



MidiFix & MidiVario II
MidiBalers



Quality for green fields all over the world.

We from AGRONIC know that the work needs to be done in a short period of time. You expect reliability and performance of your machines to complete the job!

With our MidiBalers we cater for your needs. Versatile machines that add value to your activities whenever you wish.

We are proud of it. Because your story is our story.



AGRONIC MidiBalers, unmatched capacity.

To get maximum return from your machine is unmatched reliability a must. AGRONIC offers efficient and versatile MidiBalers, designed with state-of-the-art technology.

This results in minimal standstill and machines that you can trust!

With AGRONIC on its way to quality food!

AGRONIC MidiFix

- Balesize: 85 cm. (width) x 90 cm. (diameter).
- Bale volume: 0,55 m³. Baleweight 75-150 kg.
- Fixed bale chamber with 14 heavy-duty chamber rollers.
- Pick-up width: 1.70 mtr.
- Infeeding rotor with 7 knives cutting system.
- Capacity: up to 70 bales/hour.



AGRONIC MidiVario II

- Balesize variable: 85 cm. (width) x 88-100 cm. (diameter).
- Bale volume: 0,52-0,67 m³. Baleweight 75-200 kg.
- Variable bale chamber with chain-elevator system.
- Pick-up width: 1.50 mtr.
- Infeeding rotor with 7 knives cutting system.
- Capacity: up to 60 bales/hour.



AGRONIC MIDIFIX

The AGRONIC MidiFix is an extremely compact machine. The heart of the MidiFix consists of 14 symmetrical bale chamber rolls which guarantees exceptional high pressure density and bale rotation under all crop conditions.

Combined with the patented bale transfer system and a quick wrapper with double wrapper arms, the machine has unmatched capacity!

The one-man combination, everything under control!

AGRONIC MidiBalers guarantee high reliability and capacity (number of bales/hour). Thoughtful technique and an efficient process ensure the highest possible return. A fully automated process ensures easy operation. Waiting times are reduced by optimal adjustment of the workflow. Know-how from "own house".

All this gives working with AGRONIC MidiBalers great pleasure!



Patented bale transfer system

After opening the baler door, the bale rolls gradually onto the wrapping table. Thanks to the ingenious construction of the wrapping table, the bales are moved in a short time to the wrapping position from where the wrapping of the bale starts.

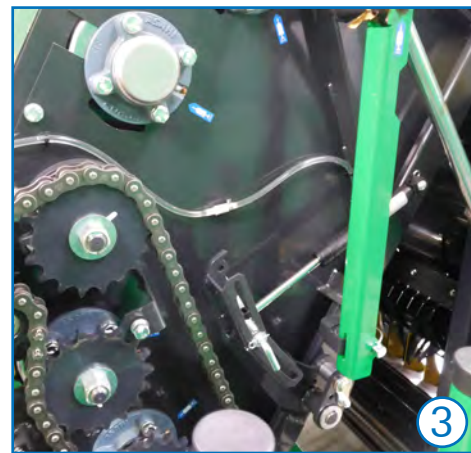
All this in one movement, in a very short time and in all circumstances.



Modern operator system

MidiBalers are equipped with a 7" full-color display. The entire process is displayed visually and with handy features like integrated camera(s) and operation of worklights.

The touchscreen in combination with the push buttons creates an intuitive interaction for the user with the machine.



Wide pick-up with crop roll and dropfloor

1 The 1.70 mtr. wide pick-up is designed to get the most out of the machine. The 4-row tinebar and a large crop roller provides a quick and clean pickup of the crops, even at high driving speeds.

Extremely robust drive system

3 Only a few robust drive chains on the MidiFix.

These reduce the required power, increase the reliability of the machine and reduce operating costs.

Extremely compact single-axle construction

4 The single axle construction with wide 500/50-17 flotation tires makes the machine extremely manoeuvrable and compact. Also in transport, the machine is very stable.

This makes working in small fields extremely enjoyable and easy.

Progressive bale pressure setting

2 When adjusting the bale compression setting, the kinematics of the gas cylinders changes and the bale density automatically increases. The system has 5 settings that can be easily mechanically adjusted.



AGRONIC MIDIVARIO II

The AGRONIC MidiVario II baler wrapper combination with a variable balechamber.

This machine meets all the requirements of your customers. With only one machine you can make bales in diameter of 88 up to 100 cm.

