

Round balers
IMPRESS

 **PÖTTINGER**

The perfect flow.


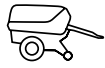



The new dimension.



Agriculture needs reliability. Regardless of whether the sun is shining or it is raining, a key feature of the PÖTTINGER IMPRESS is reliability in baling straw, hay or silage.

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Maximum versatility



Versatility for all crop types

PÖTTINGER's entry into the round baler market was driven by the desire to take existing round baler technology to another level.

Many PÖTTINGER employees are farmers themselves - consequently they are continually thinking about how the machinery they work with could be improved. Key areas were considered such as more capacity, improved convenience and safety. That is why PÖTTINGER is keen to assess things from the ground up. Where thinking outside the box isn't enough, sometimes you have to rethink it completely: just like the LIFTUP rotor on the new IMPRESS round balers.

The LIFTUP rotor conveys the material to be baled from the floating controlled pick-up and feeds it from the front upwards into the chopping system. The crop therefore passes over the rotor and not under the rotor as on conventional round balers.

Literally rethinking the crop flow into the baler has brought about many positive advantages: Firstly, the new LIFTUP technology enables a natural flow of crop, so that the forage enters the bale chamber tangentially at an ideal angle. The result is a high intake capacity that translates into high baling performance with very low disintegration losses. In addition, the bale chamber is fed more uniformly across the whole width.

This greatly reduces any weaving needed to produce perfectly shaped bales and ensures the bale always starts to form reliably in any situation.

Quite simply, it's always ready to go!

Regardless of whether in wet or dry conditions, baling straw, hay or silage - the bale starts reliably with 32 knives engaged in virtually all operating conditions.

- Wet or dry conditions
- Straw, hay or silage

One machine for all conditions - that is unique on the market.



High capacity performance

The best possible performance, everywhere and any time:

- Controlled floating pick-up for maximum intake
- Innovative LIFTUP overhead rotor makes the highest performance possible
- Two active augers on each side for high capacity feed to the rotor

Italian farm appreciates flexibility

Farming business Azienda Agricola Boldini Filli s.s. has a wide spectrum of crops, all of which can be baled using the IMPRESS. "We are amazed at the quality and performance of these round balers. The optimum chopping quality and the perfect ground tracking of the machine guarantee us the best forage quality."

Boldini also explained that the IMPRESS delivered good results when used with a 100 hp tractor.

Maximum versatility



The perfect flow - unique crop flow path

The key to the best possible forage quality and to a high quality round baler is the way the crop flows into the machine.

The LIFTUP overhead rotor enables a natural crop flow, with the forage flowing into the bale chamber at an optimum angle.

This method promotes a flow that conserves the crop with very low disintegration losses.

The long transfer throat ensures excellent mixing of the crop. This helps the bale retain its shape even when handled multiple times.

PÖTTINGER's solution for the best forage quality is the Perfect Flow.

Reliable bale start

Thanks to LIFTUP technology, the bale starts turning reliably in all operating conditions.

- Tangential crop flow into the bale chamber for a perfect start to the bale
- Two starter rollers above and below the throat
- The rotor has rows of tines arranged in a V with a diameter of 650 mm
- The loading rotor is mounted on self-aligning ball bearings at both ends



Perfect forage flow at high speeds

An adjustable swath roller with crop transfer rods guarantees perfect forage flow in every type of crop, even at high speed.

Two feed augers

Two cross conveyor augers on each side ensure optimum feeding. Especially with dry material, these actively convey large volumes for enormous intake capacity.

- Jockey wheels can easily be height-adjusted
- Pick-up float function with 8 settings for flexibility in straw
- An adjustable crop swath roller with a diameter of 200 mm and optimised crop transfer rods for highest rate of intake

Pick-up with maximum capacity

With a working width of up to 2.3 m, even wide swaths can be picked up quickly and tidily. Driving into the swath and cornering are also much easier with the 2.3 metre pick-up and take the pressure off the driver.

Two pick-up widths

- **IMPRESS MASTER:**
Standard 2.05 m, with rigid jockey wheels, optional 2.30 m with trailing jockey wheels.
- **IMPRESS PRO:**
Standard 2.30 m with trailing jockey wheels.

Output and chop length are what count in France

Stéphane Simon of GAEC Simon France states that: "The IMPRESS gives me maximum versatility in operation, regardless of whether it is with grass or straw. In the field I have witnessed the performance of the floating pick-up, the high chopping quality with the 32 reversible knives as well as perfect bale formation with a very high density. I am also really pleased with the automatic tailgate function, which has saved me a lot of time."

The highest forage quality



The best forage quality is the basis for your success

High yield dairy cattle need high quality base forage with the optimum structure. This is readily consumed by the animals in sufficient quantities. That is the best way to prepare the rumen to process the forage as productively as possible. High base forage quality reduces dependence on concentrates and promotes animal health, both of which lower your costs. Healthy cattle express their gratitude with better fertility, by producing milk for longer, and - even more decisively - with higher milk yields. The bottom line is that you benefit from clean, high quality forage with more profits from your dairy business.

The best forage in every situation

With the PÖTTINGER IMPRESS we can guarantee the best possible handling of every crop, in silage, hay or straw. We redefine established systems and provide loader wagon chopping quality on round balers for the first time, offering the highest possible forage quality.



Soil conservation with high performance technology

High performance technology in conjunction with the latest soil conserving tyres, helps to maintain soil health and protect the sward. Soil compaction has a direct effect on your profits: deep wheel marks cost up to 10 % more diesel, with damage due to compaction resulting in fertiliser costs up to 20 % higher.

- You can ensure the fertility and performance of the soil as a natural resource and avoid soil compaction
- Provide maximum soil conservation by minimising harmful compaction with a large surface area of contact with the ground
- Avoid reduced yield due to harmful compaction
- Avoid damage to the sward - costing up to EUR 100 / ha in lost yield*
- Rapid regrowth of grassland stock

* Source: Lecture by Southwest Falia Agricultural College in Soest, 2008.

Austrian farmer Berer relies on chopping quality

"The chop quality is really the best. Our automatic feeding system mixes eight times a day for four minutes. With our previous quality bales chopped with 16 knives the mixing procedure took two minutes longer i.e. in total 16 minutes longer every day. The chop quality of the IMPRESS saves us both time and electricity."

The highest forage quality



Unique chopping quality up to the edge of the bale

IMPRESS PRO models achieve a unique theoretical chopped length of 36 mm across the full width of the rotor. The new, pull-out FLEXCUT 32 short chop system features 32 TWIN BLADE reversible knives. PÖTTINGER, the world leader in loader wagons, has thus managed to integrate loader wagon chop quality into a round baler for the first time. Short chop not just for silage, but also for straw. That is unique.

TWIN BLADE reversible knives

The knives are produced from hardened tool steel and their pressed serrated edge ensures a precise chop. With TWIN BLADE reversible knives you can achieve double the service life: Another unique feature amongst balers.

- Double the service life - long term uniform chop consistency
- Sharp knives reduce the power required to drive the knife bank by around 20 %



Silage – additional advantages of shorter chop length

- Higher compression, heavier bales - improved fermentation
- Homogeneous mixing - improved fermentation stability
- Easier bale cutting when feeding
- Less power needed to drive feed mixer wagon
- Less energy required



Straw - additional advantages with short chop material

- No additional chopping needed – lower costs
- Optimum stalk breakage – higher porosity.
- No dust generated during handling and distributing
- Power saving of up to 20 % compared to baler-mounted straw chopper
- Ideally chopped structure for TMR feeding



Hay - advantage of flexible knife pre-selection

- Knives can be deactivated quickly
- A consistent bale density of 80-120 kg DM/m³ is decisive for optimum bale drying
- Higher added value in milk production
- Increase in basic forage performance
- High leaf content
- Light, dry bales
- Low flow resistance for optimum drying sequence

The highest forage quality



Unique 36 mm chopped length on PRO models

A short chop length of 36 mm is a world first in round balers and leads to high compression of the crop.

- A high bale weight with all harvest materials (silage, hay, straw) within the range of +15 % when changing from 16 to 32 knives
- Reduces storage area required
- Less handling time
- Lower transport and storage costs
- Lower overall costs thanks to lower netting and film consumption
- The best possible forage quality for lower costs

Smooth crop flow

Reduced potential for contamination

- Lower crop losses due to disintegration with an optimised crop flow
- Reduced disintegration losses thanks to controlled pick-up
- Disintegrated material is fed back into the crop flow



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Best ground tracking for clean forage

Unique controlled pick-up system with 120 mm of vertical travel

The suspension point in the middle of the pick-up and two jointed support arms ensure the pick-up has complete freedom of movement. This results in a unique vertical travel of 120 mm at the tines.

Reduces pressure applied to the ground by 33%

The suspension springs deliver perfect ground tracking and exact contouring to reduce the contact pressure to approx. 100 kg.

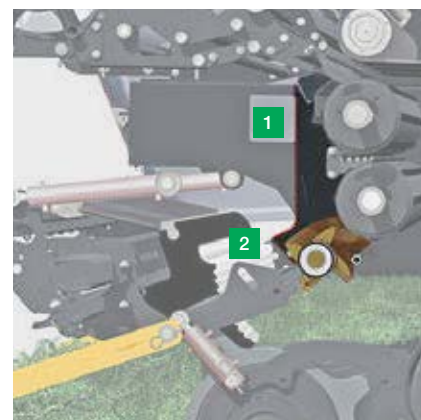
To ensure perfect ground tracking when cornering, the 16 x 6.5-8 jockey wheels can be adjusted to ensure they make contact with the ground on precisely the same line as the tines.



Individual knife protection system for the best chopping quality.

In order to protect the knife bank, the knives and animals, each individual knife is protected separately. This protects the knives from damage or breakage and ensures a consistently high chopping quality over a longer period of time.

The individual knife protection system not only protects the machine, it also protects the sensitive digestive tract of your livestock.



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Cleaning rotor

Any leaves that are lost during chopping are fed back into the flow of crop by the cleaning rotor. This is a unique design that solves the problem of disintegration of crop material with a higher number of knives. The result is a high baling performance with very low disintegration losses.

- 1** Any disintegrated material is fed back via the cleaning rotor into the flow of crop
- 2** Cleaning rotor

This is a key advantage especially when baling leafy forage such as alfalfa because none of the nutritious leaves are lost.

Reliability



Reliable during operation in all conditions

The reliability of round balers in all operating conditions regardless of whether you are baling silage, hay or straw has always been a key issue.

PÖTTINGER has devoted particular attention to this issue in the development of the new IMPRESS: Tangential crop flow into the bale chamber, optimised bale starting volume, and two patented lower starter rollers on the variable chamber models ensure a reliable start to the bale with all 32 knives engaged, in all operating conditions.

This level of reliability in combination with a short-chop system was previously not available on the market, especially when baling straw.



Reliable operation

Regardless of whether the sun is shining or it is raining, baling straw, hay or silage - the reliability of our round balers in all operating conditions is a key feature of the PÖTTINGER IMPRESS.

- Best possible processing of every type of material (silage, hay, straw) in every situation.
- Reliable bale start thanks to tangential crop flow in all operating conditions, even with all the knives engaged.
- Because the chopping system is positioned above the crop flow, it is less prone to contamination.
- Nonstop individual knife protection system.
- No blockages of the knife protection system like on conventional systems.

A controlled floating pick-up

The PÖTTINGER pick-up is controlled from both ends by a steel cam track.

- The tines are slightly trailing to sweep in a controlled arc and adapt ideally to contours. As a result clean forage is guaranteed.
- The fully active tine length up to the withdrawal point ensures the forage is transferred to the rotor perfectly.
- Thanks to the reduced speed of the rotor, the forage is not dragged but fed actively into the rotor.
- Maximum conveying performance at high driving speeds.
- Reliable high intake performance, even in difficult harvesting conditions.

Reliability



Wrapped tight

Net wrapping

The bales are wrapped tightly with a predetermined number of layers of net wrap. The net wrapping system also boasts several special features: Using a feeder plate, the net wrap is fed reliably into the bale chamber.

IMPRESS MASTER

Start wrapping manually or in automatic mode once the bale has reached its set diameter.

IMPRESS PRO

Start net wrapping manually or in automatic mode, adapting to bale diameter.

Automatic system with ISO: Start wrapping while the machine is stopped.

Automatic time setting: Wrapping starts automatically after the bale has reached its set diameter. This is an advantage with POWER CONTROL terminals (without a speed signal).

Movable net wrap feeder unit

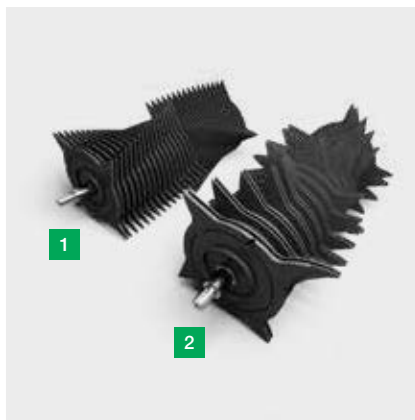


When the moveable net wrap feeder unit moves into the chamber, the net wrap brake is deactivated. As soon as the net wrap enters the bale chamber, the net wrap brake is applied so that the net wrap is tensioned and wraps tightly right from the beginning.

Maximum net wrap width 1.30 m, diameter up to 31 cm.
Infinitely-adjustable net wrap tension.

Changing the roll of net wrap

Pull back the tracking roller to activate the brake so that the tensioning block can be removed using a quick-release catch. A holder for spare rolls of net wrap is located behind the covers on each side.



Wide spread effect for perfect bales and less weaving

The innovative LIFTUP rotor on the PÖTTINGER IMPRESS enables high baling capacity, while the bale chamber is fed with a uniformly wide blanket of crop.

The farmer benefits in every way and this greatly reduces the amount of weaving needed to produce perfectly shaped bales. The result is greater convenience for the driver and bales that keep their shape.

- Patented spiral configuration
- The bale chamber is fed uniformly across the whole width.
- This greatly reduces the amount of weaving needed.
- Alleviates driver fatigue.
- Nicely shaped bales with strong edges.

