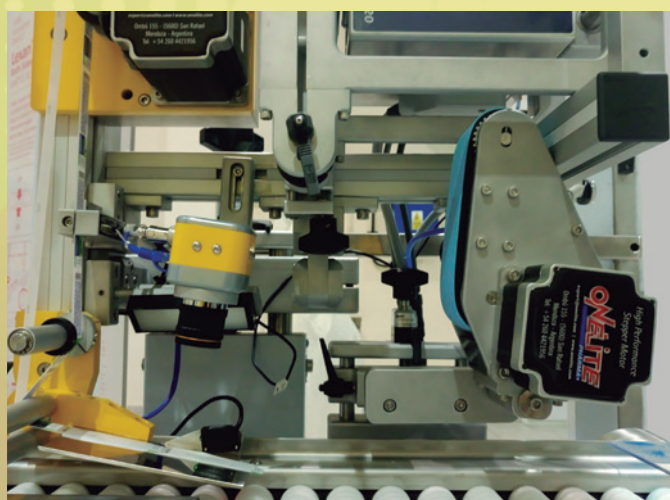# AR-FARMATUB

Labelling machine for vials with print and check system.

Automatic labelling machine with manual feed for the application of self-adhesive labels on cylindrical products (vials and syringes) in horizontal position. These labels can be **printed and verified** in the same equipment including a **rejection station** for non-valid units.

The equipment includes the codification and verification system by OCR (**ONELITE Print and check module**). Provided with industrial thermal transfer printer, allowing the OCR printing on labels before application; an inspection camera for the verification of printed information and the rejection station for the labeled products with misinformation. Loading of products is manually at the income of the machine as well as the outcome when the product is processed.

The AR-FARMATUB requires minimum space for placing and functioning. Also offers an easy way to operate by the **HMI control panel 15" touchscreen**, which coordinates the machine and the labelling, printing and verification system, obtaining a central database for the backtracking of every product. It allows saving programs with the specific configuration of every product, user administration based on user levels with different access level always username and password required, registry of events, maintenance options on screen and backup system in line with CFR 21 part 11 (FDA) and GAMP5 (ISPE).

Outstanding features

- Provides complete coordination between the camera, printing head, labelling and rejection control.
- Simple adjustment for placing the labeling head for a variety of vial sizes.
- Quality control of computerized system according to guidelines given by GAMP 5 (ISPE) and 21 CFR Part 11 (FDA).
- Automatic synchronization of speed for engines in continuous mode.
- Single characters of overprint control system OCR (Optical character recognition).
- Rejection station for labeled vials with misinformation.
- Minimum space required.
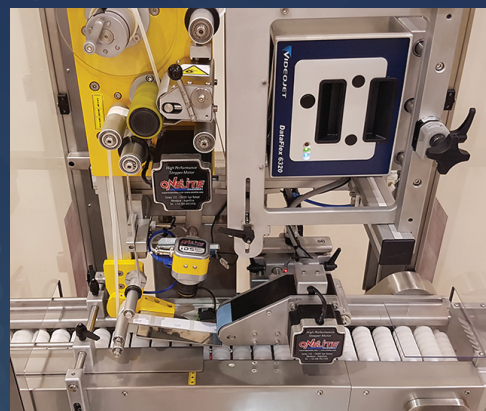
TOP AND FRONT LAYOUT
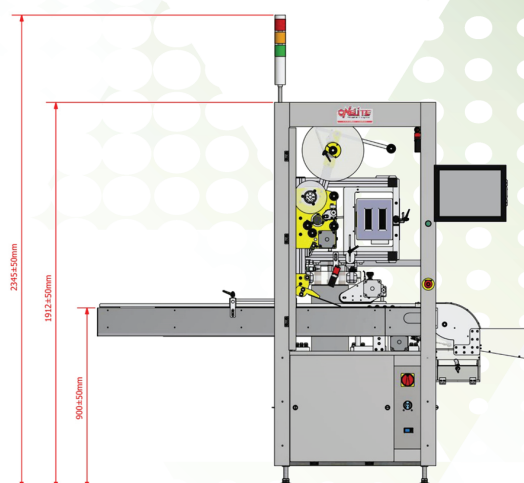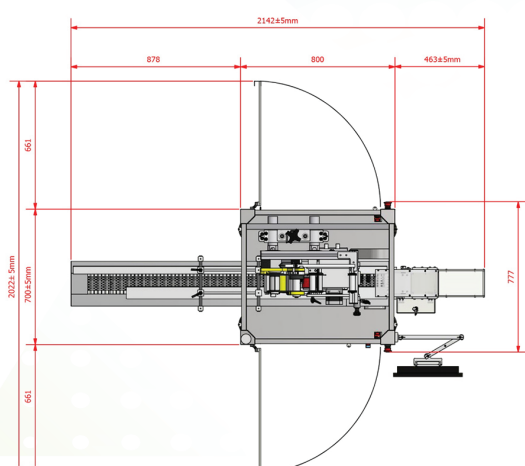
AR-FARMATUB Technical Data

Dimensions		2145 x 780 x 2345mm (Length x width x height)
Weight		350 Kg
Voltage		110V/220V + T / 50/60Hz
Installed power		1 KVA
Compressed air		6 bar (87 PSI)
Noise level		< 80 dB (A)
Production capacity		Max. 10.000 products/hour*
Speed range		2 - 6 meters/minute
Admissible bottle size	Vials	Diameter: 14 – 26mm / Length: 38 – 65mm
	Syringe	Diam.: 14 – 26mm / Tot. Length: 60 - 100mm / Max. length of finger flanges: 6mm
Admissible Labels		Width: 25 – 60mm / Lenght: 15 – 75mm
Printing area (Height)		TTO (32 x 68mm) TIJ (12,7 mm)
Printer		Thermal Transfer Overprinting (TTO) Thermal Inkjet (TIJ) (Opcional)
Camera		High Resolution

* The equipment speed is adjustable reaching maximum production of 10.000 units/hour, but it will be limited to the feeding speed by the operator since is manual loading.