The setting of the balesize can be done in 4 different positions.



1 Film knives

The large-opening of the film knives are pressing the film into a bundle which is being severely and aggressively cut.

Always a perfect finish of the wrapped bale.



2 Camera system

The AGRONIC Mid-iBalers are standard equipped with a camera system that displays the images on the screen of the computer.

This can optionally be performed with a 2nd camera.



3 Bale rotation

Everywhere grip on the bale. The aggressive pipes in the balechamber ensures the bale to rotate under all conditions, even with very dry or wet silage.

All materials can be baled.



4 Extra film & net

For intensive working days, the machines are equipped with 2 film-holders on both sides of the machine.

In total, 12 film reels and 2 net reels can be installed on the machine.



5 Filmroll exchange

In order to change wrapping film easily, the machines have a button on the wrapper arm chassis to turn the wrapping arm in the right position for changing the film.

In addition, the wrapping cycles can be continued from there after changing the reels.



6 Pick-up

The AGRONIC MidiVario II is equipped with a 1.50 mtr. wide pickup.

Equipped with 4 tine bars and cutting system, this pickup ensures a smooth and clean infeeding of the crop.



The AGRONIC MidiVario is a machine that has proven its class on the market for quite some time.

However, the second generation MidiVario has been implemented with several new technologies, which has greatly increased capacity and ease of use.



ADDITIONAL OPTIONS

AGRONIC gives great importance to meet customers' expectations worldwide.

In order to meet all requirements and wishes, AGRONIC MidiBalers can be provided with additional options so that the machines perfectly fit in the work environment in which the performance needs to be delivered.

Bale sidetipper



By means of the sidetip the machine automatically unloads the bale on the side. The sides of the wrapped bale have multiple film layers, so damage should be prevented by a hard stubble.

Picking up the upright placed bale is done very quickly. The bales can be loaded from all sides.

PDH-10 additive dosing system



Fully automatic dosing system for adding silage additives during baling. Pump capacity 10 ltr./min.

Setting and controlled automatically by the AGRONIC MidiBalers computer.

Midi balehandler



With this balehandler, specially developed for logistics processing of midibales, you are sure of a fast and reliable processing of the wrapped bales.

The radius of the clamping arms is specially shaped according to the format of the AGRONIC midibales. For this, the bale does not deform and can be handled properly.

Central point lubrication system



Greasing bearings is extremely important for a long machine life.

With the help of a central point lubrication system, you can work fast and efficiently to assure for the right maintenance for high and long performance!



TECHNICAL DETAILS

Specifications

Dimensions & weights:

Transport length
Transport width
Transport height
Wheels
Weight

MidiFix

4.50 mtr.
2.65 mtr.
2.25 mtr.
500/50-17
2475 kgs.

MidiVario II

4.66 mtr.
2.76 mtr.
2.25 mtr.
500/50-17
2250 kgs.

Power required:

Tractor power required

70 Hp / 52 kW.

70 Hp / 52 kW.

Balesize & volume:

Baalsize (width x diam.)
Bale volume

85 cm. x Ø 90 cm.
0,55 m3

85 cm. x Ø 88-100 cm.
0,52 m3 - 0,67 m3

Pick-up:

Effective working width
Tine bars
Rotor with cutting system
Dropfloor

1.70 mtr.
4
Yes, 7 knives (selectable)
Yes

1.50 mtr.
4
Yes, 7 knives (selectable)
No

Attachment:

Tractor attachment
PTO

Linkage, CAT. II
540 rpm.

Linkage, CAT. II
540 rpm.

Hydraulic system:

Hydraulic connections

1x 1/2" & 1x 3/4" free return
Min. 25 ltr./min. oil

1x 1/2" & 1x 3/4" free return
Min. 25 ltr./min. oil

Electric system:

Electric connections
Operator system

12 volt DC
Electronic Control Unit

12 volt DC
Electronic Control Unit

Others:

Film stretch unit
Extra storage wrapping film
Extra storage net

2x 500 mm.
10 reels
1 roll

2x 500 mm.
10 reels
1 roll


CONTACT



Sales office

Gebr. Knoll, Baling & Wrapping
Oude Rijksweg 525a
7954 GL ROUVEEN
NETHERLANDS

Contact details:

 (+31) 0522 - 29 13 77

 info@gebrknoll.nl

 www.gebrknoll.nl

Your AGRONIC quality partner:

