

EUROPROFI COMBILINE

PÖTTINGER multipurpose loader wagons with rotors





High performance with excellent cost effectiveness

To meeting the various demands placed on the loader wagon as well as individual customer requirements, PÖTTINGER now offers the EUROPROFI 4510, 5010 and 5510 as combined loader/top-fill wagons.

EUROPROFI COMBILINE – loader wagon technology 2 in 1 silage/harvesting combination

Maximum versatility and increased machine utilization are guaranteed as a result. In combination with its high performance, the EUROPROFI COMBILINE offers excellent cost effectiveness, again underlining the significance of the loader wagon as the harvesting process for the future.

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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.

Impressive construction



Rugged drawbar

Depending on the type of tractor and the tyres fitted, a turning angle of up to 60° is possible thanks to the narrow design of the drawbar.

High or low drawbar for a drawbar load of 2.0 t or 3.0 t

A parallel lift drawbar with two double acting cylinders is fitted as standard. A drawbar shock absorber is available as an option.

Ingenious equipment

- Low drawbar, 3.0 t drawbar load for EUROPROFI 5010 and 5510 as an option.
- All hoses and cables are routed tidily through the hose holder.
- A folding parking stand makes it easy to attach and detach.
- Optional automatic high and low drawbar transport and loading positions (with POWER CONTROL).
- A ball hitch coupling is available as an option.
- Load-Sensing system is also available.



Strong frame

The frame components are constructed using high quality QSTE fine-grained steel. Frame and side pillars are fastened using fine threaded bolts - no welds. Closely-spaced pillars and high-strength side profiles ensure the highest strength.

- Clear inside width of 2.10 m.
- Tailgate opening angle adjusted as required from the tractor seat.
- Access ladder and side door standard on D models, optional on L models.
- Floodlights for loading chamber and work area available as an option.



Power transfer up to 2000 Nm 25% higher capacity

The driveline is designed for high outputs. EUROPROFI loader wagons are designed for tractors up to 220 hp.

They are driven by a wide-angle PTO shaft and a cam-type clutch to protect the driveline. The large-dimensioned rotor gearbox is filled with grease.

- The bearing is located on the rotor frame between the rotor and gearbox to protect the bearings and gearbox.
- The driveline is protected at 2000 Nm, corresponding to a peak tractor power of 162 kW / 220 hp.
- This represents an increase in performance of 25% over the previous model.
- Loading torque sensor optional.



Scraper floor drive system

Driven by a powerful hydraulic motor, the speed of which can easily be controlled. The scraper floor is also available with a two-stage motor (standard on 5510).

Beater rotor driveline

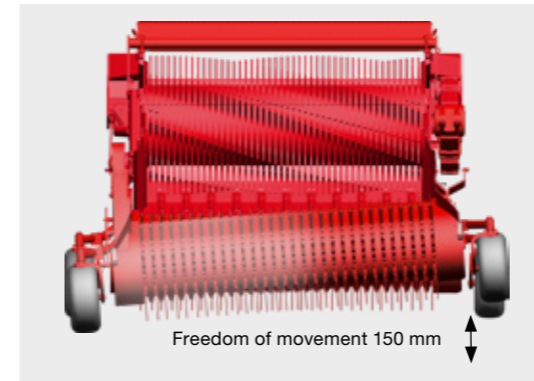
The driveline to the beater rotors is concealed within the frame. The strong drive shaft is protected by a cam-type clutch at 1200 Nm.





High performance pick-up

with 6 rows of tines



Floating pick-up for maximum intake

The PÖTTINGER pick-up guarantees maximum feed rate. The transfer zone from the pick-up tines to the rotor has been optimised and adapted to high throughput. The Pöttinger floating pick-up with six rows of tines delivers impressive performance – even at high forward speeds and in difficult harvest conditions - reliable and high intake performance.



Best ground tracking

Two jointed support arms ensure the pick-up has complete freedom of movement. A spring alleviates the pickup weight so less pressure is exerted on the ground. Height-adjustable 16 x 6.5-8 trailed jockey wheels contact the ground on precisely the same line as the tines to ensure perfect ground tracking and cornering.

- Unique travel of 150 mm for perfect ground tracking and exact contouring.
- Pick-up switches off automatically on EUROPROFI D models while unloading with beaters.

