

INSTRUCTION MANUAL

TRANSLATION OF THE ORIGINAL OPERATING INSTRUCTIONS

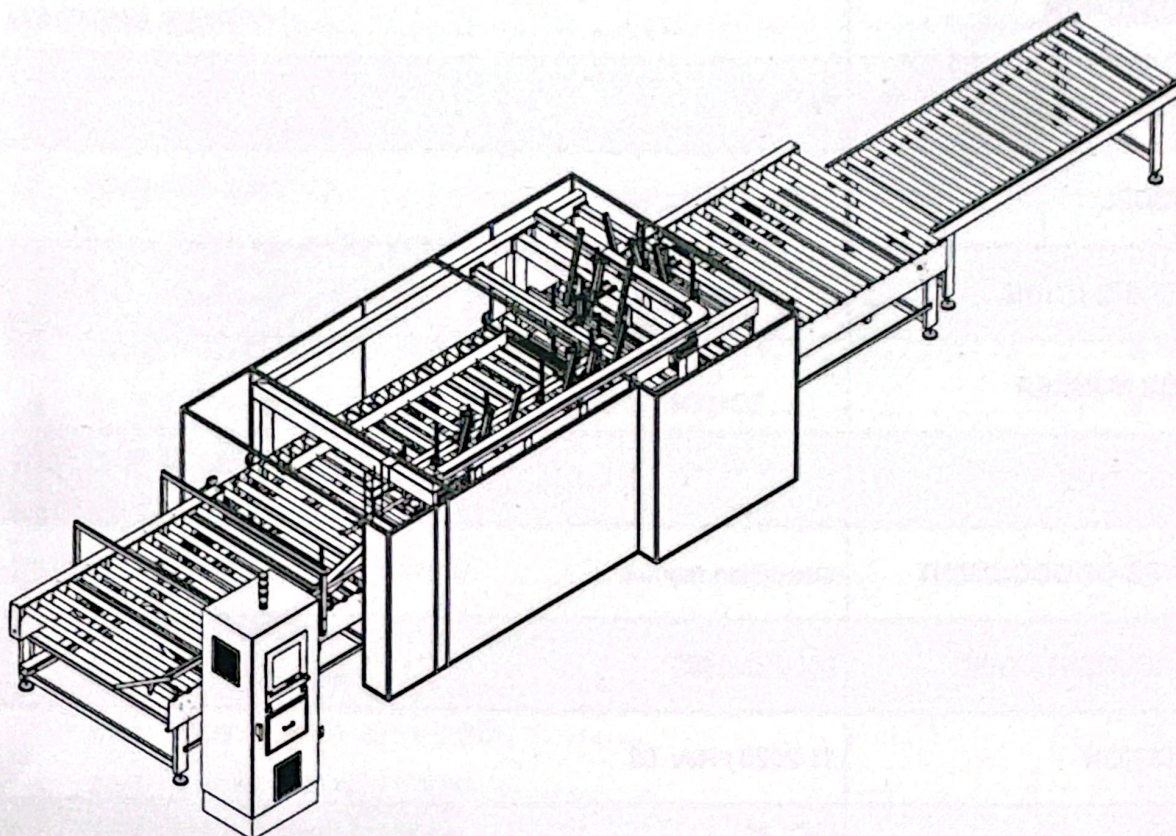
This manual must be kept for future reference and must always remain with the machine