Patented spiral configuration



The bale chamber is fed uniformly across the whole width. This greatly reduces the amount of weaving needed to produce perfectly shaped bales.

- 1** IMPRESS PRO – chopping rotor for 32 knives:
 - 10 mm thick tine rings
 - High strength for reliable operation in stony areas
 - V-shaped and offset for optimum flow into the chamber
- 2** IMPRESS MASTER – chopping rotor for 16 knives:
 - 6mm thick double tines
 - Double V shape offset configuration

LIFTUP technology places the chopping system above the rotor. The higher the number of knives, the greater the reliability and ease of maintenance becomes.

That's what contractors want

Four starter rollers on fixed chamber and variable balers

The bale chamber has two starter rollers above and below the throat. Reliable bale start in all operating situations, even with all knives engaged. All the rollers in the bale chamber are designed for the highest pressures to ensure the greatest reliability.

- The baler rollers are driven by 1 1/4 inch high performance roller chains.
- Heavy duty self-aligning bearings with a diameter of 50 mm.
- Multiple-tooth profile reliably transmits power to the starter and compression rollers.

Convenience



Working convenience

Agriculture needs straightforward operations. While we cannot relieve our farmers and contractors of their work, we can make it easier. We do that by redefining the quality of life with our innovative standards. The IMPRESS round baler demonstrates how performance and convenience can work together perfectly.

Convenient and safe

Unique ease of maintenance

- The highest possible level of safety and convenience with maintenance taking place at an ergonomic workbench height outside the bale chamber
- Service the knife bank ergonomically while standing upright
- Service the knife bank outside the danger area of the round baler
- The highest level of safety



Automatic pick-up and tailgate

IMPRESS PRO:

- The pick-up is raised automatically when binding starts
- Tailgate opens automatically after bale has been tied.
- Tailgate closes automatically (only if bale kicker is in use)
- Tailgate with limit position damping

IMPRESS MASTER:

- Tailgate with limit position damping

Net wrap - automatic binding

The bales are wrapped tightly with a predetermined number of layers of net wrap. The net wrapping system also boasts several special features: Using a feeder plate, the net wrap is fed reliably into the bale chamber.

IMPRESS convinces a Polish farming professional

In addition to high performance, Janusz Jelenkowski also appreciates the convenience of being able to access the knife bank easily: "With the number of hectares I have to cover a year, convenient and safe maintenance is a key issue. These facts in combination with the good service offered by PÖTTINGER make the IMPRESS unbeatable."

Convenience



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EASY MOVE now available on round balers - unique system

The IMPRESS models feature an EASY MOVE knife bank that pulls out to the side. This offers the highest level of safety and convenience. Maintenance takes place at workbench height outside the bale chamber, away from the hazardous area of the round baler. The higher the number of knives, the greater the importance the ease of maintenance becomes. The PÖTTINGER IMPRESS provides an ingenious and convenient solution.

Different chopping configurations

PRO 0 – 16 / 16 / 16 / 32 knives

MASTER 0 – 16 / 8 / 8 / 16 knives

Up to 16 knives can be disengaged on the knife bank (MASTER and PRO) to create different chopping configurations. These are always active when the knife bank is swung back in.

The knives on the shafts A and B can be pivoted either in or out.

It's so easy to change the knives on an IMPRESS

- Lower the pick-up and swing out the chopping system hydraulically
- Remove the hydraulic cylinder, release the knife bank and pull out
- Rotate the knife shaft. The knife bank is secured in its outer position and at the same time the knives are released centrally
- The knives can be reversed or replaced quickly and easily
- Rotate the knife shaft back again to lock the knives in place. The knife bank is now ready to be pushed back in
- Push in the knife bank, secure, attach the hydraulic cylinder, swing chopping system back in - job done



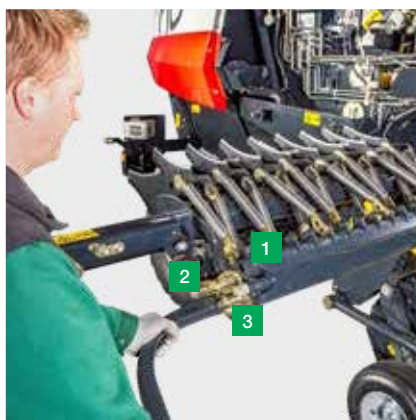
Service-friendly chopping unit

With the IMPRESS, maintenance is straightforward and simple. Another innovation is the use of TWIN BLADE reversible knives, which provide double the service life. Now it is no longer necessary to sharpen knives during a days work.

- Reserve knives are mounted on the right-hand side of the machine. Up to three reserve knives can be stowed for stony areas.

No dummy knives

Another unique detail is that no dummy knives are needed. IMPRESS does not require dummy knives because the knives that are not in use cover the chopping gap.



Variable knife group switching for more flexibility

- 1 Number of knives on the knife bank

15 knives on the knife bank
 PRO 0 – 16 knives
 MASTER 0 – 16 knives

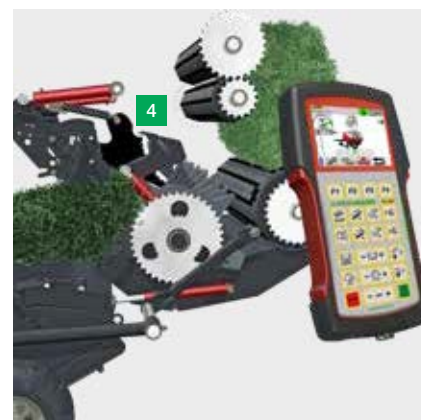
On the square cross-section of the interlock shaft, the knife groups A and B are engaged and disengaged using a lever.

- 2 Shaft A
 PRO 0 – 16 knives
 MASTER 0 – 8 knives

- 3 Shaft B
 PRO 16 knives
 MASTER 0 – 8 knives

Hydraulic knife group selection

- Optional hydraulic knife group selection from the tractor cab on PRO models.



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Flexible chopping system floor

- 4 If a blockage occurs, the cross section of the throat can be increased temporarily by lowering the chopping system floor. This allows the blockage to be cleared easily and effortlessly.

Convenience



Easy to attach

Universal drawbar

The height of the universal drawbar can be infinitely variable adjusted using two turnbuckles. Rapid and precise adaptation to every tractor.

- All hoses and cables are routed tidily through the hose holder.
- A parking stand makes it easy to attach and detach. Fitted to the left-hand side in the direction of travel.

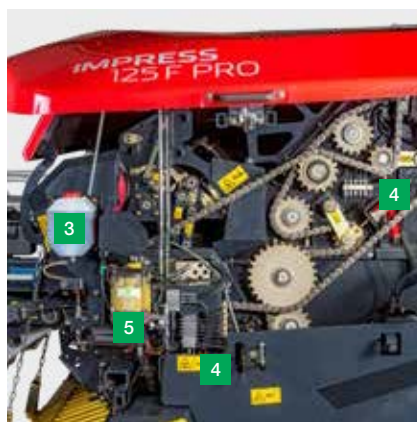
Hydraulic parallel lift drawbar

- Optional on PRO models.
- High ground clearance under the pick-up and even higher capacity baling hay and straw.
- Drawbar shock absorbers for even smoother bale transfer and driving on the road.