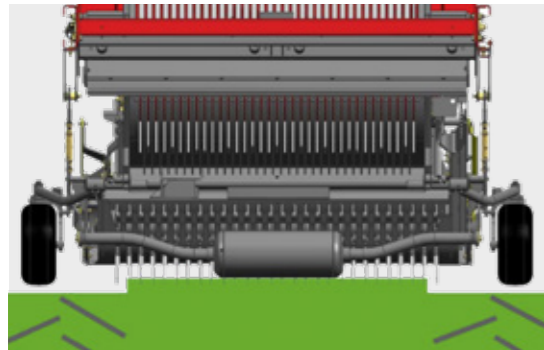


Perfect forage flow

An optimised wind guard with swath roller ensures perfect forage flow with every type of crop, even at high loading speed.

Pick-up

The difference is in the details



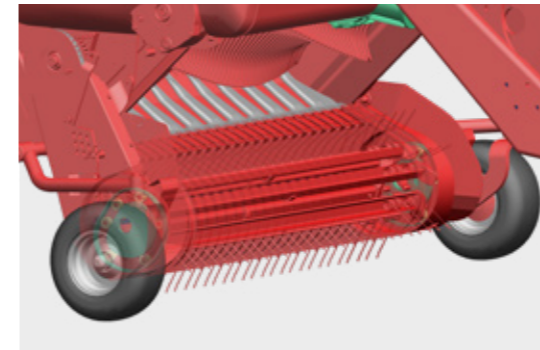
Additional tracking roller behind pick-up

This newly-developed additional tracking roller is located behind the middle of the pick-up on PÖTTINGER loader wagons. Being located in the centre prevents it from sinking into tractor wheel marks and as a result guarantees perfect ground tracking.

The parallel linkage makes all the difference

The parallelogram guide linkage ensures significantly improved contour tracking for clean forage, even in difficult conditions. 100% freedom of movement of the pick-up is ensured. The front jockey wheels are adjusted independently.

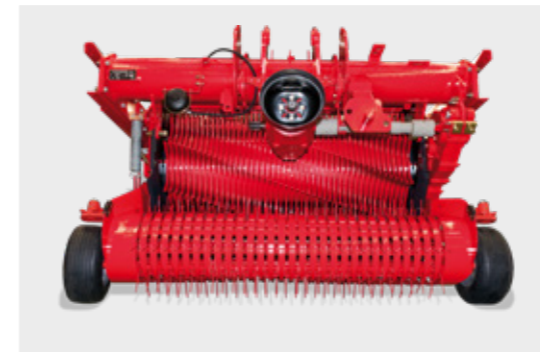
- The additional tracking roller is raised with the pick-up.
- Full ground clearance is still ensured.



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 on the cam rollers are designed to withstand high stresses.

The pick-up tines are controlled in a sweeping arc. This guarantees optimum protection of the sward, lower levels of soil ingress and prevents unnecessary wear to the tines.



Convincing arguments

Clean forage

thanks to reduced speed and controlled tine movement. The tines are slightly trailing to sweep in a controlled arc and adapt ideally to contours.

Perfect transfer

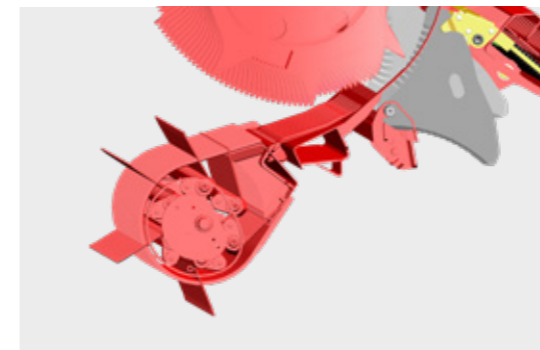
to the rotor in all conditions, fully active tine length up to withdrawal point.

Better chopping quality

because forage is not dragged through; less longitudinal alignment of stalks.

Easy servicing

The two main bearings have a lubrication interval of 80 loads and are easily accessible from the outside.





