to ensure full coverage.



Set-up options

Choose between one of three set-up options before getting started:

- 1 Manual set-up (switch application on and off at the touch of a button, flowrate is fixed)
- 2 Pick-up position set-up (application switches on and off automatically depending on the pick-up position, controlled by ISOBUS or external signal)
- 3 Speed dependent set-up on the LIQUIDO F 3000 (flowrate is controlled dynamically by ISOBUS or signal socket for precision application)

The pump on the LIQUIDO F 3000 does not switch off when the nozzles are deactivated (unlike on the LIQUIDO F 2000). The liquid is returned to the main tank.

Digital flowrate measurement

Digital flowrate measurement is carried out by the flowmeter. This measures the flowrate currently being applied. On the LIQUIDO F 3000, the flowrate can also be regulated.

Thanks to the flowmeter, it is possible to react easily and efficiently to varying operating conditions.

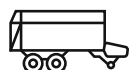
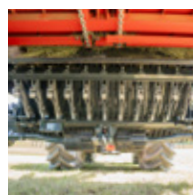
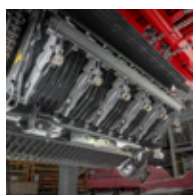
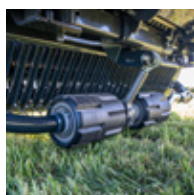
Practical features

The LIQUIDO F includes many practical features, from a fill level indicator and jaw hitch to a toolbox and optional parking rollers.

Depending on the set-up, data such as application rate per job, customer or field can be displayed at any time to enhance smooth operation.

In addition to the screen, the LIQUIDO F 3000 also has a rinsing head with integrated rinsing function. The rinse water is pumped from the main tank or the fresh water tank.

Equipment options



Feed auger

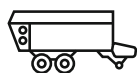
Jockey wheel chassis

6 knife chopping system

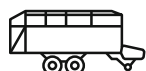
11 knife chopping system

COMFORTCUT

PROFI 5270	☐	☐	☐	☐	☐
PROFI 5300	☐	☐	☐	☐	☐
PROFI 5330	☐	☐	☐	☐	☐



PROFI 5260 DB	☐	☐	☐	☐	☐
PROFI 5290 DB	☐	☐	☐	☐	☐
PROFI 5320 DB	☐	☐	☐	☐	☐



PROFI 5450 DF	☐	☐	■	☐	–
PROFI 5520 DF	☐	☐	■	☐	–

More equipment options

- + Hydraulic pick-up weight alleviation
- + Two-speed motor for scraper floor
- + Low drawbar
- + Chassis with 22.5" tyres
- + Tyres for 6.5 t axle load:
 - 520/50-R17
 - 620/40-R22.5
 - 710/35-R22.5
- + Tyres for 8 t axle load:
 - 620/40-R22.5
 - 710/35-R22.5
- + Crop deflector board
- + Lighting package
- + Load sensing
- + POWER CONTROL control terminal
- + EXPERT 75 control terminal

DB = Discharge Beaters, DF = Dry Forage



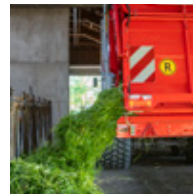
**Nozzle header –
LIQUIDO F**



**Folding
dry forage
extension**



3rd beater rotor



**Cross conveyor
belt**



Roof profiles

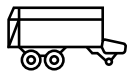


**Intelligent self
steering axle**

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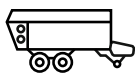
Configure your own machine.