For a safe journey

Air brakes or hydraulic brakes

Axles equipped with large diameter brakes enhance safety while driving on the road and in steep terrain. Solo machines are available without brakes as an option.



Maintenance-friendly

By separating the mechanical, hydraulic and electronic components, an extremely tidy machine concept has been implemented. All driveline components are located on the left, the hydraulics and electronics on the right.

The automatic chain lubrication system optimises ease of maintenance and guarantees a long service life of the baler.

MASTER models

- 1** Automatic chain greasing
- 2** Greasing of the bearings on the rollers and bale belt bearings via a central greasing point

PRO models

- 3** Automatic chain lubrication
- 4** Progressive greasing of the bearings on the rollers using a progressive distributor. One grease nipple
- 5** Automatic greasing system is optional

Large farm in the Czech Republic - ZD Opařany

The flexibility of working with all crops and the 36 mm chopped length were decisive for ZD Opařany, a large farm in the Czech Republic: "The chop consistency and the forage quality are absolutely great. The high bale density combined with the high baling pressure produces very compact, well formed and hard bales. They actually look like they have been machined on a lathe, simply perfect. The slide-out knife bank is a brilliant innovation. Now drivers can replace knives conveniently while standing next to the baler and do not need to climb into the baling chamber. It is not just safer, it also saves time."

Variable round balers



- 1 Perfect ground tracking, clean crop take-up and maximum intake thanks to the controlled floating pick-up.
- 2 Maximum output in all operating conditions with the innovative LIFTUP overhead rotor.
- 3 Up to 32 TWIN BLADE reversible knives with individual knife protection for a chopped length of 36 mm and higher crop compression.
- 4 The highest level of safety and convenience with the pull-out EASY MOVE knife bank.



For all operating conditions

The variable chamber balers have three endless belts with a hydraulically-adjustable pressure-controlled belt tensioner. The three endless belts make sure the bale rotates in every situation, even with short chopped crop material.

- Wet or dry conditions.
- Straw, hay or silage
- One machine for all conditions, even as a variable baler
- unique on the market

IMPRESS 155 V / 185 V

Without chopping system

PTO speed: 540 rpm

Pick-up width: 2.05 m optional 2.30 m

Bale width: 1.20 m

Bale diameter IMPRESS 155 V: 0.80 – 1.55 m

Bale diameter IMPRESS 185 V: 0.90 - 1.85 m

Operation: SELECT CONTROL

IMPRESS 155 V / 185 V MASTER

Chopping system with 16 knives

PTO speed: 540 rpm

Pick-up width: 2.05 m optional 2.30 m

Bale width: 1.20 m

Bale diameter IMPRESS 155 V: 0.80 – 1.55 m

Bale diameter IMPRESS 185 V: 0.90 – 1.85 m

Control system: SELECT CONTROL

IMPRESS 155 V / 185 V PRO

Chopping system with 32 knives

PTO speed 1000 rpm

Pick-up width: 2.30 m

Bale width: 1.20 m

Bale diameter IMPRESS 155 V: 0.80 – 1.55 m

Bale diameter IMPRESS 185 V: 0.90 – 1.85 m

Control system: POWER CONTROL,

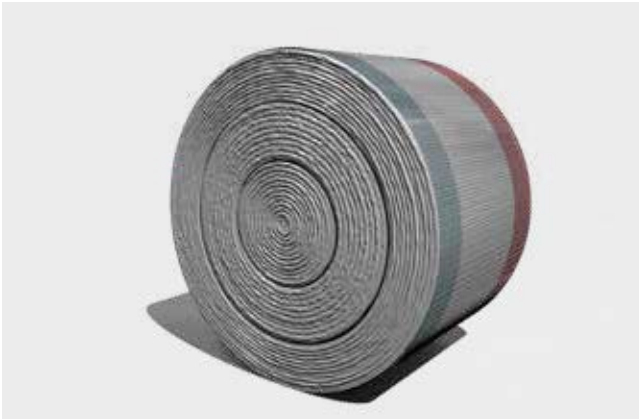
optional EXPERT 75 / CCI 1200



Variable round balers



IMPRESS 155 V / 185 V



3-zone soft core control is standard

The belt tensioner makes it possible to control variable compression for the bale core, middle zone and outer zone.

- Hydraulic tailgate, infinitely variable bale diameter.
- Up to 6 preselects for crop-specific parameters in hay, straw and silage.



Three endless belts

The variable chamber models have three endless belts with a hydraulically-adjustable pressure-controlled belt tensioner. The three endless belts make sure the bale rotates in every situation.

- Multiple-tooth profile for reliable power transmission to the starter rollers
- Cleaning rollers on the belt deflection rollers



Ventilated hay

In order to meet the high quality requirements for bale ventilation, a consistent bale density of 80-120 kg DM/m³ is required.

The IMPRESS enables uniform bales to be formed for optimum airflow with a low flow resistance for rapid and constant drying - so you can generate higher added value in milk production.

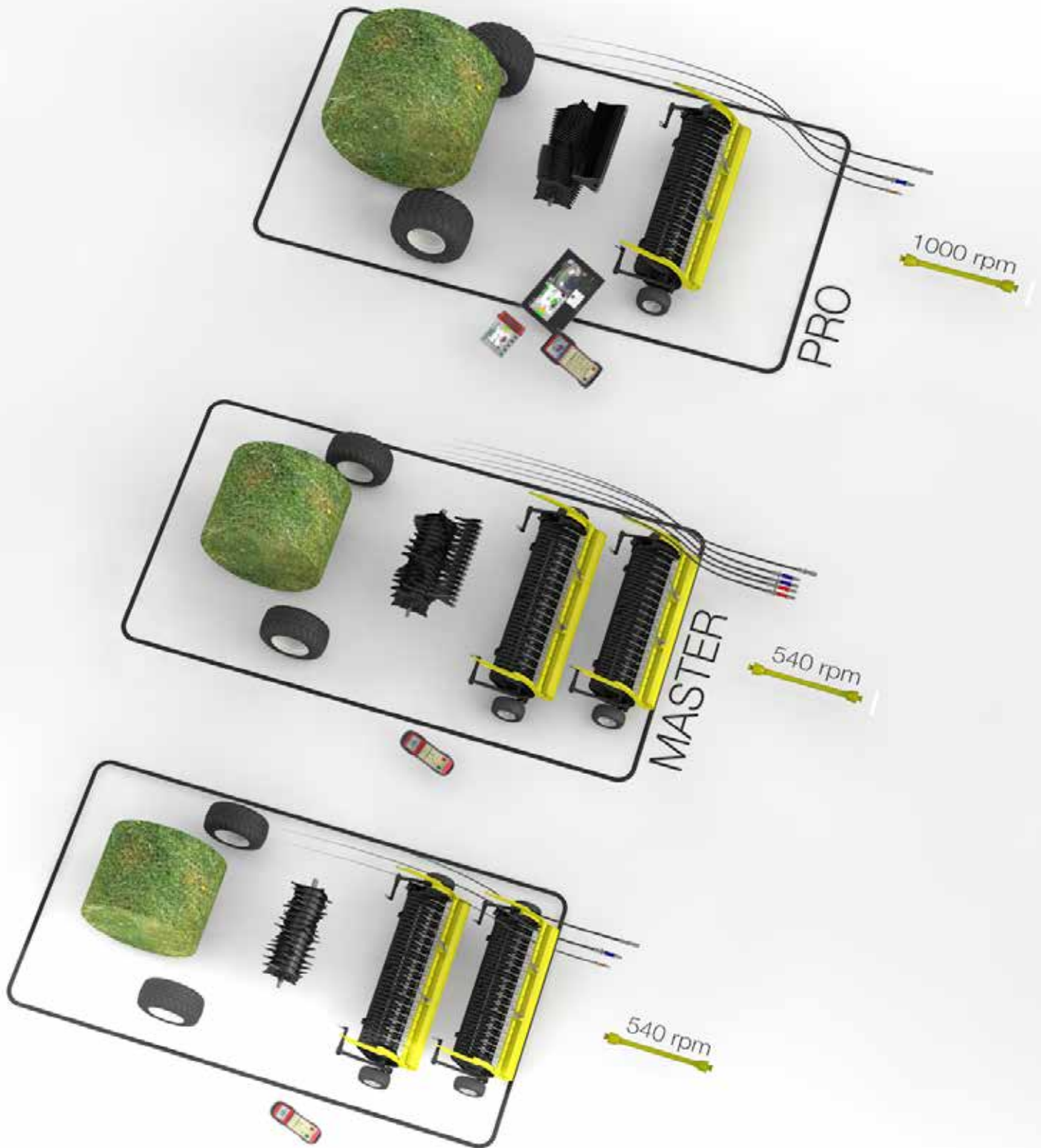


Controlled bale placement on steep ground

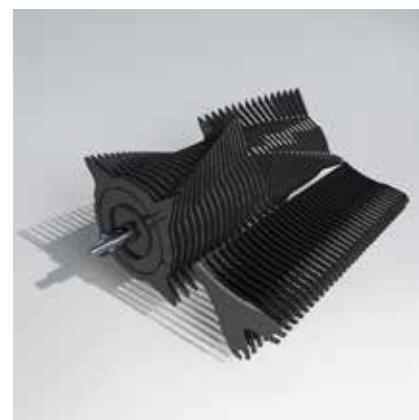
Optional on V PRO models

Automatic slope mode, which is available as an option, makes it much easier to deposit bales on slopes. The round baler determines the diameter of the round bale, opens the tailgate, the bale rolls out of the chamber and is held back by the tailgate until the bale has reached the ground.

Variable round balers



IMPRESS 155 / 185 V



IMPRESS V

- Three endless belts
- No knife bank
- Feed rotor
- PTO speed: 540 rpm,
- Pick-up width: 2.05 m, optional: 2.30 m
- Bale width: 1.20 m
- Electronic preselect SELECT CONTROL.

Standard tyres:

- 380/55-17
- optional:
- 500/50-17
 - 520/50 R 17
 - 500/60 R 22.5
 - 620/40 R 22.5
 - 520/55 R 22.5

IMPRESS V MASTER

- Three endless belts
- Chopping system with 16 knives
- Chopping rotor with 6 mm dual tines
- PTO speed: 540 rpm
- Pick-up width: 2.05 m, optional: 2.30 m
- Bale width: 1.20 m
- Electronic preselect SELECT CONTROL.

Standard tyres:

- 380/55-17
- optional:
- 500/50-17
 - 520/50 R 17
 - 500/60 R 22.5
 - 620/40 R 22.5
 - 520/55 R 22.5

IMPRESS V PRO

- Three endless belts
- Chopping system with 32 knives
- Chopping rotor with 10 mm thick tines
- PTO speed: 1000 rpm
- Pick-up width: 2.30 m
- Bale width: 1.20 m
- Bale catching system
- convenient electronic control system, ISOBUS-compatible, without terminal

Standard tyres:

- 500/50-17
- optional:
- 520/50 R 17
 - 500/60 R 22.5
 - 620/40 R 22.5
 - 520/55 R 22.5.

The IMPRESS V does not have a knife bank and has been specially optimised for dry crops.

Throughput capacity has been increased by the feed rotor and the 20 percent increase in the bale chamber speed.

Fixed chamber round balers



- 1 Perfect ground tracking, clean crop take-up and maximum intake thanks to the controlled floating pick-up.
- 2 Maximum output in all operating conditions with the innovative LIFTUP overhead rotor.
- 3 Up to 32 TWIN BLADE reversible knives with individual knife protection for a chopped length of 36 mm and higher crop compression.
- 4 The highest level of safety and convenience with the pull-out EASY MOVE knife bank.



IMPRESS 125 F MASTER

Chopping system with 16 knives
PTO speed: 540 rpm
Pick-up width: 2.05 m, optional 2.30 m
Bale width: 1.20 m
Bale diameter: 1.30 m
Electronic preselect SELECT CONTROL.

IMPRESS 125 F PRO

Chopping system with 32 knives
PTO speed: 1000 rpm
Pick-up width: 2.30 m
Bale width: 1.20 m
Bale diameter: 1.30 m
convenient electronic control system, ISOBUS-compatible,
without terminal

Fixed chamber round balers



IMPRESS 125 F



IMPRESS 125 F MASTER / 125 F PRO

Fixed bale chamber 1.20 m x 1.30 m.



Reliable technology

The fixed chamber balers have 18 chain-driven rollers to form uniform, highly stable bales. The material to be baled is compressed until the pressure on the tailgate sensor reaches the pressure set on the terminal. Binding takes place automatically or at the touch of a button, depending on the setting.

