

clever farming

Pöttinger BOSS junior / BOSS L T

Self-loading wagons with
feeding tines



97 + 103.02.0907





Getting your forage in quickly and extremely

It's harvest time, and even on smaller farms it's important to ensure the best-quality forage. High forage quality saves having to use expensive concentrates and delivers a higher yield.

It's good to know that you're making further savings as the self-loading wagon is indisputably the lowest-cost forage-harvesting system available.

The pick-up systems are particularly kind to the forage, and the well-engineered chopping units simplify operations.

Smooth running, operating efficiency and versatility are also features of the smaller Pöttinger self-loading wagons.

What other manufacturer can offer you this wide range of features?



cost-effectively ...

Pages 4 – 5

Working for your success

Pages 6 – 7

Design – operation

Pages 8 - 9

Pickup

Pages 10 - 11

Loading system

Page 12

Chopping unit

Page 13

Knife-protection system

Page 14

Unloading

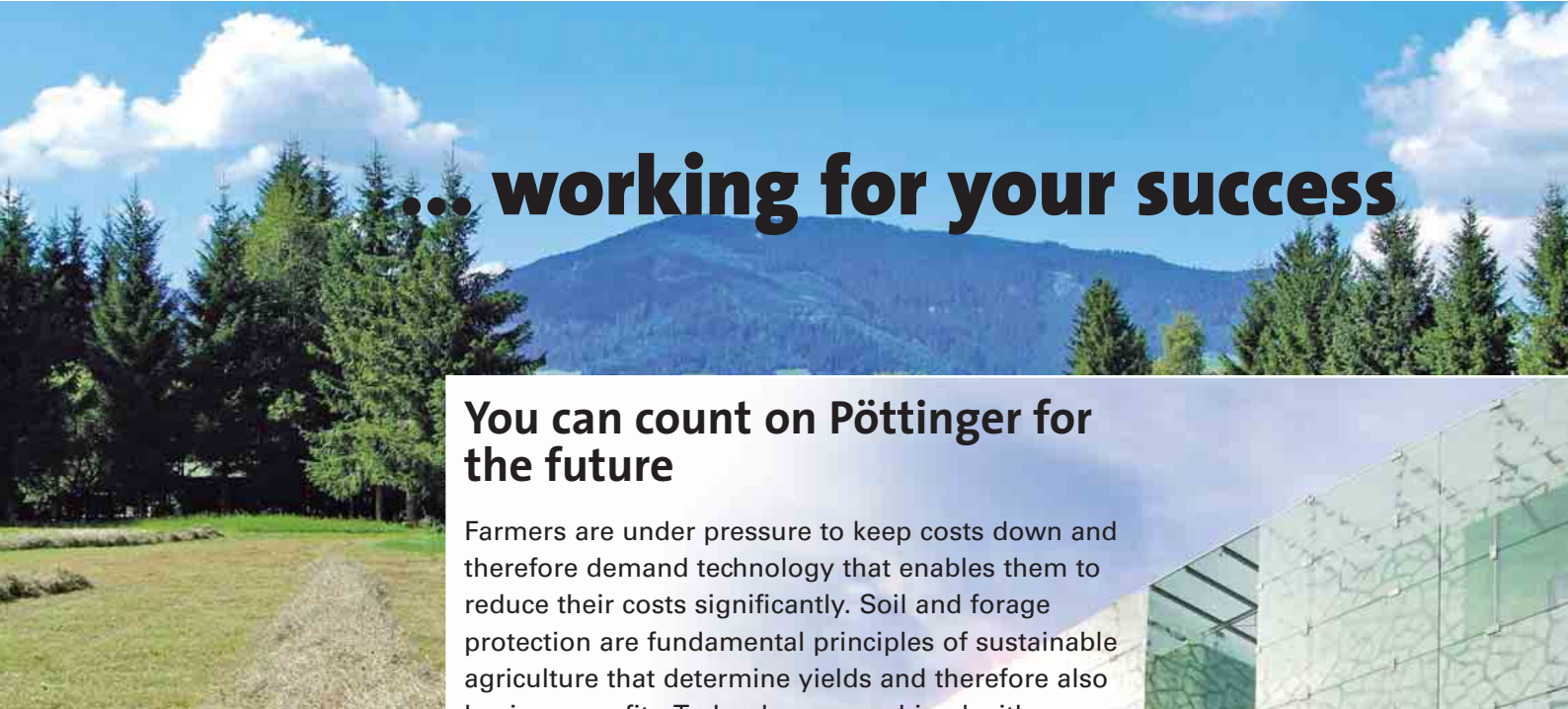
Page 15

Technical specifications – Models – Tyres

Page 16

Contact details

... working for your success



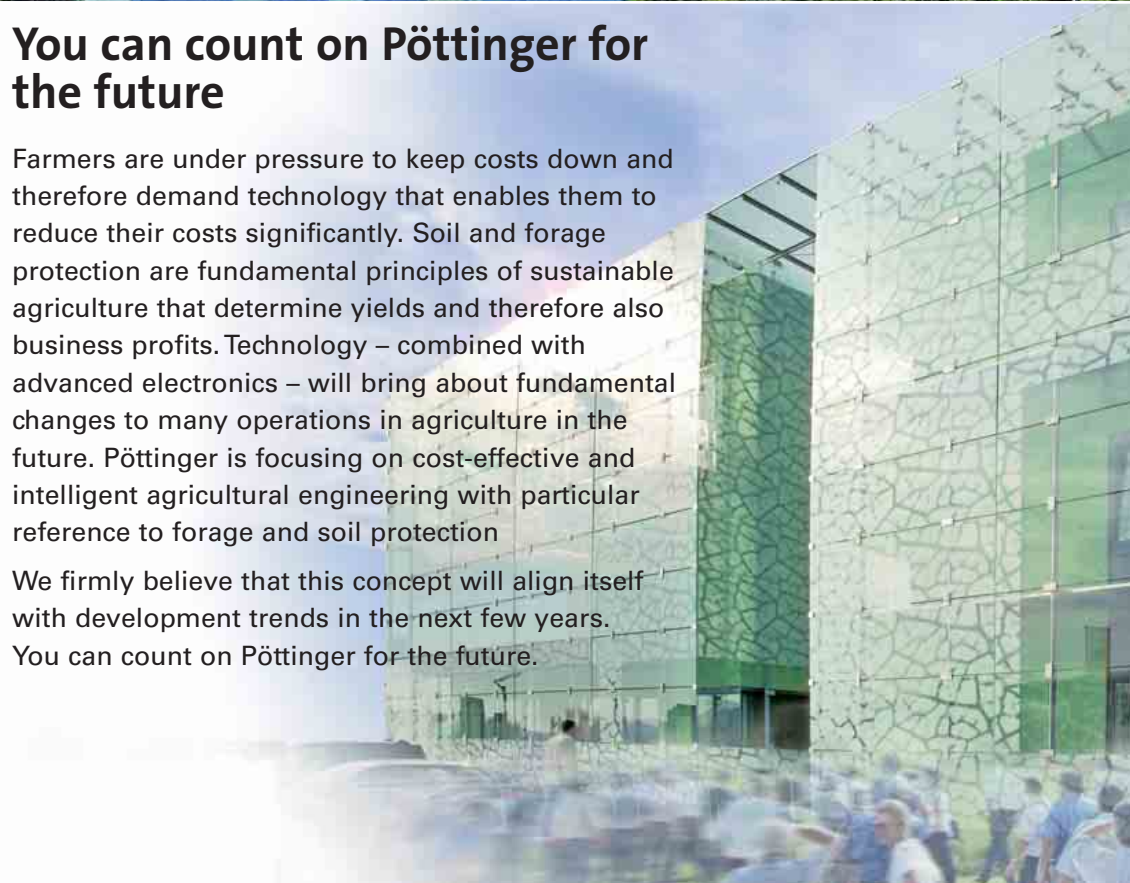
You can count on Pöttinger for the future

Farmers are under pressure to keep costs down and therefore demand technology that enables them to reduce their costs significantly. Soil and forage protection are fundamental principles of sustainable agriculture that determine yields and therefore also business profits. Technology – combined with advanced electronics – will bring about fundamental changes to many operations in agriculture in the future. Pöttinger is focusing on cost-effective and intelligent agricultural engineering with particular reference to forage and soil protection

We firmly believe that this concept will align itself with development trends in the next few years. You can count on Pöttinger for the future.

