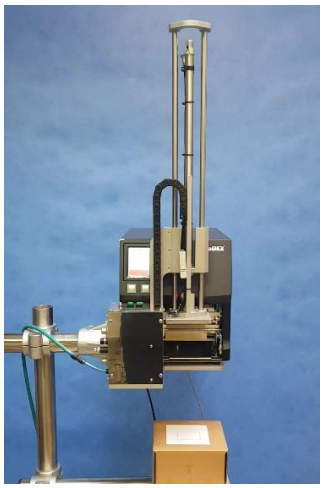
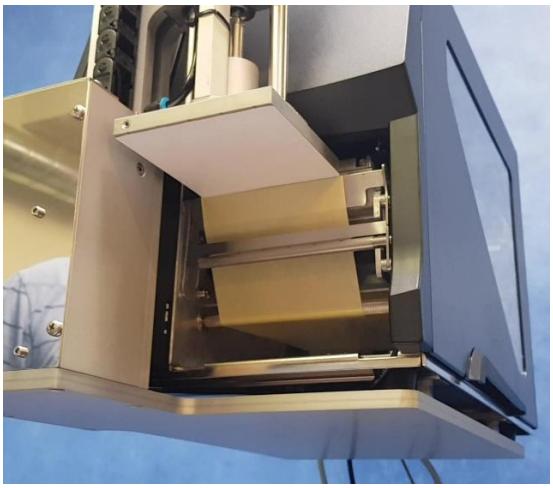
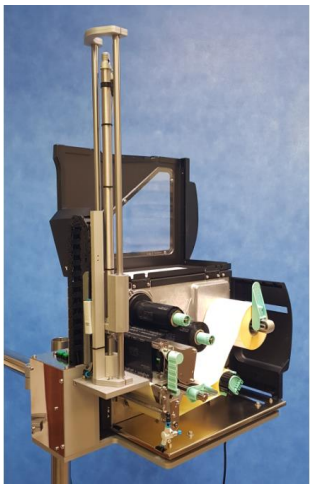
Product Specifications

GoDEX AG4000T Print&Apply solutions

Article no. AG-4000-100000

Description:

The **AG4000T** line is our new range of on-demand print & apply solutions.

Each unit incorporates an industrial **ZX1000i** or **ZX1000Xi** printer and a high-end air driven tamp applicator, enabling you to attach unique information to each single product coming down the production- or packaging line.

AG4000's are affordable and extremely easy to install, operate and maintain. They will print and apply labels from 20x20mm up to 110x200mm in intermittent conveyor and robotised systems, in manual workflows and onto continuously moving items. The standard configuration of the **AG4000T** delivers an effective stroke of 250mm (total stroke 400mm) and the long stroke version delivers 450mm (total stroke 600mm). Options such as blow-on, roll-on and suspended heads, are available to tune the **AG4000T** to your application.

The applicator is very compact, comes standard with an air filter/separator and three external connectors: AUX (signal exchange with auxiliary system), PRINTER (signal exchange with the printer) and LIGHT (alarm light connector).

The device has an extra internal port to connect options like a proximity sensor for use in blow-on applications and alike.

The **AG4000T** can be operated in various modes, each allowing different patterns of communication with external PLC's and data exchanges with IT systems.

Technical Data:

Std. head sizes 60mm x 60mm / 100mm x 100mm
Opt. head sizes 20mm x 20mm up to 110mm x 200mm
Standard Stroke 400mm (250mm effective)
Optional Stroke 600mm (450mm effective)
(The effective stroke determines the maximum allowed height difference between the products in one production batch)
Label sizes min 20mm x 20mm, max 100 x 200mm
Label roll diameter 200mm standard inside the printer / 280mm optional with external holder
Performance* up to 30 labels/minute of 100mm x 100mm at an effective stroke of 250mm
up to 60 labels-minute of 20mm x 20mm at an effective stroke of 10mm
Compatible printers ZX1200i (203dpi) / ZX1300i (300dpi) / ZX1600i (600dpi)
ZX1200Xi(203dpi) / ZX1300Xi (300dpi)
Required printer options rewinder 031-Z2i005-000, applicator interface GP-031-Z21003-001
Required air pressure 5-6 bar
Supply voltage 230V (110V on request)
Options: application heads of up to 20x20mm and 100x200mm, external label roll holder for rolls up to 280mm diameter, roll-on application head, touch sensor-controlled application head, PNP photo sensor, heavy duty floor stand, positioners, tubes and joints to create a ready-to-use system. See our AG2000 & AG3000T catalogue for details.
Recommended stand configuration:
AG-2000-123322 demountable heavy duty floor stand, *AG-2000-110112* 50x3mm tube 700mm, *AG-2000-110106* 90˚clamp Ø 50mm for use with positioners, horizontal positioner *AG-2000-110110* and machine clamp *AG-2000-110-108*.
Weight (excluding stand assembly):
T.B.A.
Dimensions (excluding stand assembly):
T.B.A.
Certifications The AG4000T will meet the CE standards for electrical equipment.

)*: the process speed depends on variables such as label size, the type and source of the data processed, stroke length (product height), required product contact time and conveyor speed.

Contact: