



CHABOT DELRIEU ASSOCIÉS

Essentiel

Automatic Labelling Machine

Food Industry - Chemistry - Cosmetic -
Detergency - Painting - Pharmacy

Essentiel

Automatic Labelling Machine



General Description

The Essentiel allows the labelling of your cylindrical products. It can apply up to two adhesive labels (front label & back label) and its capacity of production can reach the 17 products/minute according to the covering. The Essentiel seduces by its pacing system and its simplified management via touchscreen.

Equipped machine

Motorized Conveyor

- ▶ Anodised aluminium extrusion, created by CDA; receiving an acetal slat band chain conveyor, width 82.5 mm, fitted on a mobile stainless steel frame;
- ▶ The side guide bars are made of 12mm-diameter stainless steel; the height can be adjusted to accept bottles with a width of up to 110 mm;
- ▶ The motorized conveyor is fixed on a stainless steel frame, into which the electrical boxes are incorporated. Four feet on caster wheels (wheels with brakes) support the machine;
- ▶ Depending on the products to be labelled, a pneumatic cylinder selection system or multi-format selection screw is installed at the conveyor input to set the product spacing;
- ▶ Machine settings are controlled and managed via user-friendly touchscreen;
- ▶ A square reception table is installed at the output of the conveyor;
- ▶ A transfer system is installed at the end of the conveyor.

Labelling

- ▶ A station to apply labels on cylindrical products up to 110 mm Ø comprising:
 - A label application head;
 - A back label application head;
- ▶ Manual height adjustment;
- ▶ Machine settings are controlled and managed via touchscreen;
- ▶ The label strip is driven by a DC motor;
- ▶ Labelling speed up to 800 products/hour depending on diameter and labelling type.

Options

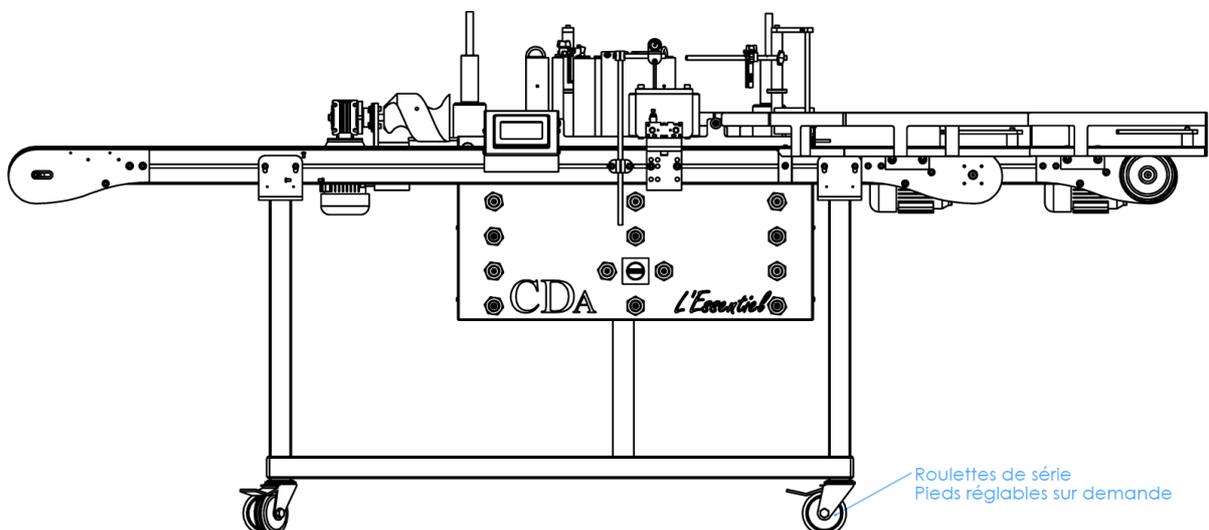
- ▶ Label detector cell to apply an additional label on products that have already been labelled;
- ▶ Notch detector cell to position labels on notched products;
- ▶ Conveyor extension;
- ▶ Inkjet marking on labels;
- ▶ Ultrasonic label detector cell for transparent labels;
- ▶ A guarantee seal flap system.



Technical characteristics

Production Rate	Up to 17 products/minute depending the type of product.
Weight	85 Kg
Width	825 mm
Height	1205 mm
Lenght	2092 mm (according on machine configuration)
Conveyor height	890 mm
Machine control	User-friendly touch-screen
Supply voltage	380 V ~ 50 Hz 16A 3-Phase + Earth 16A 3-Phase + Earth 16A 220 V ~ 50 Hz 16A
Power consumption	2kw
Compressed air consumption	6 m3 / hour max at 4 bar - Dry air non-lubricated
Ideal operating temperature	From 10°C to 30°C

Schematic Essentiel



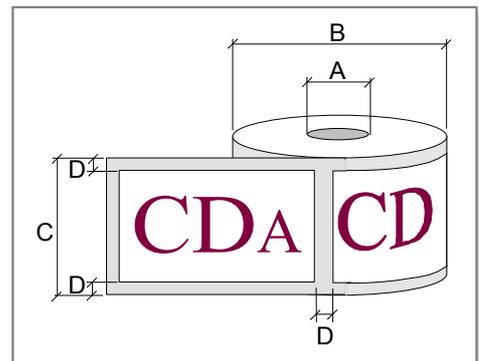
Dimensions of the label rolls

A - Inside diameter : 75 mm;

B - Max. outside diameter : 260 mm;

C - Max. band height : 190 mm;

D - Space between labels : 3-5 mm.



► Winding Direction : Left Out

Minimal paper quality : 90g.

Nota: The rolls have to be stored in a dry place between 15°C and 18°C.

Machine delivered with EC Standards.

Non contractual documents.



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