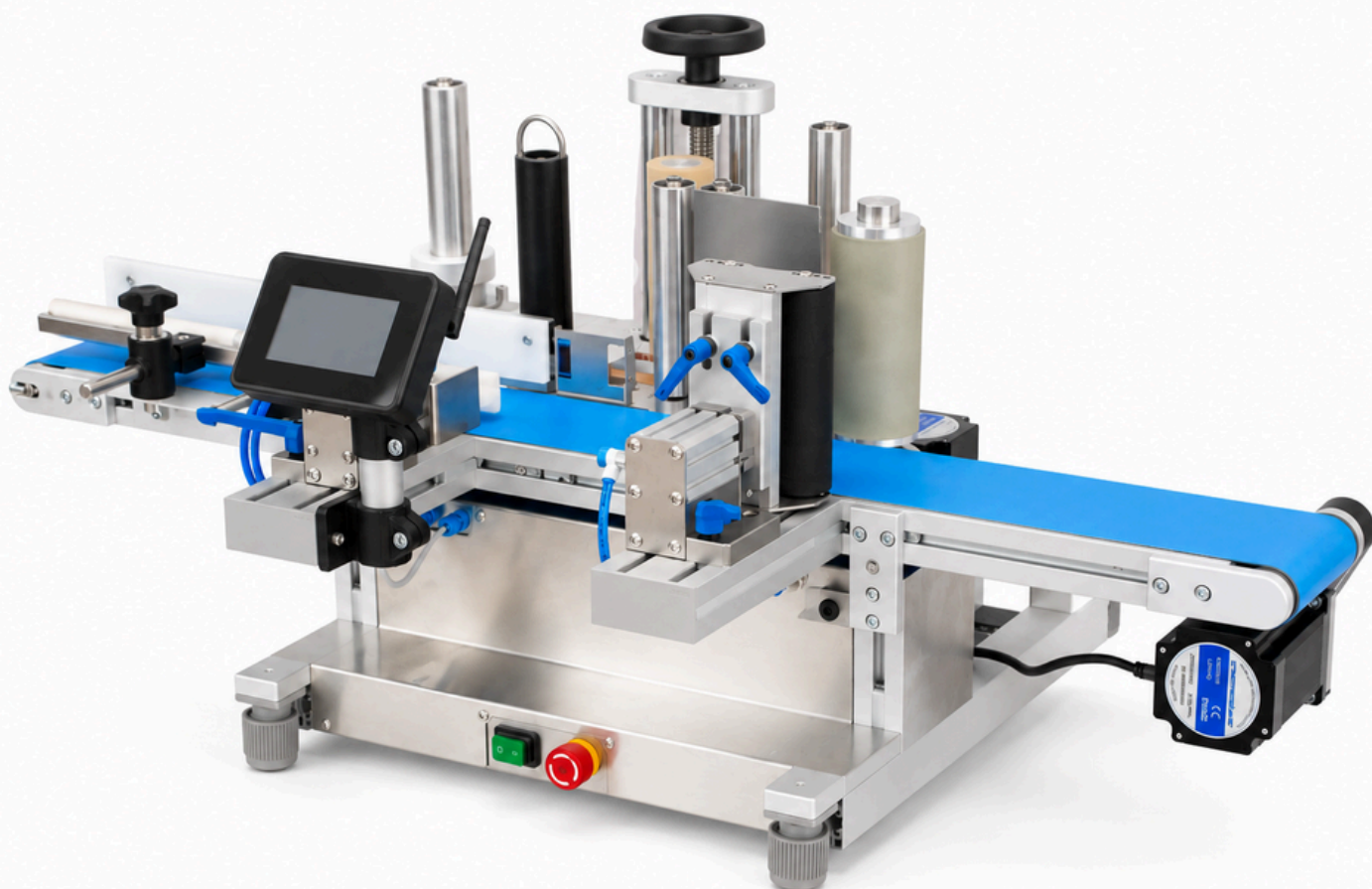




X50

Modular tabletop labeling machine Datasheet

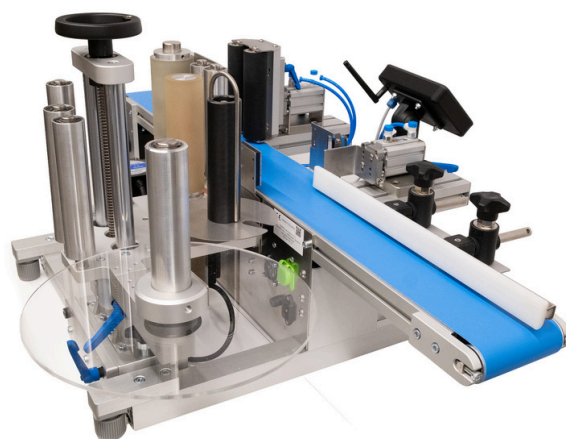
Version 1.1

Issue date: 01 August 2026

Company details:
Onitex Automation d.o.o.
Via degli Artigiani 7
6000 Koper-Capodistria, Slovenia
VAT: SI 18000274

X50

TABLETOP WRAP-AROUND LABELLING MACHINE FOR CANS, BOTTLES AND JARS



Industrial labelling performance in a compact tabletop machine.
Designed for fast setup, simple operation and frequent product changeovers.

- **LABEL PLACEMENT ACCURACY: UP TO ± 1 MM**
- **TYPICAL CHANGEOVER TIME: APPROX. 3 MIN**
- **OUTPUT: UP TO 1,800 CONTAINERS/H**

SPECIFICATIONS

Performance & Application

- Label placement accuracy: ± 1 mm*
- Labelling speed: up to 1,800 pcs/hour*
- labelling modes: wrap-around, two labels from one roll, optional positioned labelling
- Suitable for round containers
- Container diameter: $\varnothing 25$ –110 mm

Basic Machine Configuration

- Onitex VA-100 control system with HMI
- 1.1 m belt conveyor
- Stepper controlled wrapping module

Label Parameters

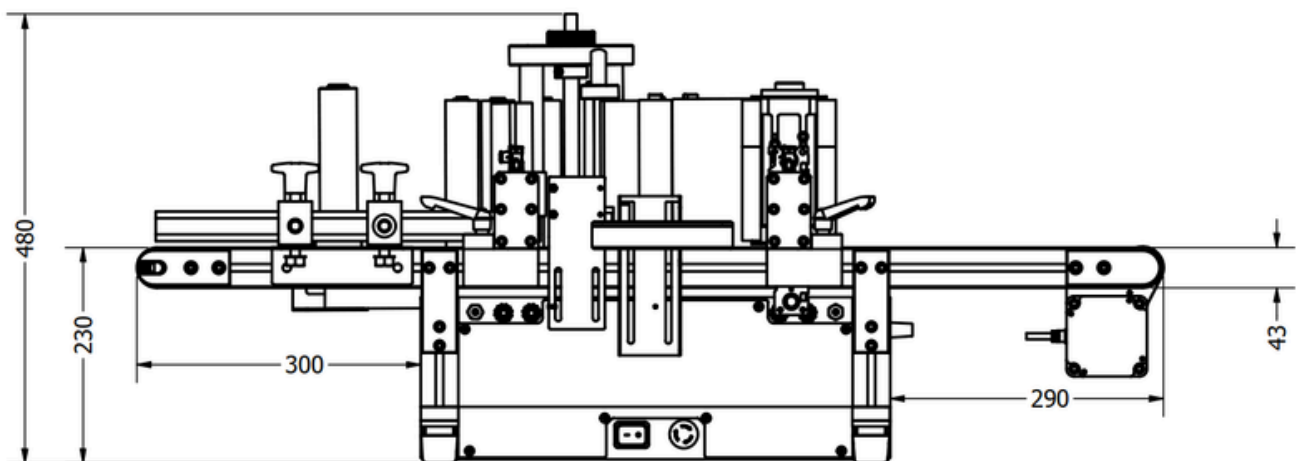
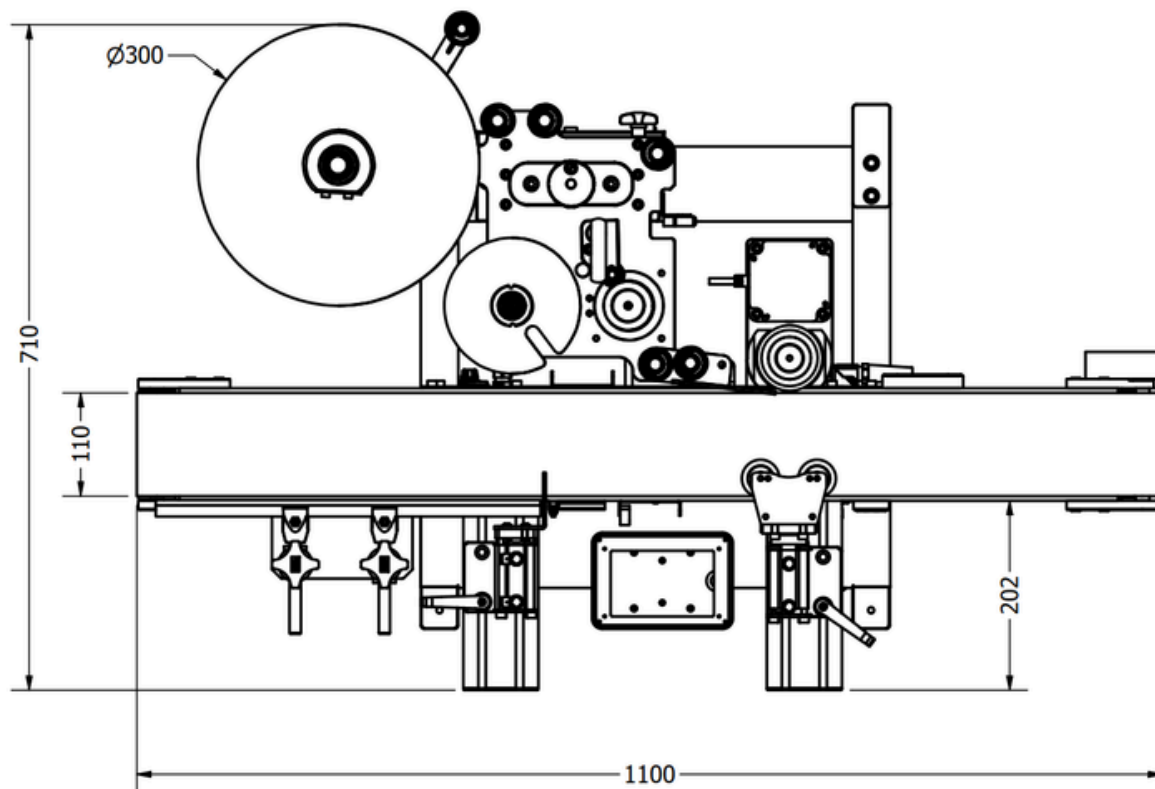
- Label height: up to 150 mm
- Roll diameter: up to $\varnothing 300$ mm
- Roll core diameter: $\varnothing 76$ mm; $\varnothing 40$ mm optional
- Standard optical label sensor
- Transparent label sensor optional / required for clear film labels