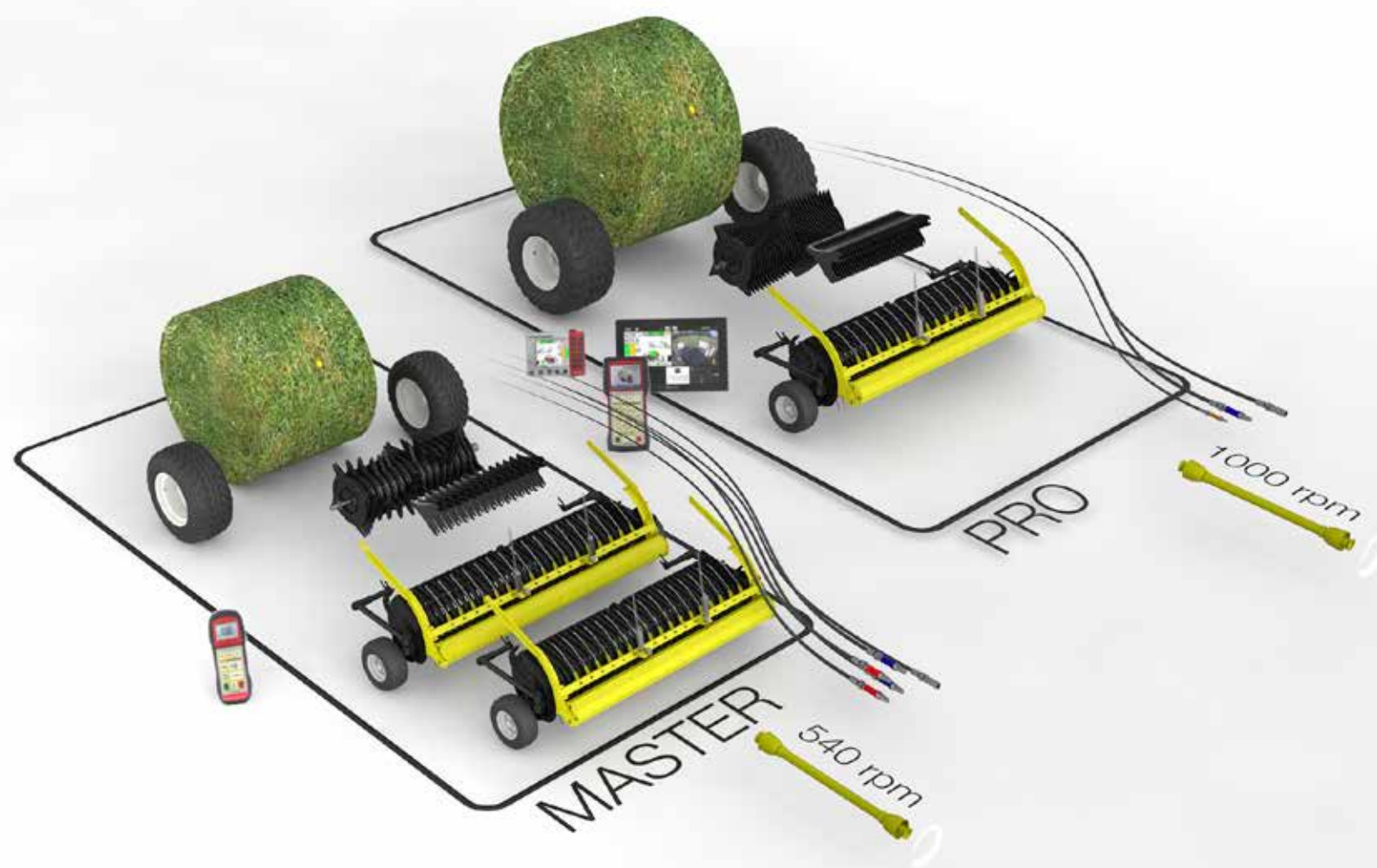
The front seven rollers make sure the bale rotates in every situation, even with straw.

- 1** 4 starter rollers
- 2** 6 drive rollers with a wall thickness of 4.5 mm for the highest drive power for really compact bales.
- 3** 8 bale forming rollers with a wall thickness of 3.5 mm in the tailgate. The hydraulic tailgate is designed for the highest compression forces.

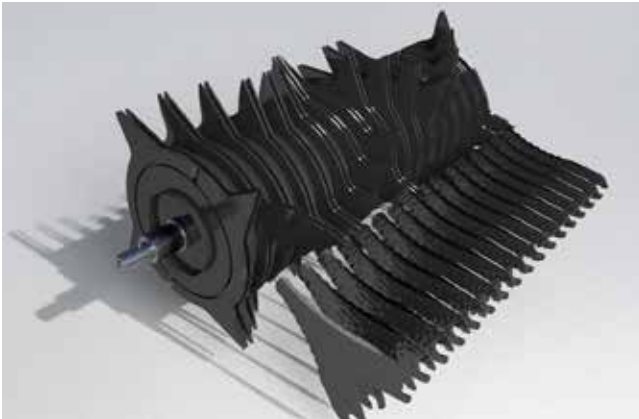
All rollers have the same dimensions in order to withstand the highest pressures and achieve maximum bale density.

- The baler rollers are driven by 1 1/4 inch high performance roller chains.
- Automatic chain tensioner with display.
- Automatic chain lubrication.
- Multiple-tooth profile reliably transmits power to the starter and compression rollers.
- Heavy duty self-aligning bearings with a diameter of 50 mm.

Fixed chamber round balers



IMPRESS 125 F

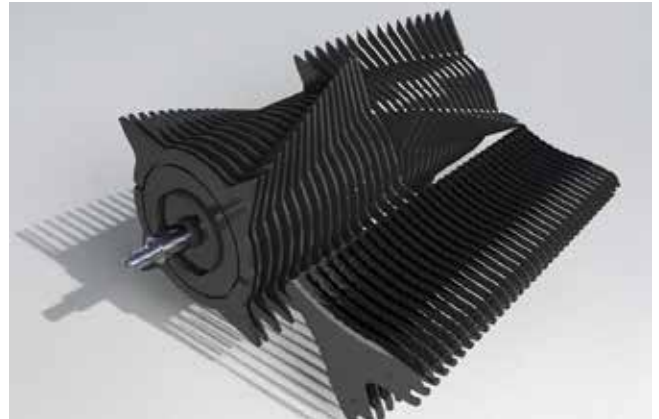


IMPRESS 125 F MASTER

- Chopping system with 16 knives
- PTO speed 540 rpm
- Pick-up width 2.05 m, optional 2.30 m
- Electronic preselect SELECT CONTROL.

Standard tyres:

- 380/55-17
- optional:
- 500/50-17,
520/50 R 17,
500/60 R 22.5,
620/40 R 22.5,
520/55 R 22.5.



IMPRESS 125 F PRO

- Chopping system with 32 knives
- PTO speed 1000 rpm
- Pick-up width 2.30 m
- convenient electronic control system, ISOBUS-compatible, without terminal

Standard tyres:

- 500/50-17
- optional:
- 520/50 R 17,
500/60 R 22.5,
620/40 R 22.5,
520/55 R 22.5.

Baler & wrapper combinations



- 1 Perfect ground tracking, clean crop take-up and maximum intake thanks to the controlled floating pick-up.
- 2 Maximum output in all operating conditions with the innovative LIFTUP overhead rotor.
- 3 Up to 32 TWIN BLADE reversible knives with individual knife protection for a chopped length of 36 mm and higher crop compression.
- 4 The highest level of safety and convenience with the pull-out EASY MOVE knife bank.



Bale and wrap in one pass

Direct wrapping, continuous loading and double bale placement. An innovative, fast, high throughput wrapper to match the high output baler. Control centre on wrapper film dispenser for bales between 1.10 and 1.50 m diameter.

IMPRESS 155 VC PRO

Bale width 1.20 m, bale diameter 0.80 – 1.55 m.

IMPRESS 185 VC PRO

Bale width 1.20 m, bale diameter 0.90 – 1.85 m.

IMPRESS 125 FC PRO

Chopping system with 32 knives
PTO speed 1000 rpm
Pick-up width 2.30 m
Bale width 1.20 m, bale diameter 1.30 m
convenient electronic control system, ISOBUS-compatible, without terminal
Tandem axle with 520/55 R 22.5 tyres

IMPRESS 155 / 185 VC PRO

Chopping system with 32 knives
PTO speed 1000 rpm
Pick-up width 2.30 m
Bale width: 1.20 m
Bale diameter IMPRESS 155 VC PRO: 0.80 – 1.55 m
Bale diameter IMPRESS 185 VC PRO: 0.90 - 1.85 m
convenient electronic control system, ISOBUS-compatible, without terminal
Tandem axle with 520/55 R 22.5 tyres



Baler & wrapper combinations





The highest forage quality in one pass

IMPRESS baler & wrapper combinations combine all the performance features of the IMPRESS F and V series with a unique double wrapping arm concept controlled from below.

