

# botlr

## User Manual





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- One label application machine = Botlr
- Power supply & Power cord

## SPECIFICATIONS

### Machine dimensions:

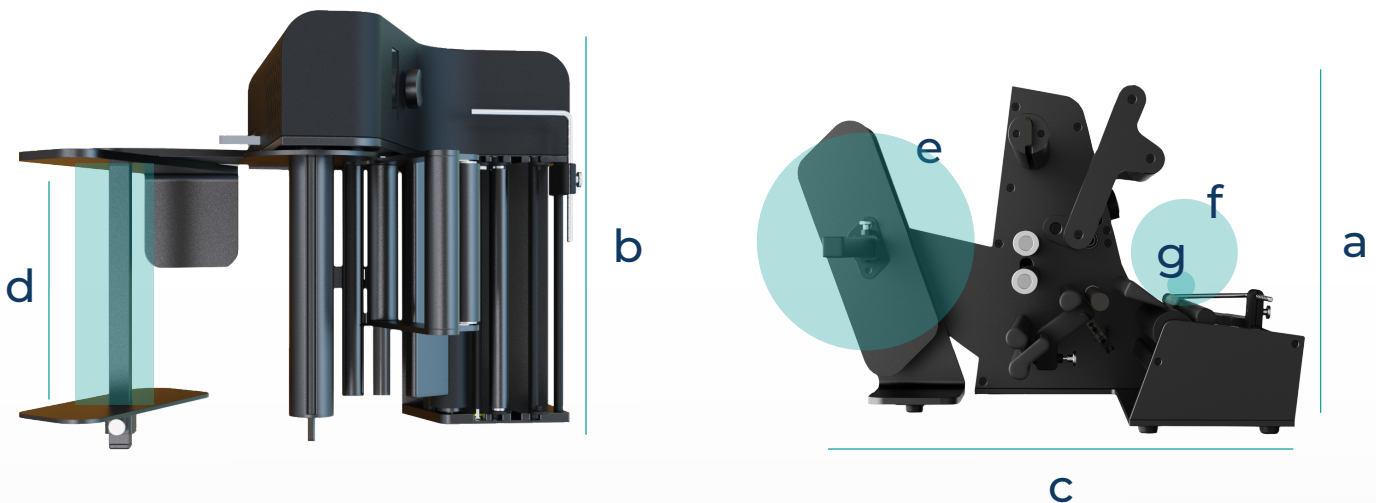
height (a)  
364mm  
width (b)  
376mm  
depth (c)  
533mm  
weight  
14kg

### Label roll dimensions:

max label roll width (d)  
240mm  
max label roll diameter (e)  
300mm  
max roll weight  
6 kg

### Bottle dimensions:

max bottle diameter (f)  
120mm  
min bottle diameter (g)  
13 mm



## MACHINE ADD-ONS

### Laser tool p22

When a label needs to be applied on a specific spot on the bottle (on a recess, covering an older label,...) it is possible to add a laser to the machine.

This extra tool, easily mounted on the machine, projects a laserline on the bottle.

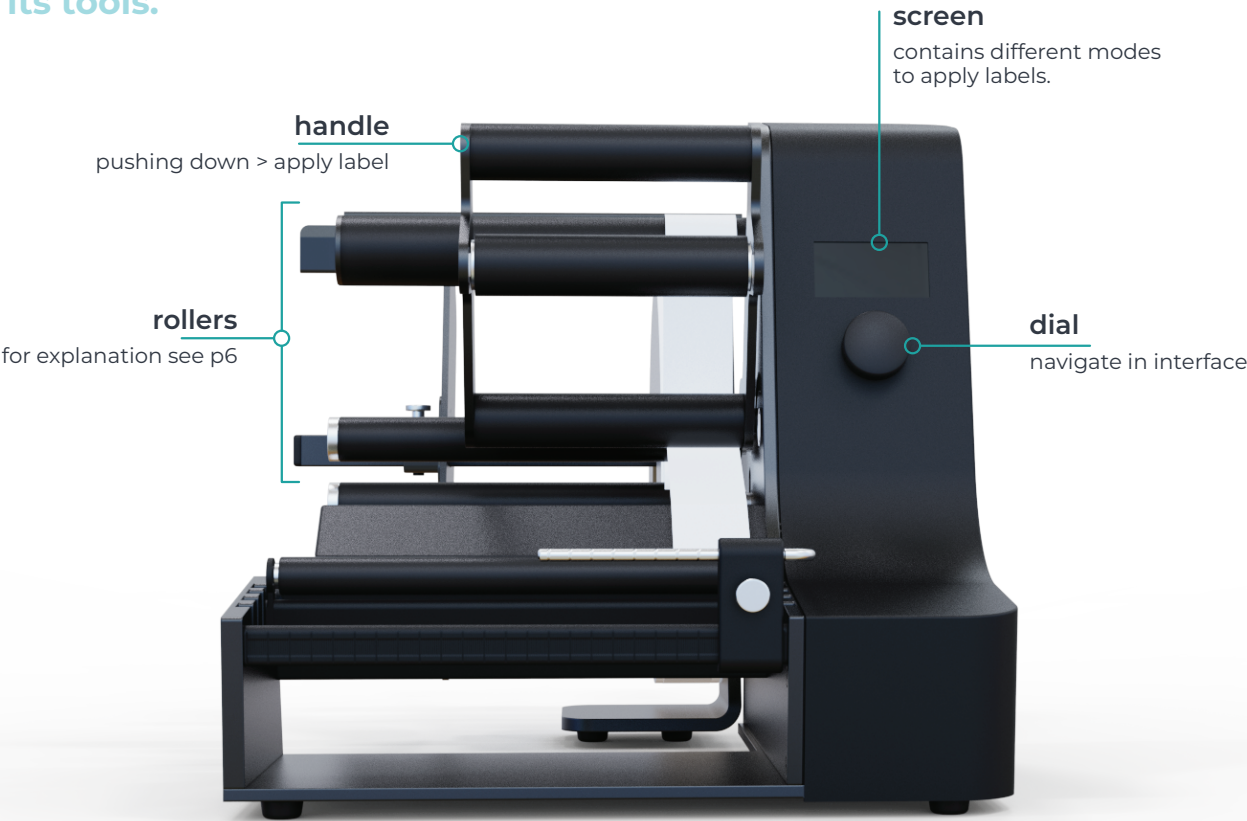
The user can use this line as a reference to position the bottle.

### Printer extensions p22

It is possible to connect the Botlr with a printer, in order to create a Print & Apply Station. This function requires a custom cable to be connected to the IO-Interface from your printer.

