

Gaben

GBE - label applicator with an extensible bracket

The automated industrial label applicator with an extensible pneumatic bracket and print module Datamax-O'Neil is made on the basis of long-standing experience with plenty of improved modes and functions.

By production and projection of this new type of an applicator GBE the most up-to-date technologies and components were used, which will guarantee a long and smooth operation. Owing to the standard output signals it is quite easy to mount the applicator on new or existing production lines with their own control. The applicator is equipped with an efficient control terminal with extended alternatives of control and the applicator condition monitoring including connection to the company ERP.

The applicator construction

Sturdy aluminous boosted chassis with resistant cases creates a compact and functional industrial aggregate.

GABEN electronics – an innovated control card specially developed for a communication with superordinate systems and equipment.

Print module – for smooth operation and a long lifetime period.

FESTO, SMC pneumatics – all pneumatic components are of the highest technical level.

Application head – specially designed for label attaching with the possibility of application in any position with the accuracy up to 0,2 mm.

Information and navigation systems – a warning beacon and LCD screens notify the actual operation state of the applicator.

Optional equipment

RFID module – for writing data into chips with use of a SMARTLABEL

Camera systems – for control of an applied label

Bar code scanners or 2D code scanners – for control of legibility

SW corrections – dispatching of current data into superordinate systems.

Universal application

These solutions are manufactured to meet your requirements with the emphasis on the quality and subsequent security and full integrated automation of your production line with respect to all the label standards.

It applies labels on products and pallets in your production or logistic process.

We guarantee the **quality print** and **accurate application** of labels.

Print module

The applicator uses industrial print modules Datamax-O'Neil marked as A-Class or H-Class. The particular types vary in different configuration. The most frequent criterion preferred is the print quality, which differs from 200 up to 600 DPI and the measurements of the applied labels, which can differ from the size 9x9 mm up to sizes exceeding A4 formats.

Manufacture, support and service GABEN

GABEN company belongs to the leading domestic producers of these industrial systems with a long-standing experience and stable company background. At the same time GABEN is an authorized service partner of Datamax-O'Neil. We are certified by the quality control system in accordance with ISO 9001:2009 standard. Engineering department comprises of a team of qualified developers and experienced technicians with high level expert and professional knowledge and skills.

For the applicators a non-stop technical support has been provided with the alternative of an instant service intervention 7x24 (7 days a week, 24 hours a day).

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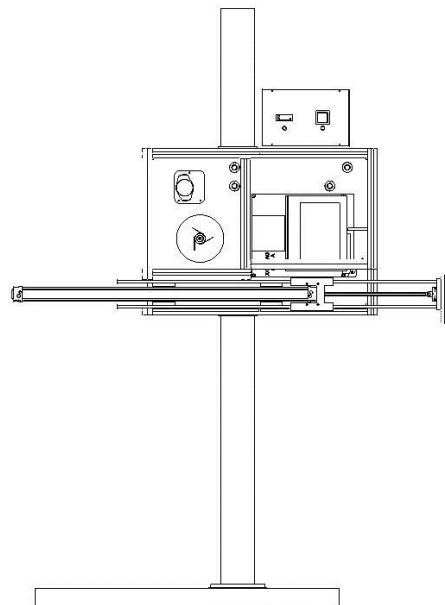


RFID !!!

Technical specification

General information:

Type:	a piston applicator with GBE label printing
Control unit:	GABEN GBE, Terminal GB200x
Version:	right or left
Extensible bracket:	length 10-1300 mm
Rotary bracket:	angle of an application at max. 160°, length at max. 1300 mm
Type and size of the medium:	stick-on labels in rolls, 9x9 mm up to 210x297 mm
Application head:	flat or textured*
Air pressure:	4 bar <, max. 50 l/min
Operating temperature:	0° C up to 38° C
Power supply:	220 V, 50 Hz
Dimension:	800 x 530 x 440 mm*
Weight:	30 kg (according to the version)*
LCD screen:	display of error announcements, warning signal head
Interface:	RS232, RS422, RS485, USB, Centronics, Ethernet



* The applicator is manufactured in accordance with the customer's requirements for a particular types of applied and labelled products, this is why the technical specification may be varied from the specific piece and version. The particular cycle of the application and its length are dependent on the way of application, label size and further user demands (camera control of the product, reading up of the bar code after the application and so on). In respect to the used technology the interval between the application can be at minimum 2 s and longer.

Print module:

Model A-Class	A-4212	A-4310	A-4408	A-4606	A-6212	A-6310
Printing quality						
(DPI)	203	300	406	600	203	300
Max. print width						
(mm)	104	105.7	104	105.6	168	162.6
Max. print speed						
(mm/sec.)	304	254	203	152	304	254
Label size						
(mm)	25-118			50-170		

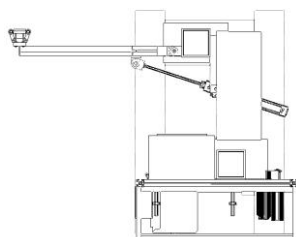


Model H-Class	H-6212	H-6310	H-8308
Printing quality			
(DPI)	203	300	300
Max. print width			
(mm)	104	105.7	168
Max. print speed			
(mm/sec.)	304	254	203
Label size			
(mm)	167.9	162.6	216.4

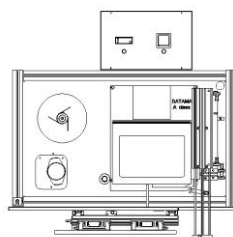


Potential alternatives:

Side application (floor projection)



Upper application



Side application