This allows you to bale and wrap your high quality base forage in a single step.



Perfect ground tracking

With their 22.5" tandem chassis, the baler & wrapper combinations offer perfect ground tracking and a low ground pressure of max. 1.58 kg/cm² when fully loaded.

Thanks to the interaction of the individual components, no forage is left behind even in hilly terrain.



Bale turner

The optional bale turner rotates wrapped round bales to be deposited in the vertical position so that they can also be transported in this position. Perfectly integrated into the wrapping platform, it requires hardly any space, but can be used at any time.

Because it folds away hydraulically, there is no need to reconfigure the machine - everything is controlled from the tractor seat.



Suitable for working on slopes, despite its size

The optional tilt sensor automatically adjusts the speed to the terrain and ensures reliable bale transfer even on steep ground.

The hydraulic functions such as tailgate, wrapper and bale placement are adjusted automatically.

Baler & wrapper combinations



Unique wrapper system

The unique arrangement of the wrapping arms from below enables an extremely low centre of gravity and trouble-free continuous loading of large bales.

In order to significantly reduce the risk of damage to the wrap film, the bale placement height was moved as close as possible to the ground.

The control centre is located directly on the film carrier of the wrapper and allows the exact adjustment of the film position for bale diameters of 1.10 - 1.50 m.

The wrap pre-stretch unit with wrap tear monitor allows the level of pre-stretching to be easily adjusted between 50 % and 70 %.

Thanks to the linear transfer unit to the wrapping platform, fast and reliable bale transfer is ensured up to a slope inclination of 40 %.

The emergency switch off system for the wrapper complies

with the latest safety regulations to effectively prevent injuries in the wrapper area.

The fully automatic and adjustable wrapping system ensures high working speeds of up to 36 rpm. This provides maximum productivity and efficiency whilst achieving consistent forage quality in all operating conditions.

IMPRESS FC / VC



IMPRESS 125 FC PRO

The IMPRESS 125 FC PRO is a fixed chamber round baler with 18 compression rollers.

- 4 starter rollers, 6 drive rollers, 8 compression rollers
- Chopping system with 32 knives
- PTO speed 1000 rpm
- Pick-up width 2.30 m
- Bale diameter 1.30 m, wrapped 1.30 m
- convenient electronic control system, ISOBUS-compatible, without terminal



IMPRESS 155 VC PRO

The IMPRESS 155 VC PRO is a variable round baler with 3 high-strength endless belts designed for all crops and operating conditions.

- Three endless belts
- Chopping system with 32 knives
- PTO speed 1000 rpm
- Pick-up width 2.30 m
- Bale diameter 0.80 – 1.55 m, wrapped 1.10 - 1.50 m
- convenient electronic control system, ISOBUS-compatible, without terminal



IMPRESS 185 VC PRO

The IMPRESS 185 VC PRO is a variable round baler for contractors and large farms. The high flexibility of the bale size makes it the ideal choice for constantly changing application requirements.

- Three endless belts
- Chopping system with 32 knives
- PTO speed 1000 rpm
- Pick-up width 2.30 m
- Bale diameter 0.90 – 1.85 m, wrapped 1.10 - 1.50 m
- convenient electronic control system, ISOBUS-compatible, without terminal

Baler & wrapper combinations



Engineered for professionals

Designed for the highest reliability and output. Direct wrapping, continuous loading and double bale placing. An innovative, fast, high throughput wrapper to match the high output baler.

Maximum versatility

Regardless of whether the sun is shining or it is raining, regardless of whether you are baling straw, hay or silage - these round balers offer reliability in all operating conditions.

- Variable knife group switching
- Bale diameter 1.30m, 0.80 – 1.55 m or 0.90 – 1.85 m
- Bale diameter dependent control centre on wrapper film dispenser (dia. 1.10 – 1.50 m)
- Bale can be deposited horizontally or vertically



The highest forage quality

Bale and wrap in one pass

The best forage quality thanks to finished bale being wrapped immediately. The risk of damage to the film is significantly reduced thanks to the low bale deposit height.



IMPRESS FC / VC



Reliability

- Compact wrapper unit with double wrapper arms controlled from below
- Wrap pre-stretch unit with wrap tear monitor easily adjusted to 50 % or 70 % pre-stretch
- Rapid and reliable bale transfer on slopes up to 40 % with linear transfer unit onto the wrapping table
- Wrap tear monitor
- Emergency switch for wrapper complies with the latest safety regulations
- High ground clearance under front of pick-up and at back end of the wrapper.



Convenience

- Choose between automatic and manual mode
- Controls at rear of wrapper are convenient for maintenance and service work
- LED floodlights, flashing beacon and camera system as standard for optimum monitoring of processes
- Automatic chain greasing
- Bearings on the rollers and bale belt are greased using a progressive distributor
- Quick and convenient wrap film change due to hydraulic folding film roll holders on both sides
- Wrap storage protected behind body panels
- Fully automatic adjustable wrapping system that operates at high working speeds
- Automatic greasing system optional



Quality and durability

PÖTTINGER painting line technology incorporates cathophoretic dip priming and powder coating.

- Environmentally friendly painting methods without solvents
- High elasticity and long service life
- No cracks form in the paint as a result of stress or deformation
- Good corrosion protection and excellent UV resistance
- High resale value

Intelligent control



SELECT CONTROL – electronic preselect functions

on MASTER models.

With the electronic preselect system SELECT CONTROL, all functions of the implements to be operated can be preselected and then carried out using the tractor's spool valves.

- Functions can be preselected using the terminal
- High quality 2-component casing with display and status indicator
- Raised back-lit keys offer optimum visibility at night
- Operator terminal with magnetic mounting
- Total bale counter and daily bale counter
- Flexible soft core setting in 3 zones
- Acoustic signal before baling starts
- Acoustic signal when bale is finished
- Displays belt tension (V), forming pressure (F), diameter, number of net layers
- Driving direction display
- Automatic operating modes: Automatic knotting system
- Status symbols for pick-up, knives, chopping floor and net wrapping
- Setting of bale diameter, net layers and forming pressure

Connections:

- 1 x 3-pin Cobo plug.
- 2 x double acting, 1 x free flow return.
- Oil filter as standard.



POWER CONTROL – electronic control system

Optional on IMPRESS PRO models.

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

- Total bale counter and 3 separate customer counters
- Flexible soft core, 3 zone density settings
- Acoustic signal before baling starts
- Acoustic signal when bale is finished
- Displays belt tension (V), forming pressure (F), diameter, number of net layers
- Status symbols for pick-up, knives, chopping floor, net wrap and automatic greasing (optional)
- Driving direction display
- Automatic operating modes: Automatic tying system, tailgate automatic (bale ramp necessary), pick-up automatic
- Semi-automatic function with play / pause for all automatic modes – unique feature
- Setting of bale diameter, net layers and forming pressure

Connections:

- 1 x 3 pin Cobo plug
- 1 x single acting, 1 x free flow return
- 1 x load sensing
- Oil filter (standard)

Digital agricultural technology



EXPERT 75 ISOBUS terminal

Optional on IMPRESS PRO models.