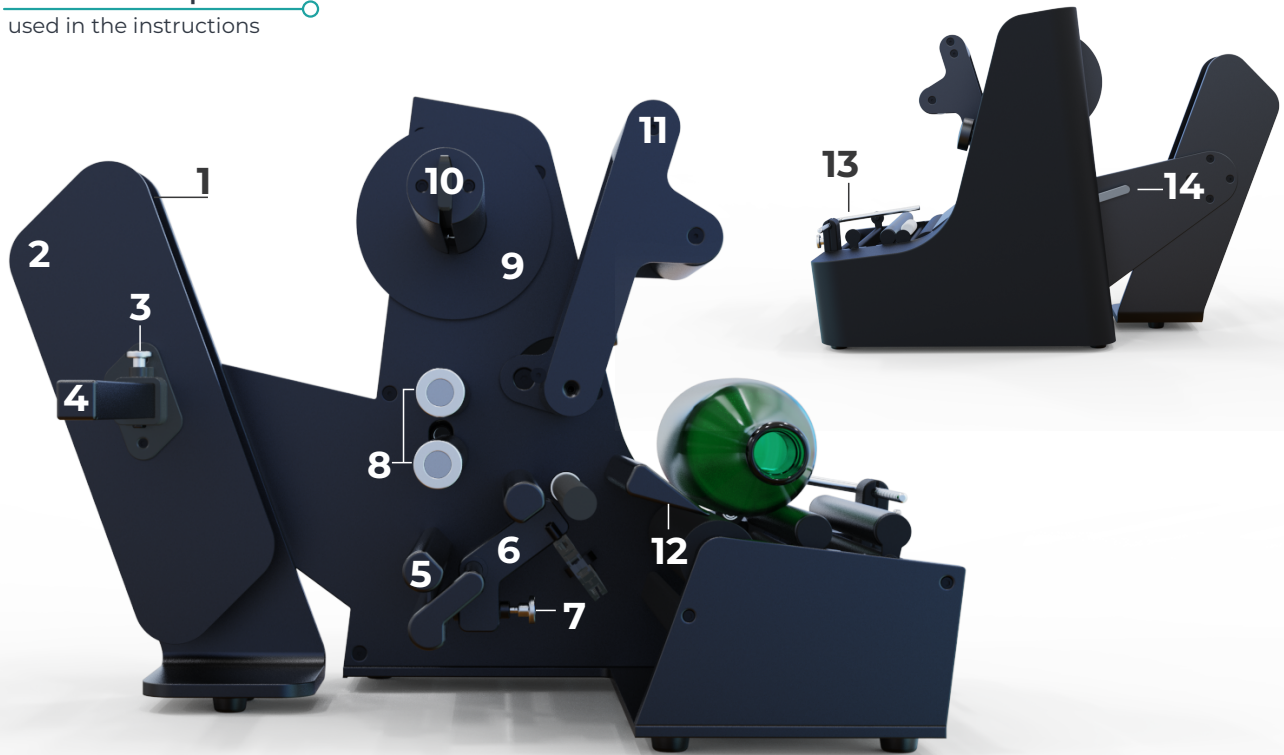
Contact your local business partner for more details.

Get to know the machine and its tools.



# 1. Mount new label roll

Indication of the parts  
used in the instructions



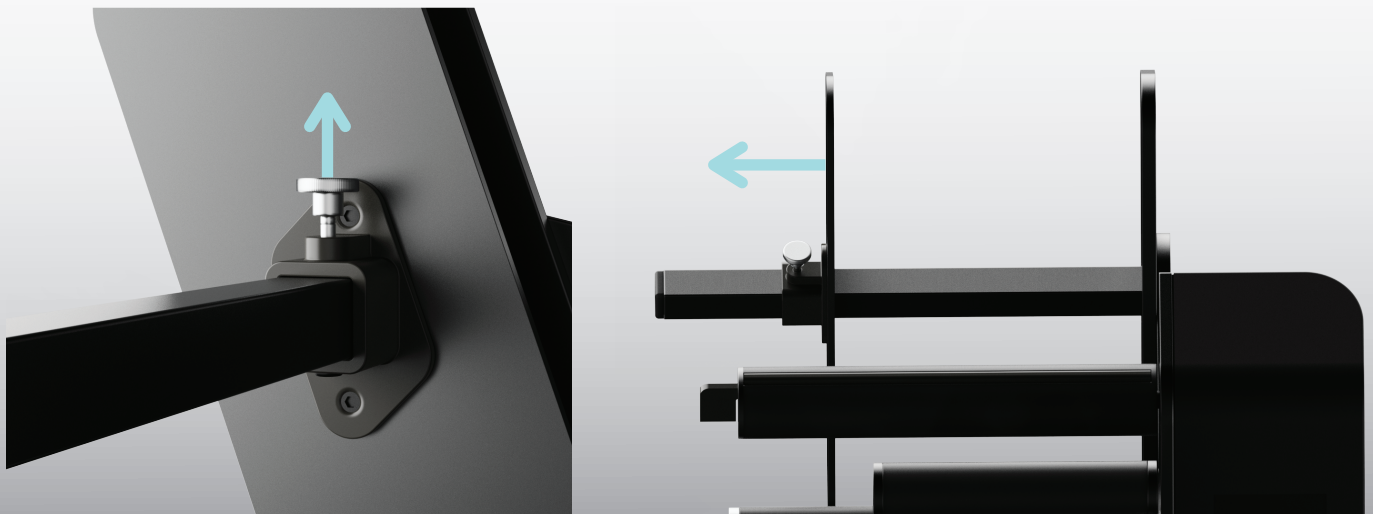
- 1. end plate
- 2. outer guide
- 3. outer guide screw
- 4. roll holder
- 5. label guide roller

- 6. sensor module
- 7. sensor pressure wheel
- 8. clamp rollers
- 9. remove plate
- 10. end roller

- 11. handle
- 12. peel-off blade
- 13. position bar
- 14. clamp roller lever

## 1.a

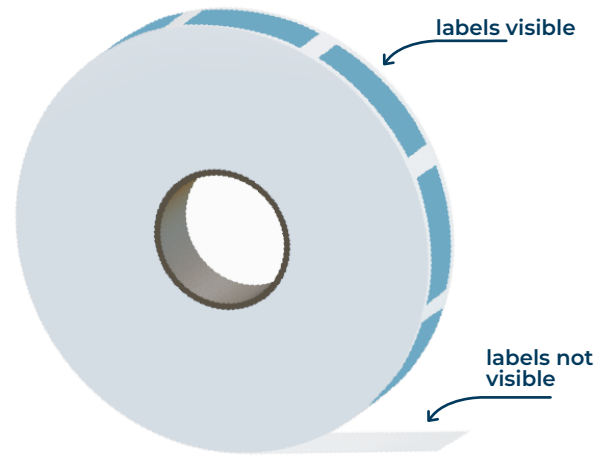
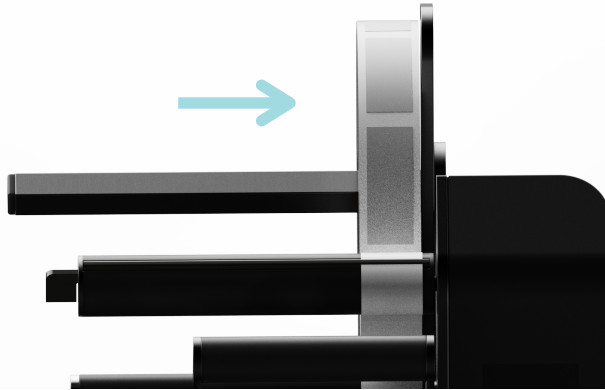
Remove the outer guide (2) by loosening the screw(3).



## 1.b

Place new label roll on machine and make sure the roll touches the end plate.