Pöttinger is more than engineering. Behind each machine stands a highly qualified team, an effective customer-service organisation and a global service network.

In short – clever farming.



Machine durability

Bigger machines pulled by ever faster tractors place huge demands on the strength of the machine. New testing facilities enable weaknesses to be identified and corrected. In the case of the 4-piston test rig for machines of up to 25 tonnes the machines to be tested are placed on cylinders and made to vibrate vertically. This rig makes it possible to test complete machines. A range of tests can be carried out, from investigations into the strength and robustness of the headstock construction, to checking the attachment of individual components, through to operational comfort tests.

This means that only technically mature products reach the market, and “teething troubles” are dealt with at the development stage.



Up close and personal

Downtime is costly and exasperating. Our sales partners can supply spares quickly. Perfect documentation of all "Original inside" parts reduces waiting times.

Trained sales partners respond immediately to our customers' needs. You're never far from a Pöttinger sales partner.



Original inside

Always well informed ...

www.pottinger.at

Only "Original inside" parts guarantee quality and top performance at harvest time.

How you benefit:

- Low wear
- Long service life
- Extremely resistant to damage
- Precision fit
- Long-term availability
- Excellent performance

Information and service network:

Product information with video sequences

Download area:

for brochures, operating instructions and images, etc.





Unloading

*The hydraulic scraper floor ensures rapid, smooth and quiet unloading – without engaging the pto shaft.
The tailgate is in the form of a swing-to tailgate which can be*

*opened from the cab via a control cable.
A hydraulic control system is available on request for optimum convenience.*



Lightweight design with key benefits

BOSS junior and BOSS L are modern, lightweight self-loading wagons featuring performance, reliability and comfort.

The **BOSS junior 17** is a low-loader model with a capacity of 18 m³ / 635.6 feet³, suitable for operation on slopes.

22 m³ / 777 feet³ of capacity is offered by the

BOSS junior 22, which is available as a high or low-loader model.

Both have a modern 12-knife chopping unit.

The **BOSS L low-loaders** with capacities of 22 m³ / 777 feet³ or 28 m³ / 989 feet³ can be used anywhere.

Both can be fitted with up to 16 knives.

Body

The robust steel-section frame can withstand very harsh conditions. A robust chassis with wide tyres and a braked axle provides adequate stability when operating on slopes.



The strong metal walls are galvanised and plastic-coated. The special coating enables the forage to be unloaded smoothly and trouble-free.

The dry forage extension is spring-loaded and therefore easily operated. A hydraulic operating mechanism is available on request for the BOSS L. A number of tautly tensioned roof ropes ensure that no forage is lost.

Drawbar variants

Height-adjustable drawbar

The drawbar can be infinitely adapted to any tractor by means of spindles. A low-slung drawbar is also possible where specific national regulations require this.

A retractable **jockey wheel** adds extra clearance when driving over large swaths.

On the BOSS L the jockey wheel is mounted on the frame and can be pivoted up out of the way.



The optional **hydraulic pivoting drawbar** guarantees sufficient ground clearance on clamps. An automatic lock prevents unwanted movement at the pivot.

The BOSS L pivoting drawbar is fitted with two hydraulic cylinders.

Ground clearance of 60 cm / 23.62" under the pickup guarantees unobstructed driving on clamps and over undulating ground.

Pickup



Perfect ground-following



The pickup cam track with its solid inner core is made of high-quality steel – not a casting. An inspection cover for rapid checking of the rollers and cam track comes as standard.



The cam rollers, consisting of sealed-for-life deep-groove ball bearings, are sturdy and designed for heavy use.



Tandem jockey wheels are also available on request for the BOSS L for use on extremely uneven ground.



Transfer plates from the pickup to the loading system allow dirt and stones to drop through, resulting in less contamination of the forage and thus reducing potential damage to the knives.

nothing is left behind ...

The pickup, which has proved itself over many years of operation, gets a straight "A" rating.

The spring-loading system and accurate adaptation to uneven ground guarantee pickup of the forage with clean raking pickup tines.

