

ALPHA COMPACT

Compact label applicator for applying pre-printed labels

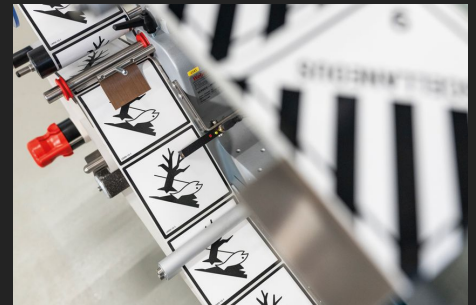
- + Dispensing cycle rate up to 600 labels/min
- + Label size min. 10 x 20 mm, max. 150 x 300 mm
- + Integrated controller saves space
- + Automatic detection of missing labels (skip function)
- + Quick change of the label size



APPLY PRE-PRINTED LABELS QUICKLY AND PRECISELY

The Alpha Compact is a powerful label dispenser for precise application of pre-printed labels. It is ideally suited for a wide range of products and packaging – whether in industry, logistics, or retail. Thanks to the integrated controller, the system is particularly space-saving, while labeling parameters, sensor calibration, and operating functions can easily be set via USB or an optional control panel.

The modular design allows for individual adaptation to production lines, with various applicators available. With cycle rates of up to 600 labels per minute and high dispensing accuracy, the Alpha Compact ensures efficient and reliable labeling – even in continuous operation. Robust mechanics, easy operation, and versatile interfaces make it the perfect choice for demanding applications.



APPLICATIONS



ALPHA COMPACT

SPECIAL FEATURES



INTEGRATED CONTROLLER AND EASY OPERATION

In the Alpha Compact, the entire control electronics are space-savingly integrated into the compact housing. This eliminates the need for external control units, reducing wiring effort and making integration into existing production lines easier. At the same time, connection options are available for an optional HMI display as well as an I/O interface. This allows the system to be operated intuitively, commissioned quickly, and run reliably in everyday use.



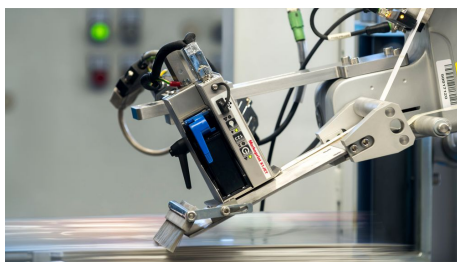
FLEXIBLE CONFIGURATION VIA USB

The configuration of the Alpha Compact is designed to be particularly user-friendly. Via the USB connection, all labeling settings – such as start and stop functions, single-label feed, speed adjustment, or sensor calibration – can be transferred quickly and easily. Parameters can conveniently be stored or loaded on a PC, making it ideal for frequent product changeovers, centralized control, or status reporting during operation.



HIGHEST APPLICATION PRECISION

The Alpha Compact impresses with its dispensing accuracy, ensured by an intelligent combination of automatic calibration and advanced label detection. This guarantees reliably precise results even at high cycle rates. These features make the system the ideal solution for applications where maximum accuracy and consistent quality are essential.



EXPANDABLE

If required, the label dispenser can easily be expanded with additional modules. A particularly practical option is the integration of an inkjet printer to apply variable data such as batch numbers, expiration dates, or barcodes directly during the labeling process. This creates customized complete solutions that offer maximum flexibility and can be ideally adapted to growing production requirements.

ALPHA COMPACT

TECHNICAL SPECIFICATIONS

APPLICATION DATA

Label position	Side; Top; Front; reverse side; Bottom
Labeling mode	in stop mode; throughfeed ^❶
Label application rate max.	600 l/min
Positioning accuracy (+/-)	0.8 mm
Product speed up to	70 m/min
Label size min. (WxL)	10 x 20 mm
Label size max. (WxL)	152 x 300 mm
Label roll diameter max.	300 mm
Label roll core diameter (optional)	40 mm

❶ Depending on the selected applicator

FEATURES

Mounting orientation independence	yes
Label unwinding	Passive
Label rewinding	Mechanically coupled
Label shortage warning	optional
Web break detection	optional

HMI

HMI version	Touch display
-------------	---------------

PHYSICAL ASPECTS

System dimensions (HxWxL)	617 x 319 x 721 mm
Weight	22 kg ^❶
IP ingress protection	IP 40
Approvals	CE
Rel. humidity non-condensing	20 - 90 %
Ambient temperature	10 - 38°C
Noise level	70 dB ^❷

❶ depending on the version ❷ A-weighted sound pressure level

CONNECTIONS

Supply voltage	90 - 240 V
----------------	------------

ALPHA COMPACT

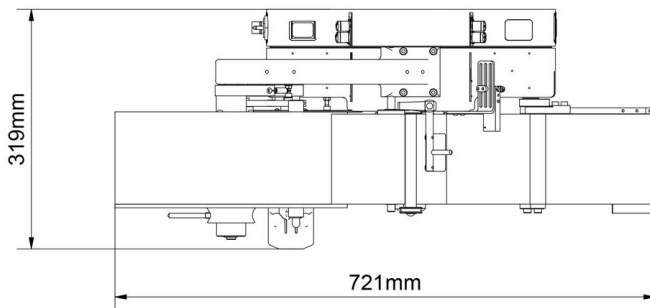
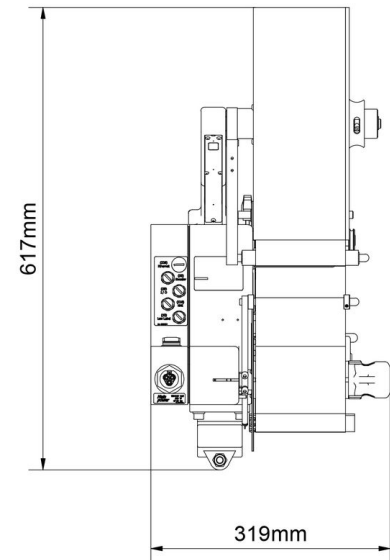
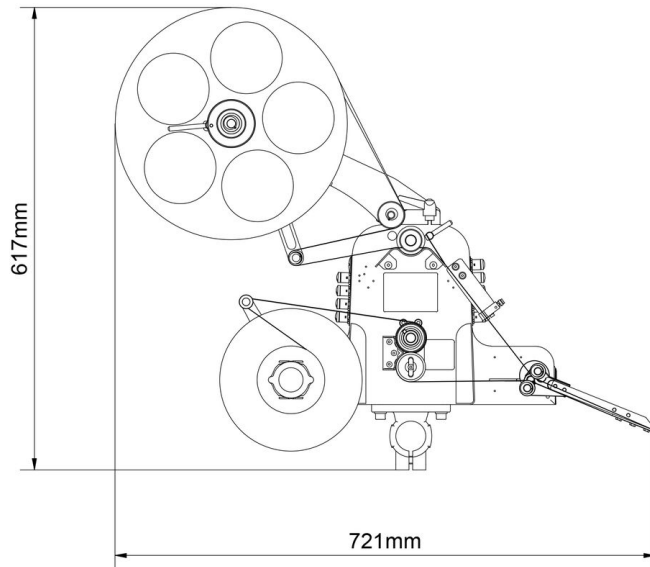
CONNECTIONS

Mains frequency	47 - 63 Hz
Current	2 A
Compressed air connection	6 bar ^❶
Interfaces	USB

❶ optional for pneumatic applicators

ALPHA COMPACT

TECHNICAL DRAWINGS



ALPHA COMPACT

APPLICATOR OPTIONS

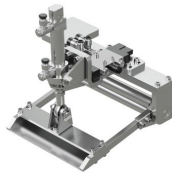


WIPE-ON DISPENSING TONGUE, RIGID

Universal Wipe-On peeler blade for precise labeling



Function	Wipe-On
Drive concept applicator	Rigid, mechanical pendulum type



WIPE-ON DISPENSING TONGUE, PNEUMATIC

Robust pneumatic Wipe-On peeler blade with variable extension length



Function	Wipe-On
Drive concept applicator	Pneumatic



TBM APPLICATOR

Compact linear applicator for very high cycle speeds

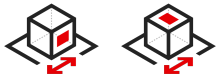


Function	Blow-On, Tamp-On
Drive concept applicator	Pneumatic
Dispensing stroke length	25 mm - 50 mm



EL APPLICATOR

Purely electric linear applicator for fast labeling



Function	Blow-On, Tamp-On, Wipe-On
Drive concept applicator	Stepper motor
Dispensing stroke length	250 mm - 450 mm



KR APPLICATOR

Compact, precise linear applicator for tight installation spaces



Function	Blow-On
Drive concept applicator	Pneumatic
Dispensing stroke length	100 mm - 400 mm



HS APPLICATOR

Compact high-speed linear applicator for the shortest cycle times



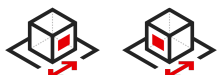
Function	Blow-On
Drive concept applicator	Pneumatic
Dispensing stroke length	50 mm - 100 mm

ALPHA COMPACT



ES APPLICATOR

Compact rotary applicator with electric drive



Function	Blow-On
Drive concept applicator	Stepper motor
Rotation arm length	250 mm - 400 mm

ALPHA COMPACT



YOUR RELIABLE PARTNER

+ PERSONAL POINT OF CONTACT

Your personal point of contact from our team will listen to you and explain the options.

+ MADE IN GERMANY

With our Made in Germany production, we guarantee quality and availability.

+ APPROPRIATE SOLUTION

We develop the optimal solution for your requirements, independently of technology.

+ SEAMLESS SERVICE

Our comprehensive service network is always on hand to help.

+ REGIONALLY ROOTED, GLOBALLY CONNECTED

As a family-owned company with branches worldwide, customer relations are always our top priority.

Weber Marking Systems GmbH

Maarweg 33 / 53619 Rheinbreitbach
T +49 (0)2224-77 08 0 / info@webermarking.de
weber-marking.com

ทอมโก้ อันดับหนึ่งเรื่องเครื่องพิมพ์วันที่
ด้วยประสบการณ์มากกว่า 36 ปี



Tomco Automatic Machinery Co., Ltd.



www.tomco.co.th



@Tomco



02-451-1330



sales@tomco.co.th

WEBER
MARKING SYSTEMS

MADE IN

GERMANY