**Before starting, make sure the end of your new label roll is cut properly with scissors (straight end).**

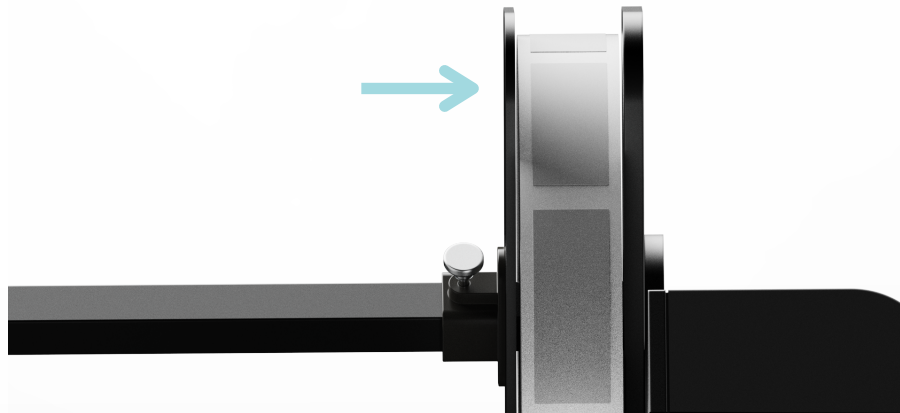


**Caution**  
Make sure label roll is positioned as displayed above.

## 1.c

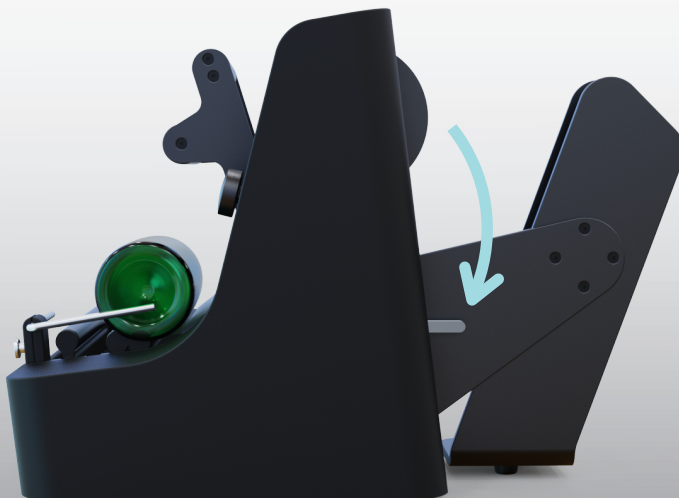
Mount the outer guide(2) till it 'touches' the label roll.

**Caution!** The label roll may not be pressed between the two plates. Fasten the screw(3).



## 1.d

At the right side of the machine, push the lever down to 'open'. The clamp rollers (8) at the left side of the machine will open.



# 1. Mount new label roll

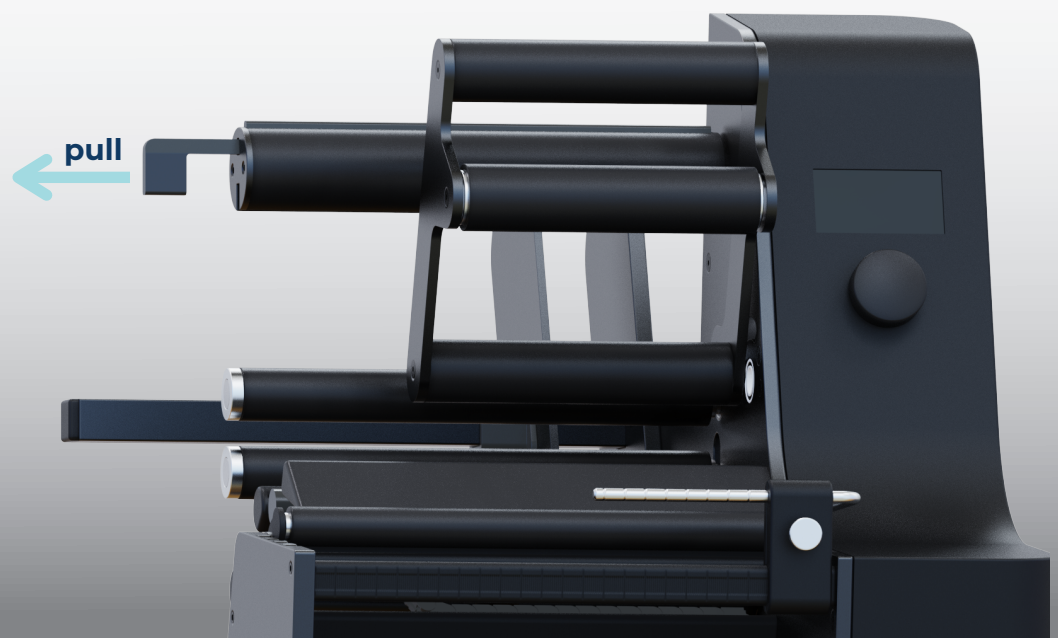
## 1.e

Take the label roll end and follow the path that is shown on the endplate. Stop at the end roller(10)



## 1.f

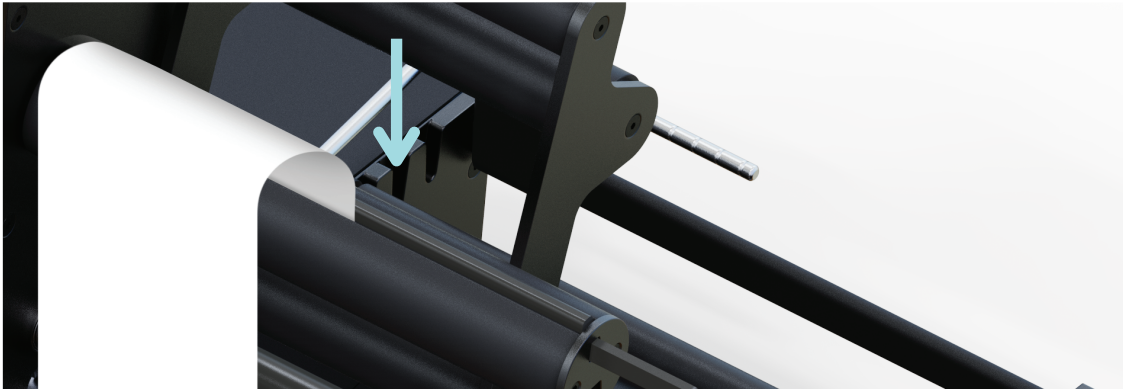
Pull the little 'handle' of the end roller(10).





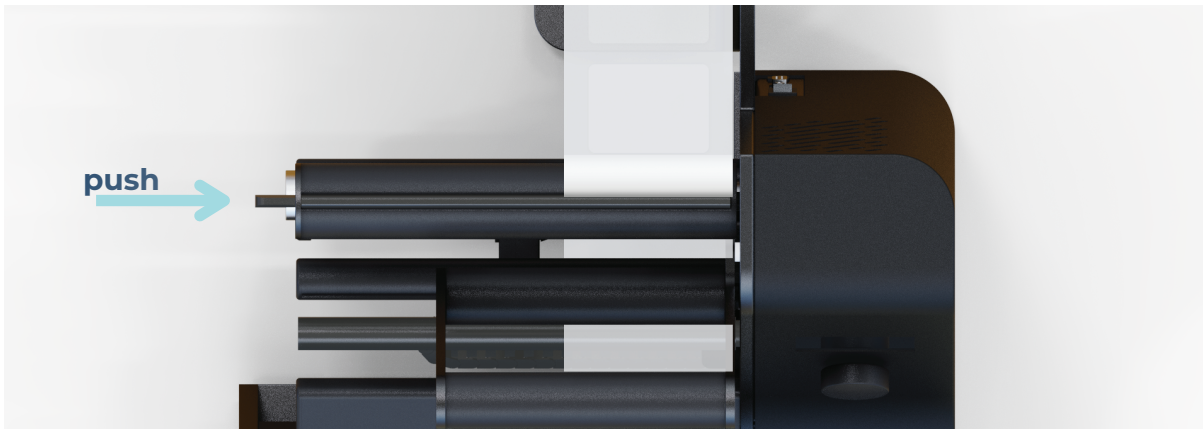
## 1.g

Take the straight (cut with scissors) end of the label roll and slide it in the slot created in the roller.



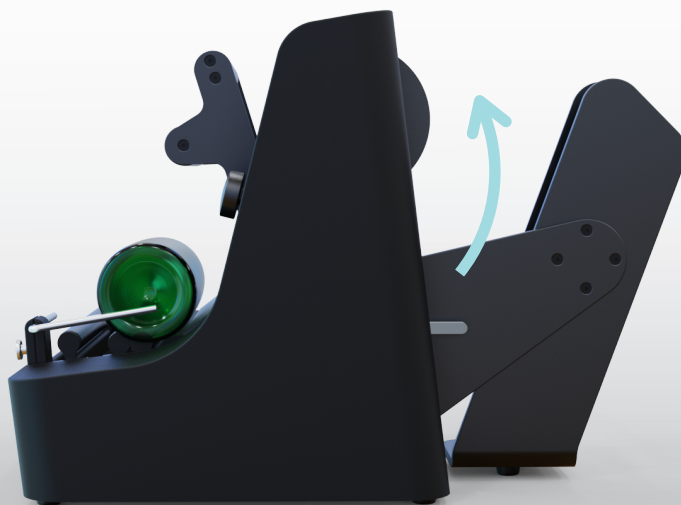
## 1.h

Close the 'handle' of the end roller (10).  
The end of the label roll is now fixed.



## 1.i

At the right side of the machine, pull the lever up to 'close'.  
The clamp rollers (8) at the left side of the machine will close.



## 1.j

Roll the label roll backwards so the paper roll is straight positioned in the machine.

## 2. Mount position bar

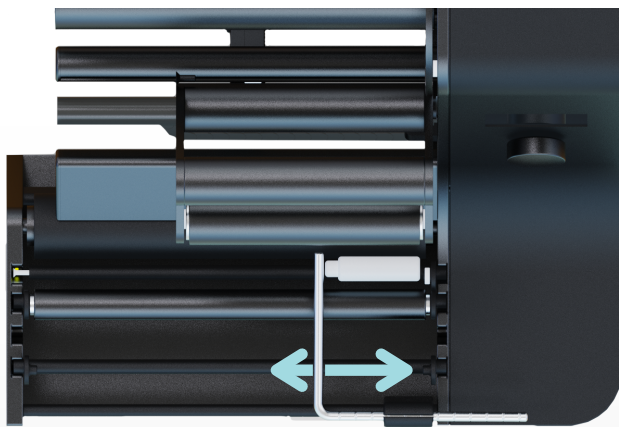
### 2.a

Loose the front screw of the position bar.



### 2.b

Check where you want your label to be applied on the bottle.  
You can choose whether to place the position bar on the left(a) or right(b) side.

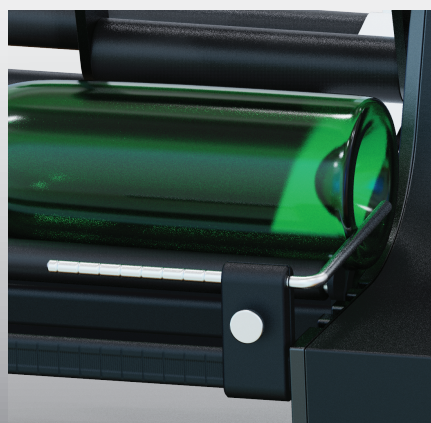


**small bottle (a)**



**big bottle (b)**

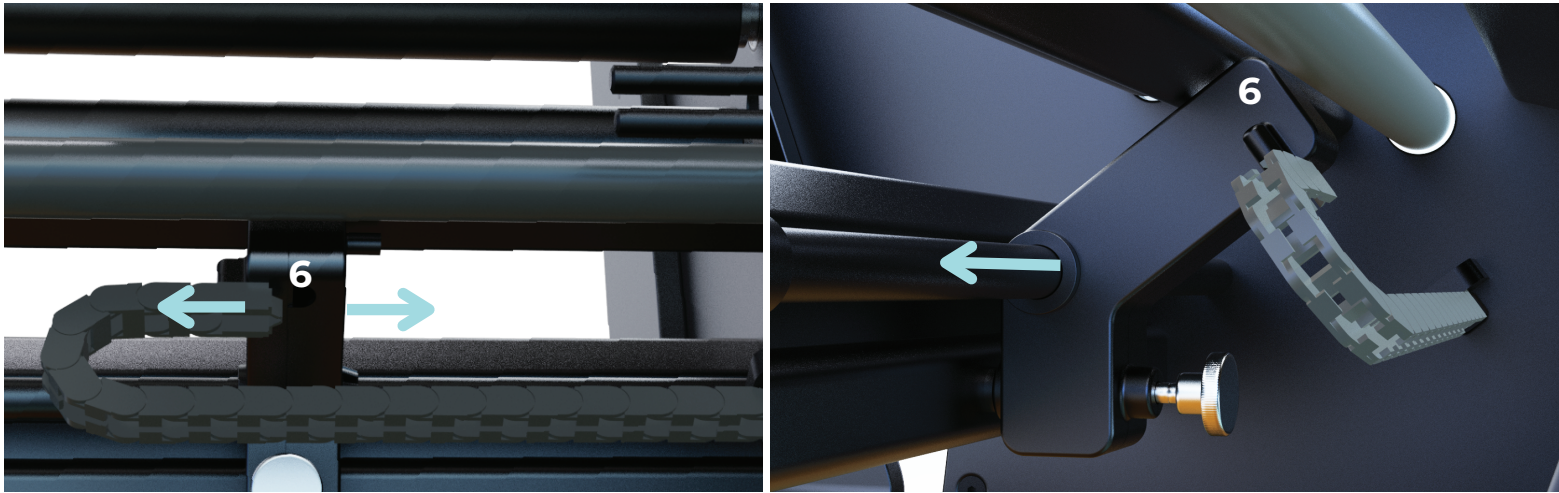
Move the bar in such a way that the bottom of the bottle can 'rest' against the bar.



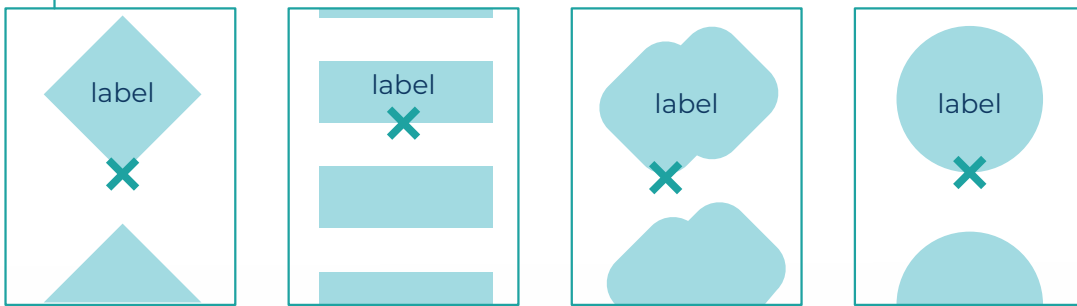
# 3. Sensor positioning

## 3.a set position

The sensor module(6) needs to be positioned on the right spot. Slide the sensor module to the left or right and make sure it 'touches' the most outer point (x) of the label when it passes.