Loading performance needs a clean start



The 15x6.00-6 pickup jockey wheels ① with 8 position settings follow the ground on exactly the same line as the pickup tines.

The pickup's optimum torsion properties and strong spring-loading system ② enable it to adapt to uneven ground.

Outwardly curving pickup side baffles route all the crop into the conveyor duct. The height-adjustable windguard ③ ensures clean pickup with short-chopped forage.

Hydraulic lifting is achieved via two laterally mounted lift cylinders ④.

The pickup tines are swept back,

this protects the tines as they follow the ground, which in turn prevents damage to the sward, ensuring nothing is left behind.



The pickup drive is located at the side and is delivered via a heavy-duty chain drive. A freewheel clutch protects the tines when reversing.

The conveyor unit can be turned manually, e.g. for maintenance work, at the drive gear using the lever supplied.

BOSS junior:	1.55 m / 5.1' pickup width	4 rows of tines
BOSS LT:	1.65 m / 5.4' pickup width	5 rows of tines

SUPERMATIC



Users' verdicts



"The chop length of 12 cm / 4.7" is perfectly adequate for our clamp since we use very little of the first cut for making silage but all of the third cut when the forage isn't very long anyway."

Johann Mittenwallner / Altenmarkt, Salzburg



"We use the wagon for silage-making on our own farm, and cutting with 16 knives is fine for that. It's also used in hay on a second farm to ensure better capacity utilisation."

Stefan Luftensteiner / Ampass, Tyrol

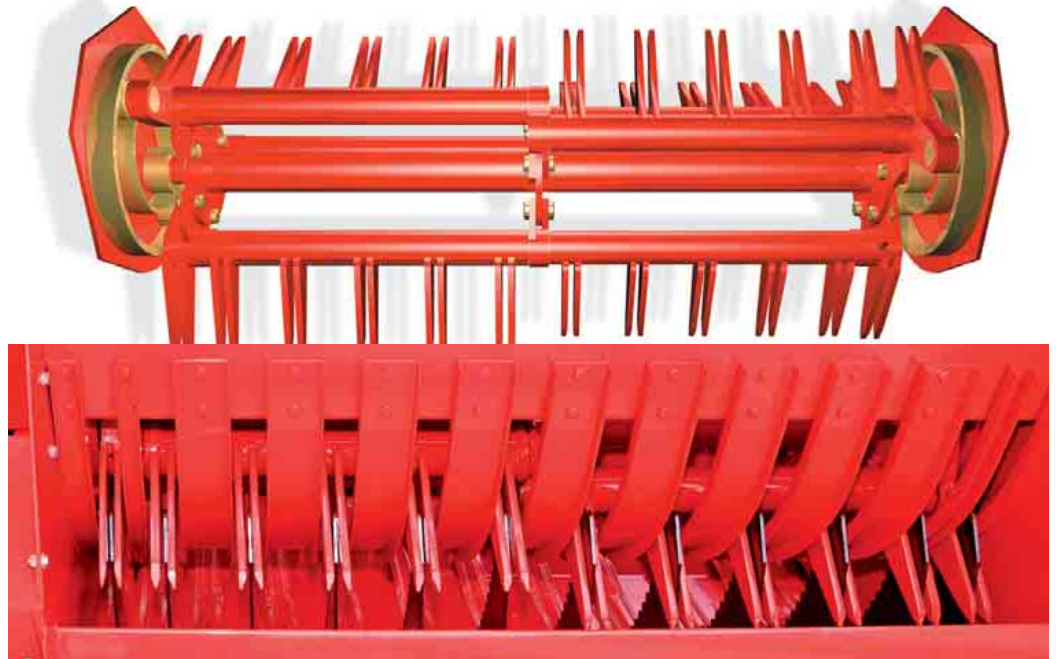
... the low-drag energy-saving system

Centrally split feeder-tine banks result in a measurable reduction in drag: separate gathering and staggered cutting mean there are no load peaks even when all the knives are in operation.

BOSS junior and BOSS L

Three split feeder-tine banks and a cam track-control system on both sides – resulting in a six-phase conveying and cutting sequence – are the key of this system.

As a result of the central splitting and off-set mounting of the feeder-tine banks, the load is distributed to the cam rollers and cam tracks on both sides.