Utilities

- Power supply: 100–240 V AC
- Power consumption: ≤ 0.2 kW
- Compressed air supply: 5–8 bar
- Maximum air consumption: ≤ 15 NI/min
- Machine dimensions (L x W x H): 1,100 x 710 x 480 mm
- Weight: approx. 45 kg

*Actual performance depends on container geometry, label dimensions and material, product stability and machine configuration.

TECHNICAL LAYOUT



APPLICATIONS



Application examples are illustrative. Final suitability depends on container geometry, dimensions, stability and label specification.

FOOD & SPECIALTY PRODUCTS

For small food producers working with oils, sauces, spices, jars and tins. Helps keep label placement consistent across short runs and changing product formats.



Spice jar
Glass, 60 g



Supplement bottle
HDPE, 60 caps



Olive oil bottle
Glass, 500 ml

COSMETICS & HOUSEHOLD

For cosmetic, personal care and household products where label appearance matters. Suitable for cylindrical bottles, jars, droppers and spray packaging, depending on shape and label size.



Shampoo bottle
PET, 300 ml



Cosmetic jar
Plastic, 50 ml



Spray bottle
PET, 500 ml

BEVERAGES

Bottles, cans and small beverage batches — from craft beer and kombucha to wine, spirits and specialty drinks. Ideal for producers with multiple SKUs, seasonal products or frequent label changes.



Beer can
Aluminium, 330–500 ml



Wine bottle
Glass, 750 ml



Beer bottle
Glass, 330–500 ml

POSITIONED LABELING & RELABELLING

For labels that must be applied at a defined position relative to a seam, barcode, existing label or other packaging feature. Suitable for compliance, local-language and import relabelling with the optional orientation module.



Local compliance label
Aluminium, 330–500 ml



Aerosol can
Metal, 400 ml



Small glass vial
Glass, 10 ml

AVAILABLE OPTIONS

The X50 can be configured according to the product and workflow. Options are selected only when required by the container, label, coding or handling process.

#	Option description
1	Feeding rotary table
2	Collecting rotary table
3	Additional roller kit
4	TIJ coding system, ½" (12.7 mm) print height
5	TIJ coding system, 1" (25.4 mm) print height
6	Barcode-based product orientation module
7	Colour/contrast-based product orientation module
8	Overflow sensor
9	Transparent label sensor
10	Industry 4.0 module (Ethernet)
11	Floor frame
12	Integrated capping module (servo capping head)

EXAMPLE CONFIGURATIONS

#	Item description
1	X50 for transparent labels For working with transparent film labels.
2	X50 + Coding 1/2" For producers who need batch/date/lot printing
3	Relabelling station (barcode orientation) For applying additional or compliance labels at a defined position relative to an existing barcode (imported product, additional stickers, compliance labels, etc.)
4	X50 + Collecting Table For a more continuous production process