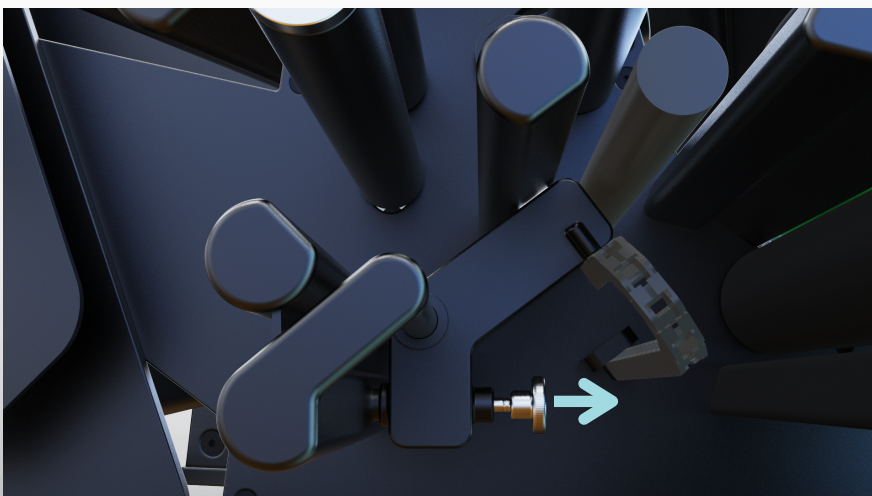


label roll



## 3.b set pressure

The pressure of the sensor can be adapted to the thickness of the label. Turn the wheel (7) to the right to fasten the pressure, to the left to loosen it.

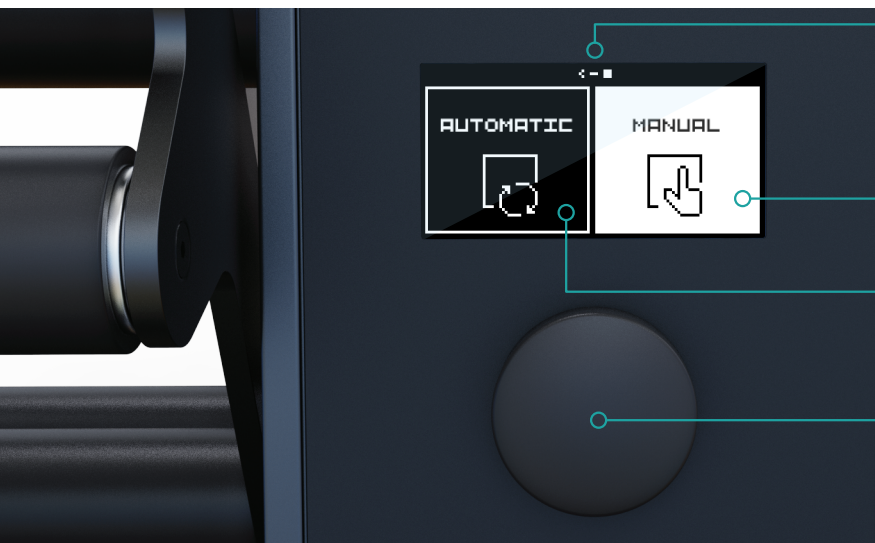


# 4. User interface

## Intro

Plug the Power Supply in a suitable power outlet and connect the Botlr. Switch the machine on by pressing the power switch on the back side.

See general screen info below.



### parameters selection

- = active parameter
- = inactive parameters
- ◀ = go back possibility

### active parameter

= white

### inactive parameter

= black

### dial

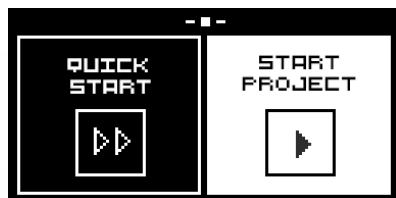
- turn = change active field
- click = select active field

## 4.a



### Start a new project.

1. Start a new project



2. Choose whether you will be working in the manual or automatic environment.

**Automatic** > used for most of the labels.

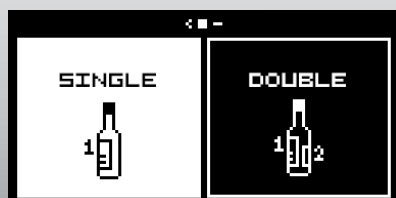
**Manual** > used for very complex labels.



3. Choose 1 (single) or 2 (double) labels.

**Single** > One label per bottle. Follow steps page 13

**Double** > Two labels per bottle. Follow steps page 14





## Single label :

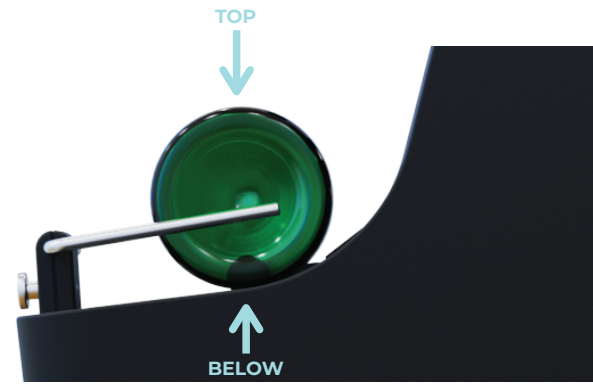
3. Decide label position



4. Set counter goal



5. Set speed

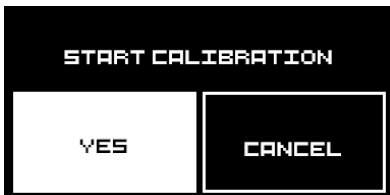


Choose the quantity of labels that need to be applied. This quantity will be displayed on the dashboard.

**PICK PRESET:** these presets can be changed > p22  
**MANUAL:** set counter goal manually



## 6. Start calibration in automatic mode



Calibration will start automatically, wait for the calibration to be fulfilled before you can start applying labels.

Remove by hands the labels that automatically come out of the machine during calibration



## 6. Start calibration in manual mode

7. Insert label length



8. Insert gap between labels



9. Turn the dial, the label roll starts turning. Make sure a label is positioned at the start of the blade.



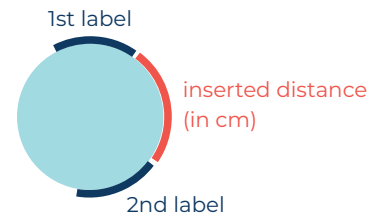


## Double label :

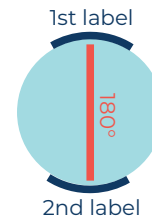
3. Define the second label position



custom :  
insert distance starting from  
end of first label.



default 180°:  
labels will be applied at 180°  
from each other.



4. Set counter goal



Choose quantity of labels that need to be applied.  
This quantity will be displayed on the dashboard.

**PICK PRESET:** these presets can be changed > p16 : counter presets  
**MANUAL:** set counter goal manually

5. Set speed



### 6. Start calibration in automatic mode



Calibration will start automatically,  
wait for the calibration to be fulfilled  
before applying labels.

Take the labels that automatically  
come out of the machine during  
calibration.