The compact 5.6" EXPERT 75 ISOBUS terminal can be operated both directly via the touchscreen and using keys or a scroll wheel. Safe one-hand operation is supported by the grip bar. The ambient light sensor and the illumination of the function keys ensure convenient handling even at night.

- Convenient single-hand operation, grip bar for secure hold
- Double-row arrangement of 12 soft keys (F1-F12) on the right
- Edit using keys and touch-screen
- Scroll wheel with confirmation function for direct input and adjustment of set points
- Rugged synthetic casing, compact dimensions
- High quality 5.6" TFT colour touch-screen
- Ambient light sensor and back-lit function keys
- Total bale counter and 20 separate customer counters
- USB interface for screen shots and terminal programmer extension
- AUX joystick compatible
- Scroll wheel with confirmation function for direct input and adjustment of set points
- Extended ISOBUS functions: ISO automatic binding (speed signal required via signal socket)



CCI 1200 ISOBUS terminal

Optional on IMPRESS PRO models.

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

- Horizontal or vertical mounting possible
- Large display for best possible monitoring of machine functions
- Individual layout

Simultaneous display of multiple applications

- Camera image and machine functions at a glance - safe manoeuvring
- monitoring of the wrapping process in the baler & wrapper combination
- Simultaneous operation of several ISOBUS machines possible
- Display and process signal socket data (e.g. speed signal)

Innovative Help system:

- Get information at any time about current applications and their functions
- Images and videos help you to change settings

Accessories



POWER CONTROL

EXPERT 75 / CCI 1200 ISOBUS Terminal

Low drawbar

Hydraulic parallel lift drawbar

Bale kicker

IMPRESS V	-	- / -	<input type="checkbox"/>	-	<input type="checkbox"/>
IMPRESS F / V MASTER	-	- / -	<input type="checkbox"/>	-	<input type="checkbox"/>
IMPRESS F / V PRO	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IMPRESS FC / VC PRO	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-

Low drawbar with ball hitch

Towing eye / towing eye extension +70 mm

Pick-up 2.30 m

Hydraulic Brake

Tyres 500/50-17

IMPRESS V	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IMPRESS F / V MASTER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IMPRESS F / V PRO	<input type="checkbox"/>	<input type="checkbox"/>	■	<input type="checkbox"/>	■
IMPRESS FC / VC PRO	<input type="checkbox"/>	<input type="checkbox"/>	■	<input type="checkbox"/>	-

Often ordered together

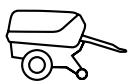


Automatic greasing system	Individual TWINBLADE knives	Hydraulic knife pre-selection	Camera / monitor	Tandem axle	Flashing beacon
-	-	-	□/□	□	□
-	■	-	□/□	□	□
□	■	□	□/□	□	□
□	■	□	■/□	■	■

Tyres 520/50 R 17	Tyres 500/60 R 22.5	Tyres 520/55 R 22.5	Tyres 620/40 R 22.5	Load sensing kit (recommended)	Bale turner
□	□	□	□	-	-
□	□	□	□	-	-
□	□	□	□	□	-
-	□	■	-	■	□

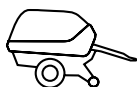
■ = Standard, □ = Optional

Technical data



Fixed chamber round balers

	Bale diameter	Power requirement from	Pick-up width	Operation	Knives / knife spacing
IMPRESS 125 F MASTER	1.30 – 135 m	59 kW / 80 hp	2.05 m	SELECT CONTROL	16 / 72 mm
IMPRESS 125 F PRO	1.30 – 135 m	74 kW / 100 hp	2.30 m	POWER CONTROL	32 / 36 mm



Variable round balers

IMPRESS 155 V	0.80 - 1.55 m	52 kW / 75 HP	2.05 m	SELECT CONTROL	-
IMPRESS 155 V MASTER	0.80 - 1.55 m	59 kW / 80 hp	2.05 m	SELECT CONTROL	16 / 72 mm
IMPRESS 155 V PRO	0.80 - 1.55 m	74 kW / 100 hp	2.30 m	POWER CONTROL	32 / 36 mm
IMPRESS 185 V	0.90 - 1.85 m	52 kW / 75 HP	2.05 m	SELECT CONTROL	-
IMPRESS 185 V MASTER	0.90 - 1.85 m	59 kW / 80 hp	2.05 m	SELECT CONTROL	16 / 72 mm
IMPRESS 185 V PRO	0.90 - 1.85 m	74 kW / 100 hp	2.30 m	POWER CONTROL	32 / 36 mm



Baler & wrapper combinations

	Bale diameter	Wrapper diameter	Power requirement from	Pick-up width	Hydraulic power required
IMPRESS 125 FC PRO	1.30 – 135 m	1.30 – 135 m	96 kW / 130 hp	2.30 m	60 l/min, 180 bar
IMPRESS 155 VC PRO	0.80 - 1.55 m	1.10 – 1.50 m	96 kW / 130 hp	2.30 m	60 l/min, 180 bar
IMPRESS 185 VC PRO	0.90 - 1.85 m	1.10 – 1.50 m	96 kW / 130 hp	2.30 m	60 l/min, 180 bar

Tractor PTO speed	Length	Outside width	Height	Tyres Standard	Weight
540 rpm	4657 mm	2620 mm	2545 mm	380/55-17	4600 kg
1000 rpm	4657 mm	2830 mm	2545 mm	500/50-17	4850 kg

540 rpm	4897 mm	2620 mm	2825 mm	380/55-17	4500 kg
540 rpm	4897 mm	2620 mm	2825 mm	380/55-17	4750 kg
1000 rpm	4897 mm	2830 mm	2825 mm	500/50-17	5000 kg
540 rpm	5107 mm	2620 mm	3100 mm	380/55-17	4600 kg
540 rpm	5107 mm	2620 mm	3100 mm	380/55-17	4850 kg
1000 rpm	5107 mm	2830 mm	3100 mm	500/50-17	5100 kg

Double wrapper arm	Length	Outside width	Height	Tyres Standard	Weight
36 rpm	7240 mm	2890 mm	2550 mm	520/55 R 22.5	7600 kg
36 rpm	7240 mm	2890 mm	2825 mm	520/55 R 22.5	7700 kg
36 rpm	7240 mm	2890 mm	3100 mm	520/55 R 22.5	7900 kg

PÖTPRO



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For all PÖTTINGER machines 1997 models onwards

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All the information on your machine.

You will immediately receive all the information on your machine.

- Instruction manual
- Optional equipment information
- Brochures
- Photos and videos.



CLASSIC

DURASTAR

DURASTAR PLUS

Rely on the original

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

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

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

Your advantages

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

Wear parts

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

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

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



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

Harvest quality

- Healthy soil is one of the key provisions for optimising your yield. We support you in achieving this with our machines.
- Clean, tasty base forage is the foundation for an efficient dairy business. From mowing through to harvesting, we help you have a positive influence on the quality of your forage.
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