

## Introduction

This ready-to-use control unit for labelling machines includes a Vectorial Stepper Drive Titanio Series which guarantees precise, smooth and silent movements to your machines.

LabCon01	Digital inputs	Digital outputs	Analog inputs
	12	10	2

It has a touchscreen interface for the configuration and setting of the parameters of work, providing up to **50 recipes**.

It can be customized using our e3PLC IDE, a fast and intuitive programming environment, which in turn integrates the tested Labelling\_realtime Module, developed specifically for the control of labelling machines.

Supported by a good mechanics and a good motor (we can supply motors in addition, too), it can reach up to 80 mt/min.

## Functions

- **Label positioning error:**  
< 0.5 mm.
- **Perfect synchronism:**  
between speed/position label and speed/position product, even in case of abrupt variations of product's speed.
- **Label size:**  
available to automate format change.
- **Issue of double label with different format:**  
label and back label with perfect adjustment of the distance between the two labels.
- **Missing label recovery:**  
with lack report.
- **Software filters:**  
for the easy management of particular products and labels.
- **Easy customization of the application:**  
to allow the management of various accessories such as printing devices, print control, pneumatics etc.
- **Print trigger and pneumatic management for print & apply applications**

## Control unit for labelling machines



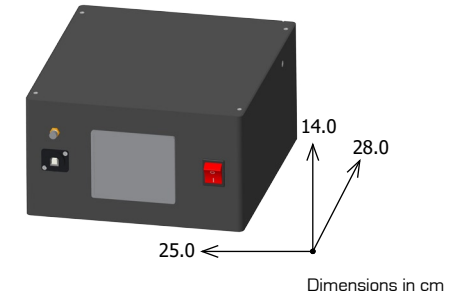
# LabCon

Ready-to-use solution including software that integrates all the functions for the handling of labeling heads which can be applied to linear and rotary labelling machines

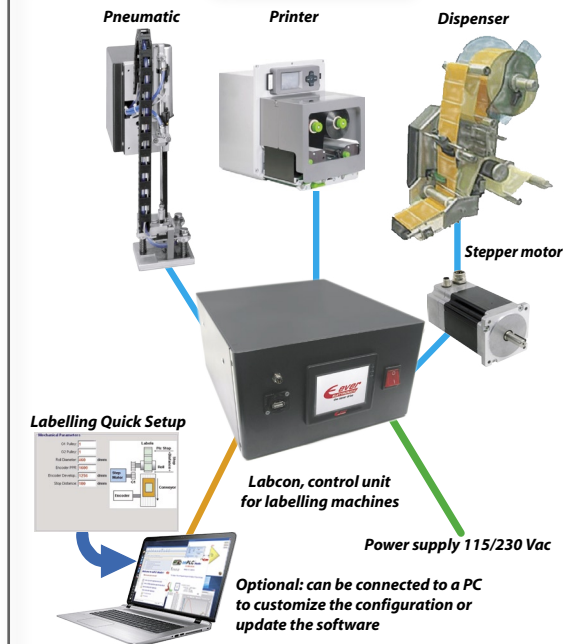


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## Mechanical data



## Connections



## Recommended motors

Performances	Control loop	Motor
up to 25 mt/sec	open loop	MT34HE26 (holding torque 3.4 Nm min.)
up to 50 mt/sec	open loop	MT34HE38 (holding torque 7.0 Nm min.)
up to 80 mt/sec	open loop	MT34HE47 (holding torque 9.0 Nm min.)