### 6. Start calibration in manual mode

7. Insert label length and gap of the first label



8. Insert label length and gap of the second label

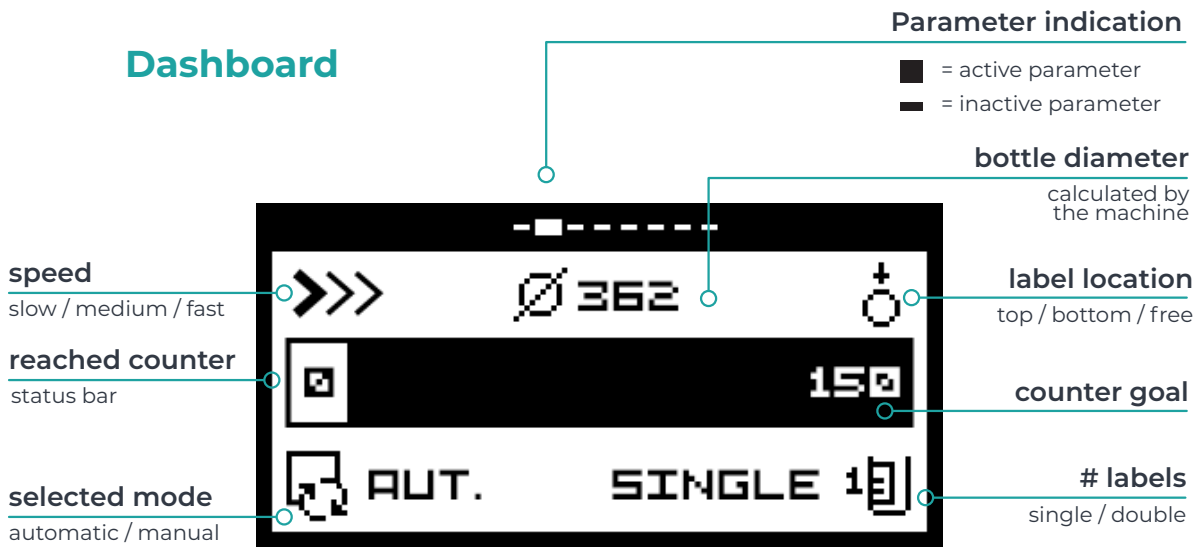


9. Turn the dial, the label roll starts turning.  
Make sure a label is positioned at the start of the blade.



## 4.b

### Dashboard



## 4.c

### Settings/Actions

Scrolling to the right starting from the dashboard you will have 3 settings accessible, 2 actions and the device settings.

**Settings :** label location, counter goal, speed.

**Actions :** disable rewinder, feed.

**Device settings**

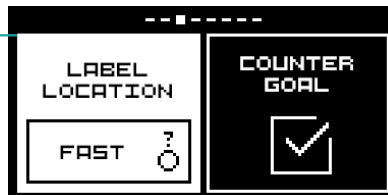
More info below.

Where the label will be applied on the bottle.

**FAST** > It doesn't matter where the label is applied

**TOP** > label will be applied to the top side regarding how it's placed on the machine.

**BOTTOM** > label will be applied to the bottom side regarding how it's placed on the machine.



Counter goal is the amount of labels that need to be applied in a project.

You can choose a manual input or a preset. Presets can be changed in 'other device settings' > p16

This refers to the speed of the machine applying labels.

How fast rolls the bottle.



When a project is running, the rewinder (mechanism that brings tension on the labelroll) is constantly active.

When tabbing this tile you disable the rewinder and you will have the possibility to access/manipulate the labelroll.

Possibility to feed one or more labels manually.

This action will not affect the counter goal.

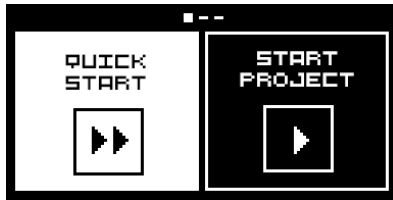


Select this menu to reach the device settings.

## 4.d



### Quick start



This menu offers the possibility to effortlessly start a project previously preset on the system. A recurring project can be set as 'default' in the quick start settings.

To do so, preset all the parameters in the 'Quick start settings' see p16 - 4.e

Manual / Automatic.  
Single / Double label.  
All the settings > label position, counter goal, speed, ...

## 4.e



### Device settings

These settings are accessible on two levels.

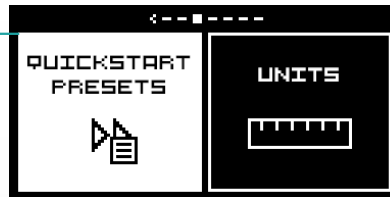
When starting the machine > scroll right > device settings  
At the Dashboard level > scroll right > device settings.

Use your 4 most used counter goals to set as a preset. They are previewed while setting up a project.



Enter your most common gap between 2 labels. This will be filled in as a preset when starting a new project (in manual mode)

In this panel, select all the default settings to set up your quickstart menu.



Select the appropriate unit of measurement (cm or inch)

Select idle time before the unit will go into standby mode.



Consult info about the machine.

Reset every setting to the factory settings.





## 5. Start applying labels

### intro

All settings are done.

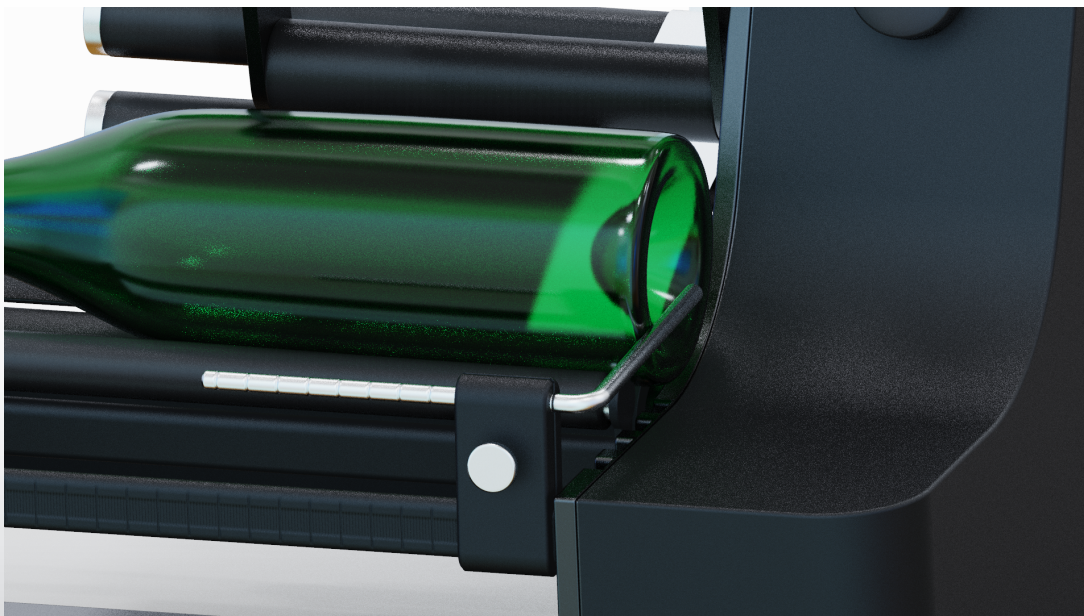
The dashboard is shown on the screen, you are now ready to apply labels.

### 5.a

1. Place the bottle on the application area.



Make sure the bottom of the bottle is 'touching' the position bar



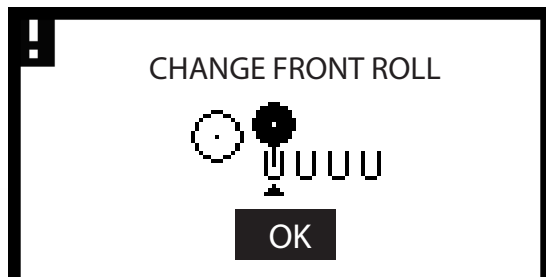
> See p10 to adapt the position bar.

