ONELITE® PHARMA+

www.onelitepharma.com

ONE -TRACE

Serialization Module for drugs traceability.

Electromechanic equipment designed to serialize carton cases in compliance with traceability requirements of pharmaceutical products.

The serialization machine ONELITE ONE-TRACE incorporates Inkjet thermal transfer printer (TIJ), capable of printing alphanumeric digits as well as linear and 2D barcodes like GS1 DataMatrix mainly for pharmaceutical application.

The artificial vision system performs the verification of printed data by quick images captures, using lenses with vision tools for 2D and OCR (Optical Character Recognition) / OCV (Optical Character Verification) codes, and integrated led lighting. It is also possible to carry out safety verification by crossing obtained data between readable texts and 2D codes to ensure data integrity.

The equipment has a main conveyor and an upper stabilization belt, both in perfect synchronization and powered by stepper motors, adjustable for a wide variety of carton sizes, assuring a proper movement of the product, free of vibrations in a broad range of speeds.

The ejection system removes any unreadable or incorrectly printed code to a rejection drawer, verified the correct entry with an input sensor.

All system of ONELITE ONE-TRACE are powered by steppers motors, commanded by high-resolution drivers allowing a perfect synchronization.

The ONELITE VISION traceability system allows to process batches of medicinal products creating unambiguous codes, according to GS1 standard recommendations, for each unit. At the same time, the system creates a database of easy viewing, with restricted access depending of user level according the security required for that information, in conformity with CFR 21 part 11 (FDA).

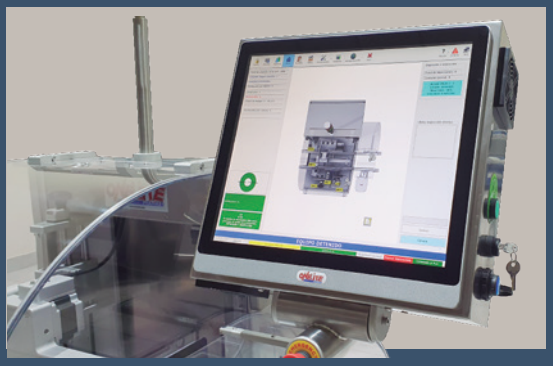
Enclosure structure manufactured with high transparency polycarbonate allows visualizing the work area and guarantee the machinery operator safety. Security system stop equipment immediately when the cabin is opened during machine operation.

Outstanding features

- Main structure manufactured in stainless steel and anodized aluminum.
- Main conveyor and Upper stabilization belt synchronized, ensuring precision in the transport of the cases.
- Electromechanic ejection system (AIRLESS) with rejection drawer. Optional.
- Panel PC (HMI) 19 inches touchscreen.
- Enclosure structure manufactured with high transparency polycarbonate allows visualizing the work area.
- Security system that stop equipment immediately when the cabin is opened during machine operation.
- Display and download of production reports.
- Connection ports USB, ETHERNET.
- Fast machine setup and startup for a wide variety of carton sizes.
- Inalterable Event log (Audit Trail).
- Quality control of computerized system according to guidelines given by GAMP5 (ISPE) and 21 CFR Part 11 (FDA).

Automatic cases separator

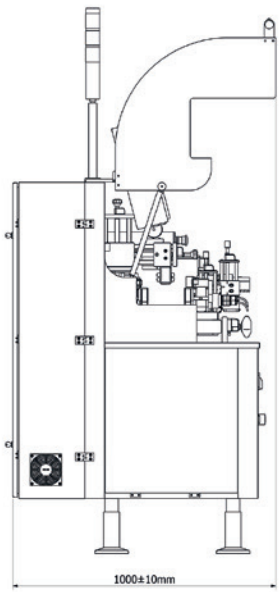
Electromechanic cases ejector

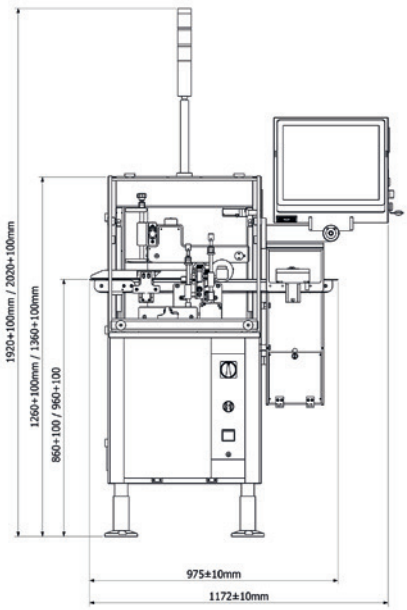


Touchscreen Panel PC 19”

Integration with drug traceability system

Technical Data ONE-TRACE





Dimensions		L: 1172 mm W: 1000 mm H max: 2120 mm		
Working height		**Without extensors**	**With extensors**	
		860 - 960 mm	960 - 1060 mm	
Weight		250 Kg (551 Lb)		
Voltage		220 V + T / 50Hz		
Installed power		0,25 KVA		
Compressed air		---		
Noise level		50-70 dB(A)		
Production capacity		200 cases/minute		
Speed range		10 – 40 meters/minute		
Admissible cases	**Length**	55 mm – 190 mm.	**(B)**	
	Height	15 mm – 100 mm.	**(H)**	
	Width	30 mm – 170 mm.	**(A)**	
Printing area (Height)		12.7mm		
Printer		Thermal Inkjet (TIJ)		
Camera		High Resolution		

**Depending on the acquired version of the ONE-TRACE, the production can reach 200 units/minute maximum, for cartons which width is equal or lower than 80 mm. For wider cartons, maximum production may be affected.