EUROMATIC PLUS

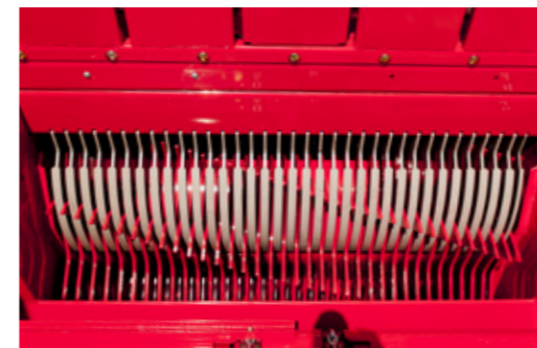
Loading rotor



Runs smoothly and saves fuel

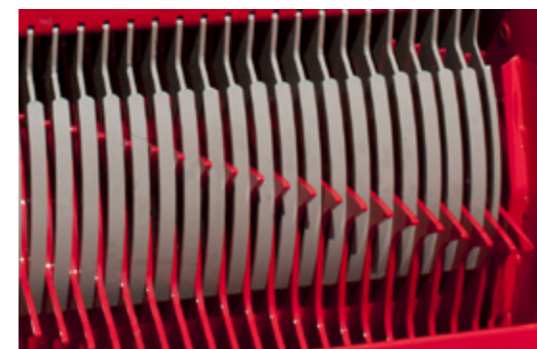
EUROMATIC PLUS is the heart of EUROPROFI loader wagon series. Rugged and powerful, this rotor delivers high throughput during chopping and compression. EUROMATIC PLUS represents smooth, power-saving penetration of the crop and perfect transfer from the pick-up.

- The loading rotor has eight rows of tines arranged in a spiral and a diameter of 800 mm.
- The loading rotor is mounted on self-aligning ball bearings at both ends.
- The bearing is located on the rotor frame between the rotor and gearbox to protect the bearings and gearbox.



Optimised tine geometry

The conveyor tines made from hardened Durostat 500 fine-grained steel ensure maximum performance even with wet and short forage. The optimised tine shape and large scraper surface ensure the best possible compression in the loading chamber. The tine rings are hooked into the central drum and welded around the circumference for exact positioning.



The scrapers have an 25 mm wide rear face and are individually mounted and bolted. They ensure highest possible compression, depending on how the automatic loading system is set.

Unique POWERCUT chopping system



EASY MOVE swing-out knife bank

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

Press a button on the side of the wagon to move the knife bank support arms downwards and release the chopping system. Now you can simply pull the knife bank out alongside the wagon - a unique system.



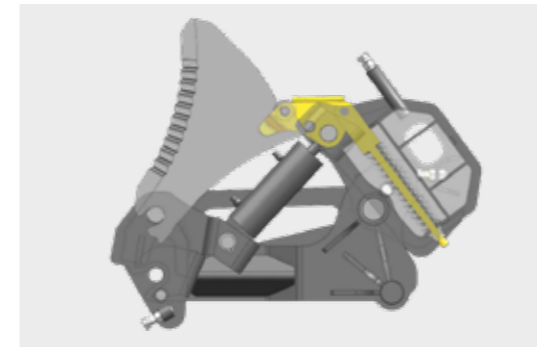
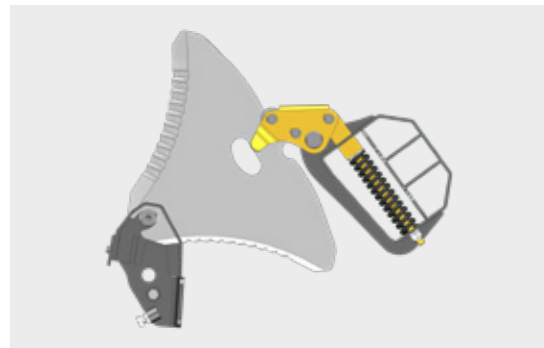
Press the central knife release button to disengage the knives so they can easily be removed without the need for tools.

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. The chopping system can be tilted out directly from the tractor seat to clear any blockages.

35 knives - 39 mm knife spacing

TWIN BLADE reversible knives optional

The newly-developed and patented geometry of the reversible TWIN BLADE knife doubles the service life. A continuous perfect chop is ensured while replacement knives are always on-board. The forage is chopped right through exactly and uniformly, ensures ideally structured ruminant stimulating forage. An optimum gap between the knives and tines ensures smooth operation and protects the knives from foreign objects.



Long-lasting quality knives

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.

Ensuring knife protection

PÖTTINGER protects the heart of the loader wagon with a patented individual knife protection system. Foreign bodies are a danger to the rotor and chopping system plus downtime can be expensive.