Technical data



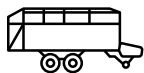
PROFI

	DIN volume	Pick-up width	Knives knife spacing	Overall length overall width
PROFI 5270	27 m ³	2.1 m	31 pcs 45 mm	8.42 m 2.5 m
PROFI 5300	30 m ³	2.1 m	31 pcs 45 mm	9.1 m 2.5 m
PROFI 5330	33 m ³	2.1 m	31 pcs 45 mm	9.1 m 2.5 m



PROFI DB

	DIN volume	Pick-up width	Knives knife spacing	Overall length overall width
PROFI 5260 DB	26 m ³	2.1 m	31 pcs 45 mm	8.86 m 2.53 m
PROFI 5290 DB	29 m ³	2.1 m	31 pcs 45 mm	9.54 m 2.53 m
PROFI 5320 DB	32 m ³	2.1 m	31 pcs 45 mm	9.54 m 2.53 m



PROFI DF

	DIN volume	Pick-up width	Knives knife spacing	Overall length overall width
PROFI 5450 DF	45 m ³	2.1 m	6 pcs 270 mm	10.70 m 2.5 m
PROFI 5520 DF	52 m ³	2.1 m	6 pcs 270 mm	11.99 m 2.5 m

DB = Discharge Beaters, DF = Dry Forage

PROFI 5000

Overall height when folded 17" 22.5"	Overall height 17" tyres*	Overall height 22.5" tyres*	Weight with standard equipment	Permissible total weight	Maximum total weight
2.94 m 3.06 m	3.26 m – 3.56 m	3.38 m – 3.68 m	5650 kg	15 t	18.5 t
2.94 m 3.06 m	3.26 m – 3.56 m	3.38 m – 3.68 m	6000 kg	15 t	18.5 t
–	3.54 m – 3.75 m	3.66 m – 3.87 m	6050 kg	15 t	18.5 t
2.94 m 3.06 m	3.26 m – 3.56 m	3.38 m – 3.68 m	6250 kg	15 t	18.5 t
2.94 m 3.06 m	3.26 m – 3.56 m	3.38 m – 3.68 m	6400 kg	15 t	18.5 t
–	3.54 m – 3.75 m	3.66 m – 3.87 m	6550 kg	15 t	18.5 t
–	3.77 m – 3.98 m	3.89 m – 4 m	6750 kg	15 t	18.5 t
–	–	3.89 m – 4 m	7900 kg	18 t	18.5 t

* Height varies depending on the tyres and the position of the extension bars



MyPÖTTINGER

This QR code takes you directly to the website.



Benefit from numerous advantages

MyPÖTTINGER is our customer portal that provides you with key information about your PÖTTINGER machines.



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 from year of build 1997 onwards.

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 the instruction manual, equipment options, brochures, photos and videos.

If you want it to last,
you want the
original.



This QR code takes you directly
to the website.

 **PÖTTINGER**
Original Parts

ORIGINAL PARTS



Regardless of whether you've got a new machine or a classic, our spare parts logistics centre stocks over 55,000 parts to give our machines an extended service life. Thanks to the many local warehouses in 13 countries and a large network of dealerships, original parts are available in over 60 countries.



Finding the right parts is easy

Our digital services are available free of charge and have largely replaced paper-based spare parts lists:

- www.mypoettinger.com provides free access to machine documentation on your smartphone and tablet.
- [agoparts](#) offers an intuitive search function to pinpoint the correct parts. This eliminates the risk of placing the wrong order.



No worries with the original

Too short, wrong hole pattern, wears out quickly? You don't get these problems with an original part. And there are many more advantages:

- Immediate and long-term spare parts availability
- Maximum service life
- Perfect fit
- Attractive and competitive prices



More success with PÖTTINGER

- Your reliable partner, as a family-owned company since 1871
- Specialist for arable and grassland
- Future-safe innovation for outstanding working results
- Roots in Austria – at home throughout the world

Harvest like a pro

- 2.1 m-wide floating pick-up for loss-free collection even in difficult harvesting conditions
- The best introduction to the rotor loader wagon class thanks to the powerful double-tine rotor
- Short-chop chopping system with 31 knives and swing-out knife bar for small batches of forage with an even chopped length
- Front panel with forage compression flap and automatic loading system to fill the loading chamber right up
- Task-specific equipment options make the PROFI an all-rounder in grassland harvesting

Ask for more information:

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