The wide conveyor duct protects the forage and guarantees extremely high loading performance. Each knife cuts the forage exactly between the dual tines. The forage is always cut cleanly rather than torn off.

The circular cam tracks ensure smooth, jolt-free loading, which protects the forage and guarantees a long service life. The feeder tines are precisely tracked in each phase.

Each feeder-tine bank is mounted in hardened rolling bushes.

Transmission

The drive to the loading system is provided by a heavy-duty chain. The pickup and loading system are fitted with an automatic transmission and reverse-rotation unit. A wide-angle pto shaft is supplied as standard.

Chopping unit

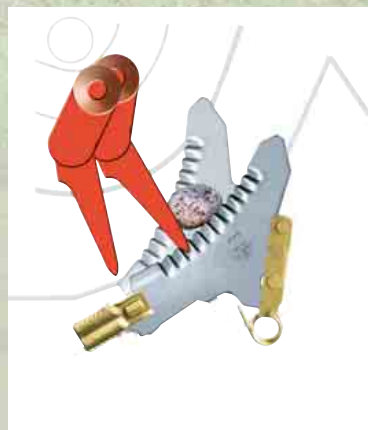


BOSS L 28 T



BOSS junior 17 T

Proven knife-protection system:



If a foreign body triggers the protection system, the knife is deflected to the rear by up to 13 cm / 5.12" with minimal resistance and then automatically springs back into position. The triggering force remains the same, regardless of where the foreign body strikes the knife.

... for performance-oriented feeding

Precisely uniform cutting is the basis of good forage quality. This guarantees better feed utilisation by the animals, less reliance on concentrates, and higher milk yields.

Forced cut

The forage is always held on both sides by the dual tines as it is offered up to the knives, thereby guaranteeing a clean cut – even with wet, heavy forage.



Chop quality:

BOSS Junior	4 knives (standard), maximum 12 knives	Knife spacing 120 mm/4.7"
BOSS LT	4 knives (standard), maximum 16 knives	Knife spacing 84 mm/3.31"

Knife maintenance made easy



High-loader model: The knives can be removed or fitted quickly and easily:

1. Undo bolt mechanism.
2. Fold back or remove quick-release knife bank.



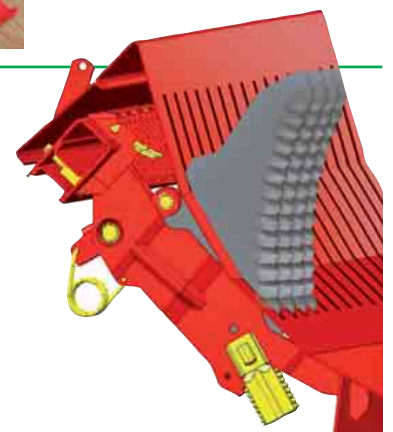
In the low-loader models this can be carried out from the loading chamber:



1. Raise cover.
2. Unlock knife.
3. Move knife to rear or remove.

The original with the serrated blade

The knives are made of hardened tool-quality steel. Extended knife design ensures a trailing cutting action. The serration on one side ensures a precise cut even if the knife edge is blunt. The forage is always cut rather than torn off.



Every driver deserves to be comfortable

Pöttinger is committed to easy operation.



BOSS L 22 T



Cab operation with preset actuation ①

The pickup and scraper floor are operated hydraulically from the cab. The enhanced-feature system enables the hinged drawbar, tailgate and dry forage extension (BOSS L) to be hydraulically operated. This requires a double-acting connection or a single-acting connection with oil return.



Electrohydraulic operation ②






Extra convenience is provided by the optional **Pre Select Control** system in the BOSS L T. Electrohydraulic preset operations for all functions – no more hydraulic hoses in the cab – just a single-acting connection is required.






Scraper floor operation via a single-acting connection with oil return or an electric scraper floor preset.

Electrohydraulic Comfort Operation ③

as an option in the BOSS L T.