The triggering force is adapted to the high throughput capacity. The knives are held securely in the correct position to make sure that a consistent chop length is produced.

Patented trigger mechanism

- Larger foreign objects only move the knife briefly in the direction of crop flow.
- The trigger roll is lifted out of its holder at the back of the knife.
- The resistance of the knife is suddenly reduced so that the knife can allow the foreign object to pass through virtually unobstructed. The sharpness of the knife is retained.
- The knife is automatically brought back into the working position.

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



COMBILINE multi-functional



One front flap - two functions

The forage compression flap can be equipped with an optional hydraulic cylinder which can be controlled from the tractor seat. This enables a rapid change between pick-up loading and top-fill loading.

1. Loader wagon mode

In loader wagon mode, the forage compression flap is folded upwards to allow the flow of the crop into the wagon, which is then regulated by the automatic loading system. Compression is adjustable so it can be set to ideally match the power of the tractor.

2. Harvest transport mode

To make full use of the loading chamber, the forage compression flap is lowered inwards.



Folding rotor duct cover

The optional duct cover prevents crop from falling into the rotor duct while the wagon is being used for transport. On PÖTTINGER wagons the duct cover simply folds away without any modifications required.

Slanting mudguards

All EUROPFOFI COMBILINE wagons are fitted with slanting mudguards and closed frame beams. Nothing is left lying on the mudguards. No crop falls onto the road during transport.



Engineered bodywork

The steel profile panels are fully enclosed, right to the top. The profiled plates have a special coating to guarantee a long service life. No extension bars needed because the side walls extend above the level of the forage compression flap. The large surface area of the forage compression flap ensures best compression of the crop and maximum use of the loading chamber.

Bodywork options

- Roof ropes with rear tarpaulin for crop material with a low density.
- H3 floodlight inside loading chamber.
- LED floodlights on front panel and mudguards.
- LED floodlight package (loading chamber, tailgate, pick-up, knife bank) only with POWER CONTROL or ISOBUS.
- Video system with monitor and one or two cameras.
- Flashing beacon for loader wagon.



Automatic loading system as standard

The automatic loading system guarantees that the wagon is filled right up to achieve maximum transport capacity. The forage is already carefully compressed in the transfer throat to make full use of the loading chamber.

Sensors mounted in front panel and upper panel section

A sensor at the lower end of the front panel measures the loading pressure for damp, heavy grass and switches the scraper floor on and off accordingly.

This prevents the forage from being mashed due to excessive load on the loading rotor.

The second sensor in the forage compression flap measures the compression inside the loading chamber. The forage is compressed uniformly and the loading chamber filled to the ideal maximum capacity.



Unloading at the press of a button



Automatic unloading

A press of a button on the control terminal is all that is needed and the full cross section of the tailgate opens to unload EUROPFI L models in a few minutes. The automatic unloading system makes life easier for the driver and protects the machine.

Lowered scraper floor

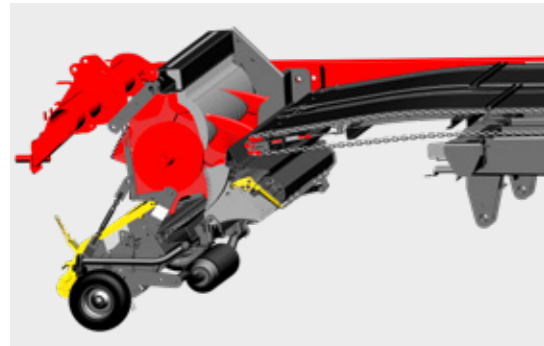
The scraper floor has been lowered at the front by 150 mm to accommodate tyres up to 710/45 R 22.5. The forage is pushed upwards as it moves to the rear. This ensures smooth, hassle-free unloading with a low power requirement. Powerful drive chains ensure rapid unloading. A two-stage motor is available as an option for unloading speeds of up to 18 metres/min.

Longevity of scraper floor

The PÖTTINGER scraper floor guarantees long term reliability. The load chamber floor is constructed of pressure treated, durable wood. The tongue and groove boards are bolted to the frame. The hardened bars are offset and easily accessible and the greasing points for the scraper floor shafts are located at the side of the wagon.

