

BAGMATIC N40

Automatic packaging and labelling system for semen doses



Technical concept

Equipment for automatic packaging and labeling of seminal doses with high precision and high performance (up to 1200 doses/hour).

Features

- Strong built with fiberglass structure and stainless steel for long service life. Its smooth maintenance-free mechanics and smooth lines design simplify cleaning and maintenance tasks.
- Large high-resolution display and intuitive interface. With illumination system for clear and visual indication of equipment status.
- High-performance and high-precision peristaltic pump that provides a high flow rate without contact with the liquid to avoid any contamination.
- Configurable to work with different bag formats and any volume.
- Built-in fixed Teflon for better circulation of the bags.
- Scale for automatic calibration (optional).
- RFID-ready (for smart labelling.)

* A compressed air supply is required for the operation of this equipment.

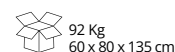
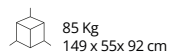
Benefits

- Improved labelling system integrated into the equipment simplifies the process and avoids errors.
- New smart sensors that detect a lack of liquid to avoid bag waste and other potential errors.
- New threading system for bags and filling needle, easier and faster.
- Easy and fast semen bag change, using the whole roll from the first to the last bag.



TECHNICAL SPECIFICATIONS

Power supply:	230-110 V
Frequency:	50 / 60 Hz
Rated power:	200 W
Pneumatic pressure:	5 - 6 bar
Working speed:	1200 pieces/hour
Maxium sealing temperature:	185 °C +/- 2°C
Bag capacity (with 1 roll holder):	1.250 piece roll
Label roll capacity:	1250 pieces
Approx. weight:	85 kg.
External dimensions (with roll holder):	149 x 55 x 92 cm



Complete **traceability** from before packaging to the arrival of the dose at the farm.

Before packaging:

Through the different methods of information collection (barcode reader, ethernet order or manual order), the device takes all the relative data of the batch to be packaged from Gesipor 360.

After packaging:

After packaging and thanks to a label with multiple configuration options, we obtain complete traceability of the dose.

The **labeling system** allows each dose to be individually identified with all relevant information, quickly accessible in case of need:

- Production Company
- Operating code
- Identification of the boar -or batch-,
- Bar code coding
- Breed, or genetic line
- Expiration date
- Customisation option.



Integrated with Gesipor 360 for easy traceability. Thanks to Gesipor management software you can integrate and automate all the processes involved in the production of seminal doses, with accurate traceability from extraction to the farm.



RTC is a set of quality control tools applied at a chemical and biological level by Magapor to its packaging materials to offer a product "safe for reproduction."

Such strict process guarantees a product controlled for Phthalates, Bisphenol A, Badge, Cyclic Lactone and PVC which could develop reprotoxic effects by migration to the semen dose.

Bagmatic N40 includes:

- A set of Allen [REF: 001342] and Torx [REF: 002201] keys.
- Mini flathead screwdriver [REF: 004078]
- Replacement blades for long die [REF: 002078] and short die [REF: 002079].
- Silicone filling tube 8X2,4mm (2 m) [REF: 001999], filling needle [REF: 004110] and filling weight [REF: 000562].
- Pneumatic tube 8mm (3 m) [REF: 003028], connector [REF: 001410] and fitting [REF: 003079].
- Electrical connection cable [REF: 002025]
- Zebra printer GK420 [REF: 001372] and labels [REF: 000086]

Not included:

- Bags
- Jug
- Bar code scanner
- Ethernet cable