2. Push down the handle.

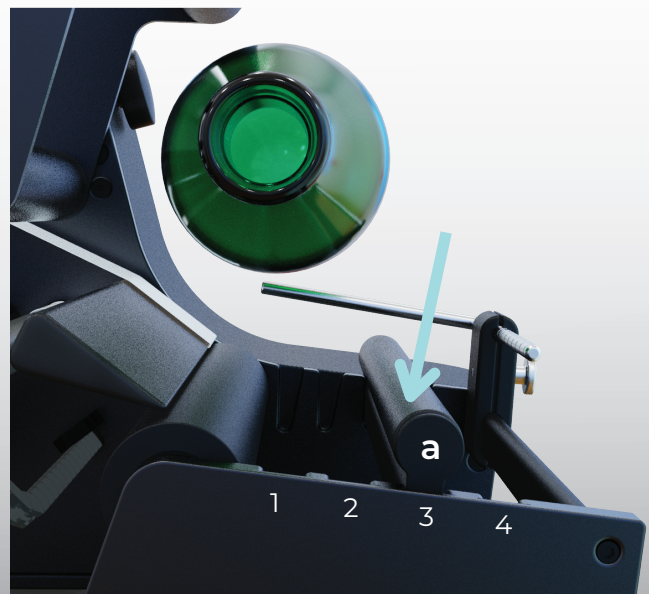
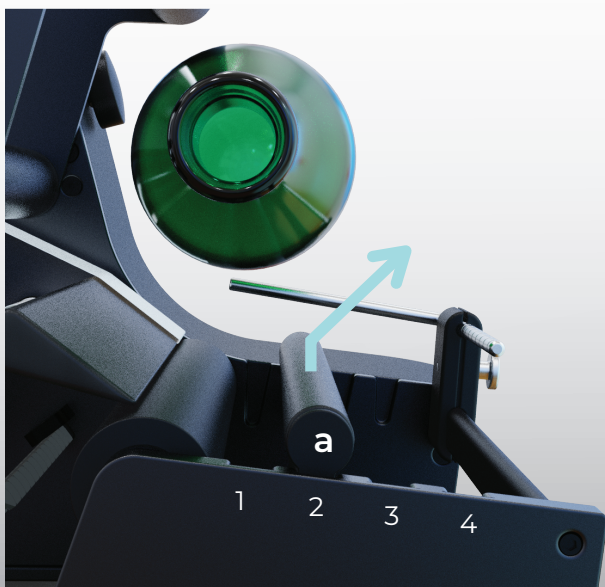
The bottle will start turning and the machine will automatically apply 1 or 2 labels, depending on the chosen settings. The machine will stop when the label(s) is/are applied.



! Possible warning on screen:



If your bottle is bigger or smaller than the last one you will have to reposition the bottle bar(a). Take it out and place it as shown on the screen (position 1, 2, 3 or 4).



## 6. Remove waste label roll

When the waste roll has reached its maximum capacity, it should be removed from the machine. The max diameter of the waste roll is indicated by the diameter of the 'remove plate(9)'. Follow the instructions below to remove the roll.

### 6.a

Go to dashboard > scroll right > select disable rewriter.  
This will affect the rewriter roller, it will stop putting tension on the label roll.



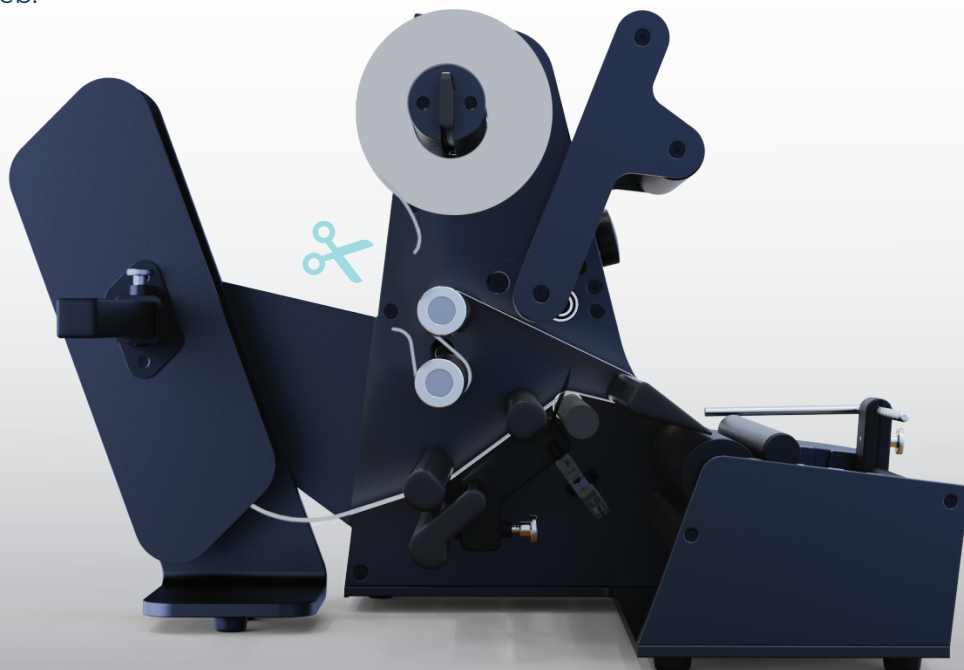
### 6.b

At the right side of the machine, push the lever down to 'open'.  
The two rollers at the left side of the machine will open.



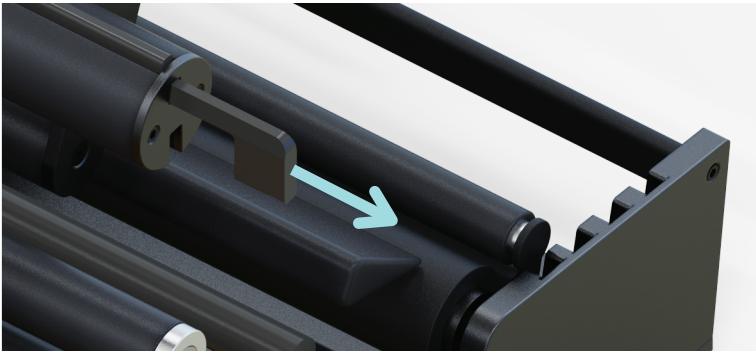
### 6.c

Cut the label web.



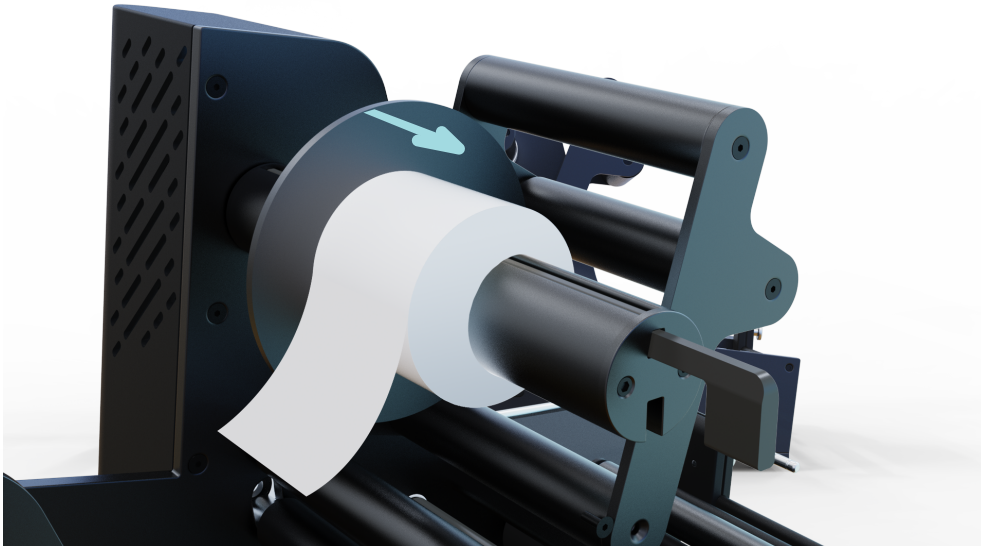
## 6.d

Pull the lever of the end roller (10).



## 6.e

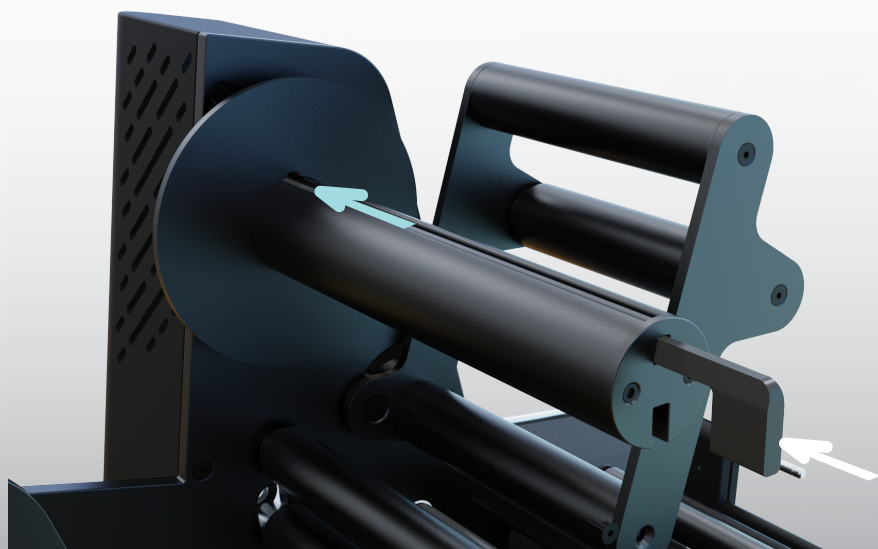
Remove the empty label roll from the machine using the 'remove plate' (9). Grab the plate and slide against waste roll, till it is removed.



## 6.f

Slide the 'remove plate' back against the backplate.

Push the 'handle' of the end roller (10) back.



# Add-on options

Extra features that can be mounted / used as extension to the Botlr.

## Laser

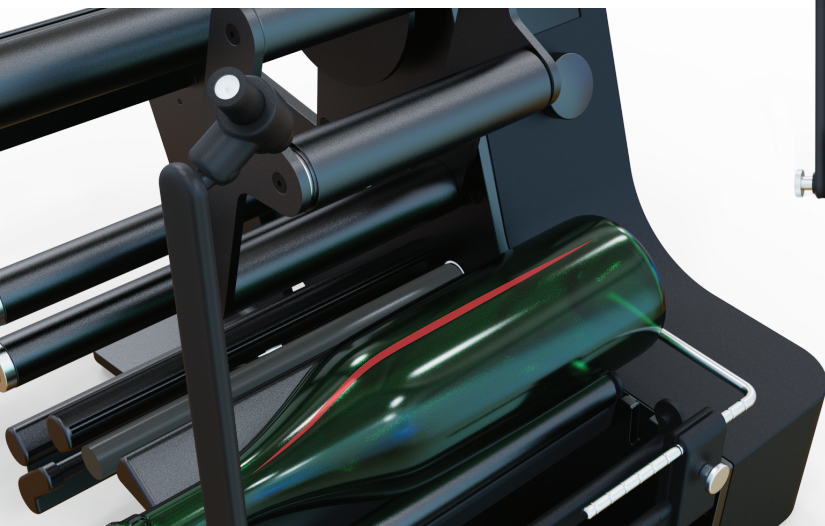
When a label needs to be applied on a **specific spot** on the bottle (on a recess, covering an older label,...) it is possible to add a laser to the machine.

This extra tool, easily mounted on the machine, projects a laserline on the bottle.

The user can use this line as a reference to position the bottle.



The laser position can be easily adjusted.



## Printers

The Botlr can be connected to a printer, in order to create a Print & Apply Station. This function requires a custom cable to be connected to the IO-Interface from your printer.

Contact your local business partner for more details.

Any piece of machinery can become dangerous to personnel when improperly operated or poorly maintained. All employees operating and maintaining Labelmate equipment should be familiar with its operation and should be thoroughly trained and instructed on safety.

Most accidents are preventable through safety awareness.

Every effort has been made to engineer safety into the design of Labelmate equipment per standards set forth by ANSI and others that apply as necessary. Areas of potential danger are mechanically and/or electrically protected. Safety labels and instructional decals are visible to the operator and located near any potential hazard.

## TRAINING AND INSTRUCTION

It is the responsibility of the customer to ensure that all personnel who will be expected to operate or maintain the equipment participate in training and instruction sessions and become trained operators. All personnel operating, inspecting, servicing or cleaning this equipment must be properly trained in operation and machine safety. BEFORE operating this equipment, read the operating instructions in the manual.

## GENERAL SAFETY

- Ensure that all power sources are turned off when the machine is not in use. This includes electrical power.
- Read the manual for any special operational instructions for each piece of equipment. The Labelmate product manual is included in the product packaging and can be found on the website [www.labelmate.com](http://www.labelmate.com)
- Know how the equipment functions and understand the operating processes.
- Know how to shut down the equipment.
- Understand the equipment safety labels.
- Wear the appropriate personal protective equipment for the job to be performed (EX: eye protection, gloves, safety shoes, etc.). Ensure that nothing you are wearing could get caught in the machinery.
- When working on or around all equipment, avoid wearing loose clothing, jewelry, unrestrained long hair, or any loose ties, belts, scarves or articles that may be caught in moving parts. Keep all extremities away from moving parts. Entanglement can cause death or severe injury.
- For new equipment, check plant voltage with the voltage specified on the machine. Electrical specifications for your machine are printed on the machine serial number tag. A properly grounded electrical receptacle is required for safe operation regardless of voltage requirements.
- Use the equipment only for its intended purpose.
- Keep the operating zone free of obstacles that could cause a person to trip or fall toward an operating machine. Keep fingers, hands or any part of the body out of the machine and away from moving parts when the machine is operating.
- Any machine with moving parts and/or electrical components can be potentially dangerous no matter how many safety features it contains. Stay alert and think clearly while operating or servicing the equipment. Be aware of operations and personnel in your surroundings. Be attentive to indicator lights and/or operator interface screens displayed on the machine and know how to respond.
- Do not operate machinery if you are fatigued, emotionally distressed or under the influence of drugs or alcohol.
- Know where the FIRST AID SAFETY STATION is located.
- Rotating and moving parts are dangerous. Keep clear of the operating area. Never put any foreign object into the operating area.
- Use proper lifting and transporting devices for heavy equipment. Some types of equipment can be extremely heavy. An appropriate lifting device should be used.



# EC Declaration of Conformity for Machinery

**Manufacturer :** LABELMATE SRL-BV

**Address :** Bergensesteenweg 78, 1651 Lot - BELGIUM

## **Name and Address of the person authorized to compile the technical file**

**Name :** John Deckmyn

**Address ;** Bergensesteenweg 78, 1651 Lot - BELGIUM

Herewith we declare under our sole responsibility that :

**Product description :** Bottle Labelling Machine

**Model :** Botlr

**Part Number :** LMB001

**Serial numbers :** 22010200 to 29123199

Are in conformity with the relevant provisions of the Machinery Directive (2006/42/EC)

Are in conformity with the provisions of the following other EC-Directives

- EMC: 2014/30/EU
- RoHS: 2011/65/EU, as amended

Norms used :

- EN ISO 12100 : 2010
- EN IEC 6300-2018
- EN 61000-6-3
- EN 61000-6-1
- Technical documentation: Internal Compliance Process

John Deckmyn  
Operations Director

**Our entire team stays with you all the way  
Don't hesitate to contact us**

Botlr is powered by Labelmate bv | tel. +32 2 375 69 60 |  
Bergensesteenweg 78, 1651 Lot, Belgium

**botlr**