Load sensing

All PÖTTINGER loader wagons are load-sensing compatible. The required oil flow rate is precisely measured and adjusted to demand. This prevents the oil from heating up and saves power by up to 20 hp (15 kW).



Metering on demand

EUROPFI D COMBILINE models

A uniformly distributed blanket of forage is essential for perfect compaction. Two beater rotors guarantee perfect distribution. The aggressive tines deliver an impressive performance even with highly compressed forage. Bars on the rotors ensure maize material can be unloaded effectively. A pressure sensor in the beater rotor bearings controls the scraper floor automatically.

Multifunction tailgate

The tailgate opening angle can be set to different positions from the tractor seat to minimise the effects of crosswinds.

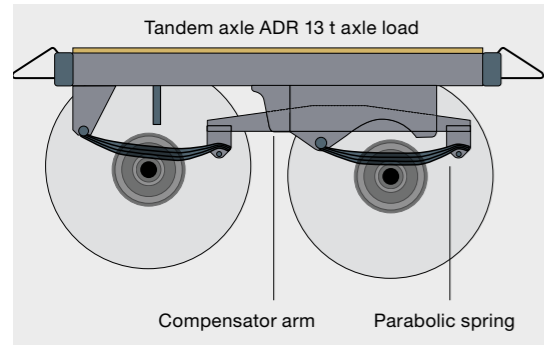
- Beater driveline protected to 1200 Nm.
- Automatic chain tensioner.
- Easily access central greasing point.
- Third beater rotor available as an option.
- Fine metering optional (only with roof ropes and rear tarpaulin)

Cross conveyor belt

The optional cross conveyor belt is 890 mm wide and is powered hydraulically.

- Runs to left and right.
- Tailgate locking system.
- Remote control using optional POWER CONTROL Wireless.

Chassis tyres



Increasing load volumes and high transport speeds necessitate a robust chassis that protects the ground.

PÖTTINGER has invested a great deal in this issue. High quality tandem axles with tyres that provide a large surface area of ground contact are the answer.

Parabolic leaf spring chassis

The compensator arm ensures dynamic equalisation during braking so the same load acts on each wheel. At the same time you are guaranteed perfect suspension characteristics in the clamp and smooth running in the field and on the road.

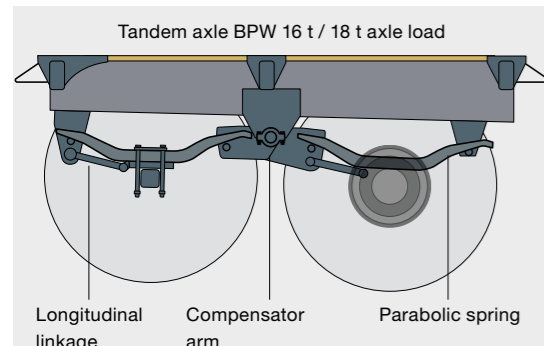
- Wide spring spacing of 1100 mm at front.
- Strong longitudinal linkages apply the braking and steering force on BPW axles.

Chassis options

- BPW axles up to 18 t with 410 x120 mm brake pads for powerful braking at high transport speeds.
- The trailed steered axle conserves the sward even with heavy loads.
- Choice of tyres available.

Tandem axles with hydro-pneumatic suspension and steered axle, optional, ADR 16 t / BPW 18 t axle load, 22.5".

The large axle compensation of up to 220 mm is designed to handle challenging field entrances and poor track conditions.



EUROPROFI COMBILINE	4510 L / 4510 D	5010 L / 5010 D	5510 L / 5510 D
High drawbar, drawbar load 2 t	■	■	■
Low drawbar, drawbar load 2 t	□	□	□
Low drawbar, drawbar load 3 t	-	□	□
Automatic transport and loading position for parallel lift drawbar	□	□	□
Rotating eye or ball hitch	□	□	□
Drawbar shock absorber	□	□	□
Tandem axle with parabolic leaf springs ADR 13 t axle load, 22.5"	■	-	-
Tandem axle with parabolic leaf springs ADR 16 t axle load, 22.5"	□	■	■
Tandem axle with parabolic leaf springs BPW 18 t axle load, 22.5"	-	□	□
Tandem axle with hydro-pneumatic suspension, ADR 16 t axle load, 22.5"	□	□	-
Tandem axle with hydro-pneumatic suspension, BPW 18 t axle load, 22.5"	-	□	□
Trailed steered axle	□	□	□
Controlled steering	□	□	□
Permissible total weight 15 t	■	-	-
Permissible total weight 18 t	□	■	■
Permissible total weight 19 t	-	□	-
Permissible total weight 20 t	-	□	□
Permissible total weight 21 t	-	□	□
Tyres 560/45 R 22.5 8 L	■	-	-
Tyres 620/40 R 22.5 8 L	□	■	■
Tyres 710/35 R 22.5 8 L	□	□	□
Tyres 710/45 R 22.5 8 L	-	□	□
Tyres 800/40 R 22.5 8 L	-	□	□

