



Masterprint bag feeder, printer and labeller



FEEDING BAGS • PRINTING • LABELLING, AND SORTING

Customized line for marking bags:
precise, fast, and can handle large volumes.

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➤ Feeding

Thanks to our many years of design experience, we have developed and manufactured a unique, automatic bag feeder that can be filled continuously. The capacity of the feeder cartridge is maximum 150 pieces, can be filled continuously. Bag height 380 mm – 550 mm, width 550 mm – 900 mm. The equipment feeds 1500 bags per hour.

➤ Labelling

The second step is the high-resolution printer: 2x Matthews VIAJet T100 printer or 2-3-4x Matthews L50 printer. This type of equipment represents state of the art technology with its exceptional printing resolution. With appropriate settings, it is capable of printing up to 100 m/minute. The smallest printed character is 2 mm, the largest is 100 mm, and the maximum printing height is 100 mm. Maximum printing distance is 6 mm.

➤ Optional configuration of labelling stations

1 Labeller

The pre-printed design and booklet labels are applied on the bags by the Novexx ALS 206 type industrial labeller using an easy-to-replace reel. It is capable of applying 30 metres of the 5-600 mm long labels per minute.

2 Printer and labeller

For printing and applying the pre-printed labels of strict accountability, we built in the Novexx ALX 735 high-performance printer and application system that delivers superior printing quality with intelligent variable data management.

3 Labeller

Equipped with an additional label applicator, the Novexx ALS 206 labeller applies the design label on the bag using air, rotated 90 degrees relative to travel direction.

A total of 5 labelling stations can be installed in a configuration according to client demand.

➤ Bag sorting unit

The final step in the process. As it is important that the operator can remove the printed and labelled bags in a sorted manner, we have developed a bag sorting unit equipped with a sensor that can be adjusted to bag size.

Related services

- 1 commissioning
- 2 validation
- 3 after sales support
- 4 service and maintenance contract

Specifications

User interface:
15" touchscreen monitor

Feeder:
automatic, continuous filling

Output:
1500 pcs / hour

Print height:
2 x 100 mm with T100 heads
1x50 mm, 2x50 mm, 1x100 mm, and
2x100 mm with L50 heads

Label width at labeller:
max. 150 mm

Label width at printer and labeller:
max. 125 mm

Network connection:
Gigabit Ethernet

Power supply:
3.5 kW
Nominal voltage:
3x16A 400VAC (3F+N+PE)

Compressed air:
6 bar
1800 litres/hour

Electrical cabinet:
PLC, safety loop, power supply units,
communication modules

Frame:
Powder-coated steel frame

Machine weight:
2.300 kg



Bag dimensions

Height 380 mm – 550 mm
Width 550 mm – 900 mm



550 mm – 900 mm

380 mm – 550 mm

MASTERPRINT JELÖLÉSTECHNIKA KFT.
PRECISE SOLUTIONS IN A PRECISE WORLD

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ISO 9001:2015

ISO 14001:2015

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Masterprint Kft. was established in 2007, and is now a major and leading labeling industry player in Hungary. The Company has sold systems and equipment to 18 European countries so far.

The Company is mainly engaged in the distribution of labeling technology equipment produced by leading manufacturers, which are able to operate at the most advanced technological levels, and to meet the highest quality standards. In addition to that, the Company maintains a continuous business relationship with all major local and global companies, thanks to its own in-house development projects, own product lines offered, and serialisation solutions.

Our skilled engineers and technicians design, manufacture, commission, operate and maintain systems in a custom-tailored manner. They do this on the basis of more than 20 years of experience and the integration of equipment from carefully selected suppliers into complete systems.

Our business covers all areas of the industrial marking activity:

- planning and design
 - production
 - marketing and distribution
 - operation
 - servicing
 - development of customized solutions
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