Technical specifications:	BOSS junior 17 T Low-loader	BOSS junior 22 T Low-loader	BOSS junior 22 H High-loader	BOSS L 22 T Low-loader	BOSS L 28 T Low-loader
Capacity	17 m ³ / 600.35 feet ³	22 m ³ / 777 feet ³	22 m ³ / 777 feet ³	22 m ³ / 777 feet ³	28 m ³ / 989 feet ³
Volume to DIN 11741	11.5 m ³ / 406.12 feet ³	14.25 m ³ / 503.2 feet ³	14.25 m ³ / 503.2 feet ³	14.60 m ³ / 515.6 feet ³	18.50 m ³ / 653.3 feet ³
Overall length	5,670 mm / 223.22"	6,350 mm / 250"	6,350 mm / 250"	6,300 mm / 248"	7,540 mm / 296.8"
Overall width	2,150 mm / 84.65"	2,150 mm / 84.65"	2,150 mm / 84.65"	2,220 mm / 87.4"	2,220 mm / 87.4"
Height raised 13/55-16	2,700 mm / 106.3"	2,700 mm / 106.3"	2,980 mm / 117.3"	–	–
Tyres 15-17	2,750 mm / 108.27"	2,750 mm / 108.27"	3,030 mm / 119.3"	2,800 mm / 110.2"	2,820 mm / 111.0"
Height lowered 13/55-16	1,890 mm / 74.4"	1,890 mm / 74.4"	2,150 mm / 84.6"	–	–
Tyres 15-17	1,940 mm / 76.38"	1,940 mm / 76.38"	2,240 mm / 88.2"	2,060 mm / 81.1"	2,080 mm / 81.9"
Track width	1,920 mm / 75.6"	1,920 mm / 75.6"	1,550 / 1,750 mm	2,020 mm / 79.5"	2,020 mm / 79.5"
Load surface mm/inch	3,020 x 1,500 / 118.9 x 59.1	3,700 x 1,500	3,700 x 1,500	3,400 x 1,560	4,650 x 1,560
Platform height	660 mm / 25.98"	660 mm / 25.98"	920 mm / 36.2"	765 mm / 30.1"	785 mm / 30.9"
Pickup width	1,550 mm / 61.02"	1,550 mm / 61.02"	1,550 mm / 61.02"	1,650 mm / 64.96"	1,650 mm / 64.96"
Knives standard / maximum	4 / 12	4 / 12	4 / 12	4 / 16	4 / 16
Knife spacing	120 mm / 4.72"	120 mm / 4.72"	120 mm / 4.72"	84 mm / 3.31"	84 mm / 3.31"
Weight approx.	1,410 kg / 3108 lbs	1,550 kg / 3417 lbs	1,550 kg / 3417 lbs	1,800 kg / 3968 lbs	2,000 kg / 4409 lbs

	Pre-Select Control system	Pivoting drawbar hydraulic	Tailgate hydraulic	Extension hydraulic	Tarpaulin for extension
BOSS junior	–	Optional	Optional	–	–
BOSS L T	Optional	Optional	Optional	Optional	Optional
					

	Pickup tandem jockey wheels	Knives	Mower transmission	160 mm drawbar eye extension	Hydraulic brakes
BOSS junior	–	4 as standard/ 8 as option	–	Optional	–
BOSS L T	Optional	4 as standard / 12 as option	Optional	Optional	Optional
					

	Tyres 350/50-16	Tyres 380/55-17	Tyres 15.0/55-17 AS	Tyres 19/45-17	Tyres 19/45-17 AS	Tyres 500/50-17
BOSS junior	Standard	Optional	Optional	Optional	–	Optional
BOSS L T	–	Standard	Optional	Optional	Optional	Optional
						

All information is provided without obligation. Fittings can vary from country to country.

Quality for the future



Machines with the cloverleaf logo enjoy a global reputation for success, with reliable quality and service.



Cathodic electrocoat primer and powder coating – car-quality paint finish



Laser-cutting machines for absolute precision in sheet-metal working



New hardening centre for wearing parts

The latest 3D design

Future-safe component testing – the new Grieskirch Technology and Innovation Centre simulates the harshest operating conditions and determines the maximum load limits

Original
inside

Pöttinger "Original inside" wearing parts offer added value at a glance: Longer service life, precision fit, always available

Service

Product handover – Pöttinger believes all customers have the right to a proper product handover by their Pöttinger sales partner in the interests of their warranty

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