■ = Standard, □ = Optional



Control terminals

Convenient operation without ISOBUS

The CONTROL terminals made by PÖTTINGER make your day in the field easier. Intuitive machine operation is ensured by the clearly labelled keys and the ergonomic design. This enables stress-free work, even on long working days. The backlit keys and adjustable brightness display ensure safe operation even at night.



- DIRECT CONTROL (1)**
- POWER CONTROL (2)**

ISOBUS terminals

The ISOBUS terminals EXPERT 75 and CCI 1200 enable professional operation of all ISOBUS-compatible machines made by PÖTTINGER as well as other manufacturers.



- EXPERT 75 (3)**
- CCI 1200 (4)**



Technical data / Equipment



EUROPROFI COMBILINE	4510 L	4510 D	5010 L	5010 D
Capacity	45 m ³	45 m ³	50 m ³	50 m ³
DIN volume	26 m ³	25 m ³	29 m ³	28 m ³
Volume with roof ropes	27.5 m ³	26.5 m ³	30.5 m ³	29.5 m ³
Pick-up width	1850 mm	1850 mm	1850 mm	1850 mm
Number of knives	35	35	35	35
Knife spacing	39 mm	39 mm	39 mm	39 mm
Loading area length	5680 mm	5420 mm	6360 mm	6100 mm
Loading area width	2100 mm	2100 mm	2100 mm	2100 mm
Length	8440 mm	8920 mm	9120 mm	9600 mm
Width	2510 mm	2510 mm	2670 mm	2670 mm
Height	3550 mm	3550 mm	3550 mm	3550 mm
Height with roof ropes	3875 mm	3875 mm	3875 mm	3875 mm
Standard weight	6650 kg	7150 kg	7150 kg	7650 kg

5510 L	5510 D
55 m ³	55 m ³
32 m ³	31 m ³
33.5 m ³	32.5 m ³
1850 mm	1850 mm
35	35
39 mm	39 mm
7040 mm	6790 mm
2100 mm	2100 mm
9800 mm	10280 mm
2670 mm	2670 mm
3550 mm	3550 mm
3875 mm	3875 mm
7350 kg	7850 kg



**EXPERT 75
CCI 1200
ISOBUS**



**Additional tracking roller
for pick-up**



**Hydraulic automatic
loading flap**



Access door with ladder

EUROPROFI COMBILINE L	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EUROPROFI COMBILINE D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

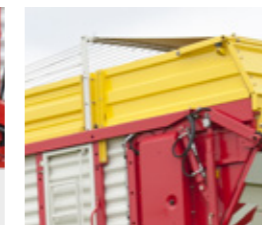
■ = Standard, □ = Option



Folding rotor duct cover



Cross conveyor belt



**Roof ropes with rear
tarpaulin**

<input type="checkbox"/>	-	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

More equipment options:

- Drawbar shock absorber
- Automatic high and low drawbar positions for transport and loading (with POWER CONTROL).
- Loading torque sensing
- Pick-up with hydraulic weight alleviation
- TWIN BLADE reversible knives
- Two-speed scraper floor drive
- Rear switch for scraper floor
- Third beater rotor
- H3 floodlight inside loading chamber
- LED floodlights on front panel and mudguards
- LED package (loading chamber, tailgate, pick-up, knife bank with POWER CONTROL).
- Video system with monitor and one or two cameras
- Flashing beacon
- Demarcation lights
- Hydraulic brakes



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Simply scan the QR code on the **data plate** with your smartphone or tablet or enter your machine number at www.mypoettinger.com. You will immediately receive all the information on your machine.

- Operating instructions
- Optional equipment information
- Brochures
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