TYPE
PACK

MODEL
pack c 100



BOX CLOSING MACHINE



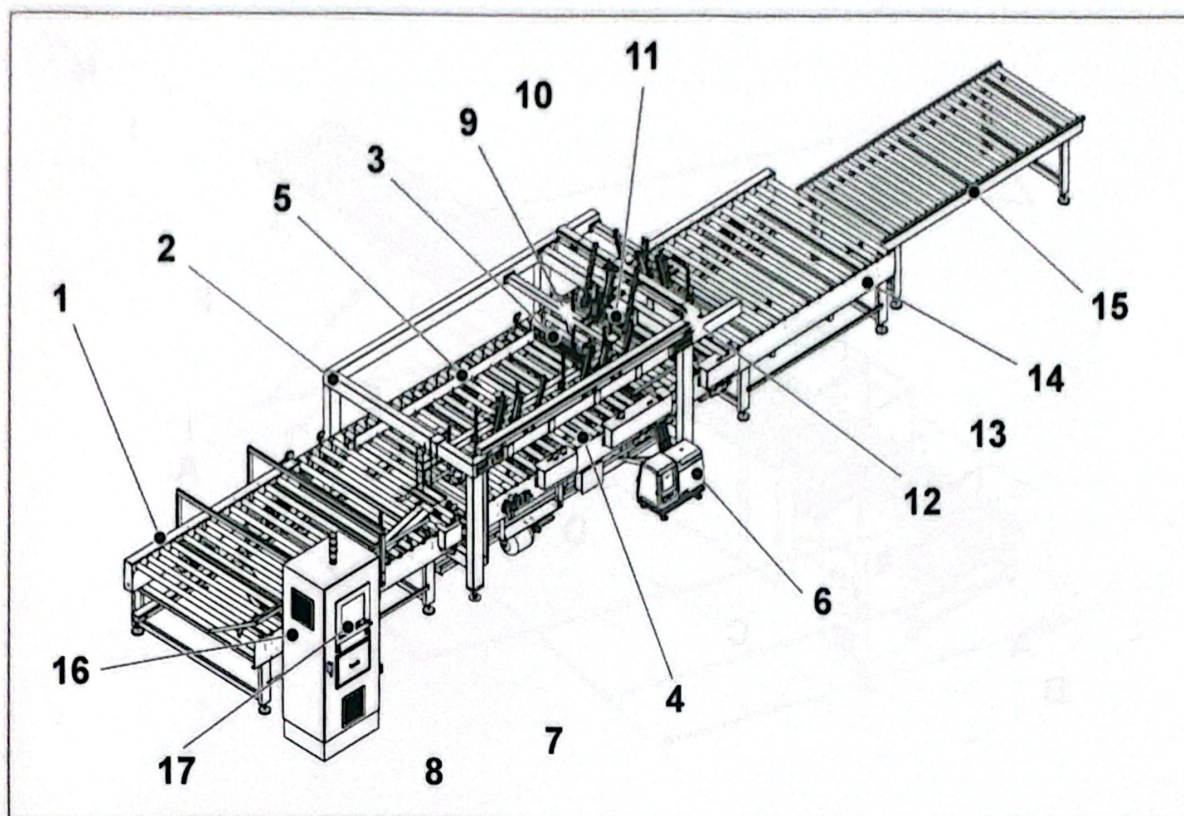
3.1 GENERAL DESCRIPTION OF THE MACHINE

The box closing machine is an automatic system designed to close three-flap boxes with hot glue. The box, previously formed and filled with the product to be packaged, is loaded onto the upload roller conveyor. Loading can be performed manually by the operator or automatically if the upload roller conveyor is connected to an upstream line.

The box is then moved to the closure area where a system of pressers and paddles presses and closes correctly with hot glue the side edge and the front edge of the box, simultaneously.

Finally, the box is transferred to the closure area of the rear flap where a further presser and paddle system presses and closes the box with hot glue.

After the closing of the three flaps, the box is moved by the unload roller conveyor in the unloading area. The unloading of the box can be performed manually by the operator or automatically if the unload roller conveyor is connected to a downstream line.



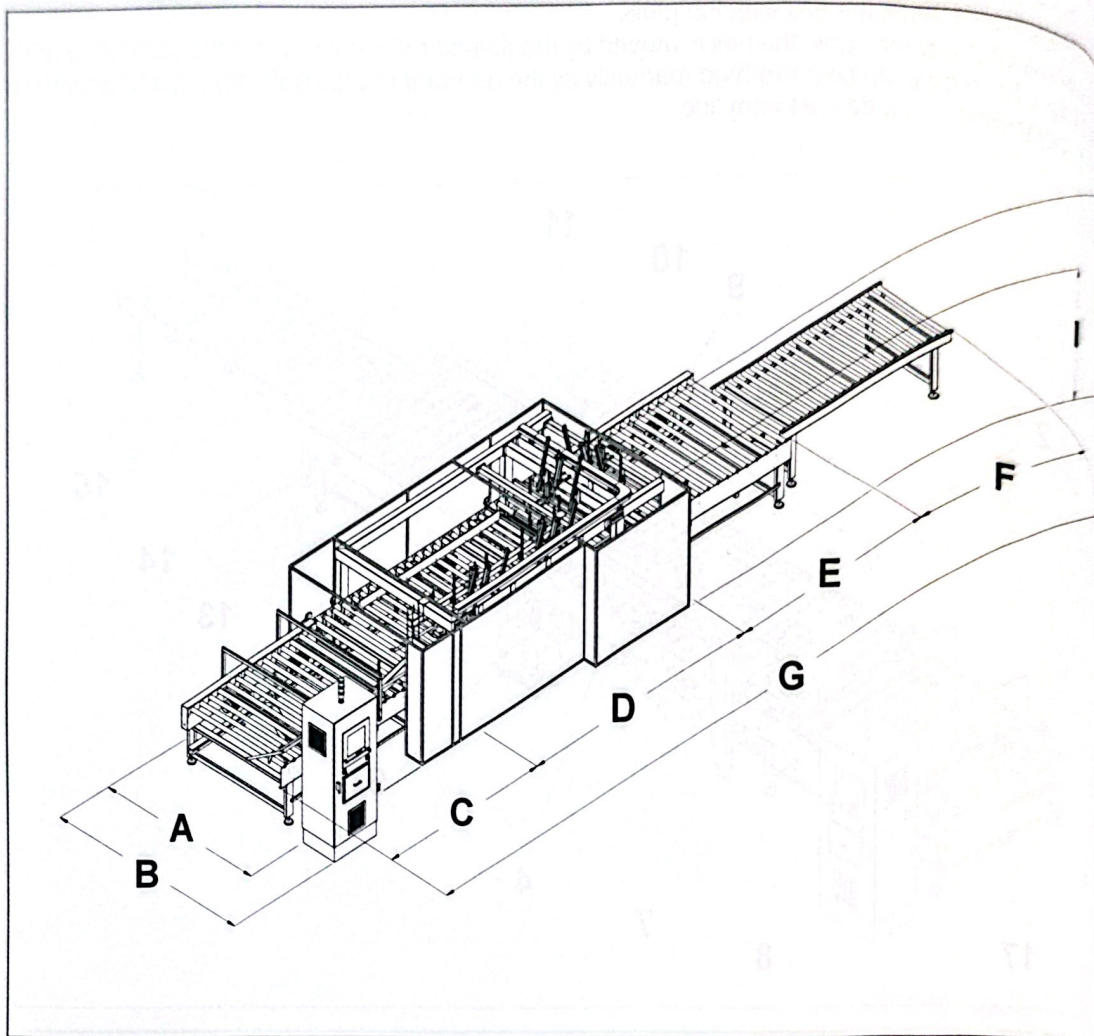
1. Upload roller conveyor
2. Frame
3. Incoming box stop
4. Retractable fixed side stop
5. Side mobile stop
6. Glue guns and glue melter
7. Upper side pressers
8. Side flap closure paddle
9. Front upper presser
10. Front flap closure paddle
11. Outgoing box stop
12. Rear upper presser
13. Rear flap closure paddle
14. Unload roller conveyor
15. Idle roller conveyor (optional)
16. Electrical cabinet
17. Control panel

TECHNICAL SPECIFICATIONS

3.2 DIMENSIONS

3.2.1 Overall dimensions of the machine

The main dimensions of the machine are highlighted in the following table:



MODEL	A	B	C	D	E	F	G	H
pack c 100	2515	3095	2720	3580	3060	3000	12360	2075

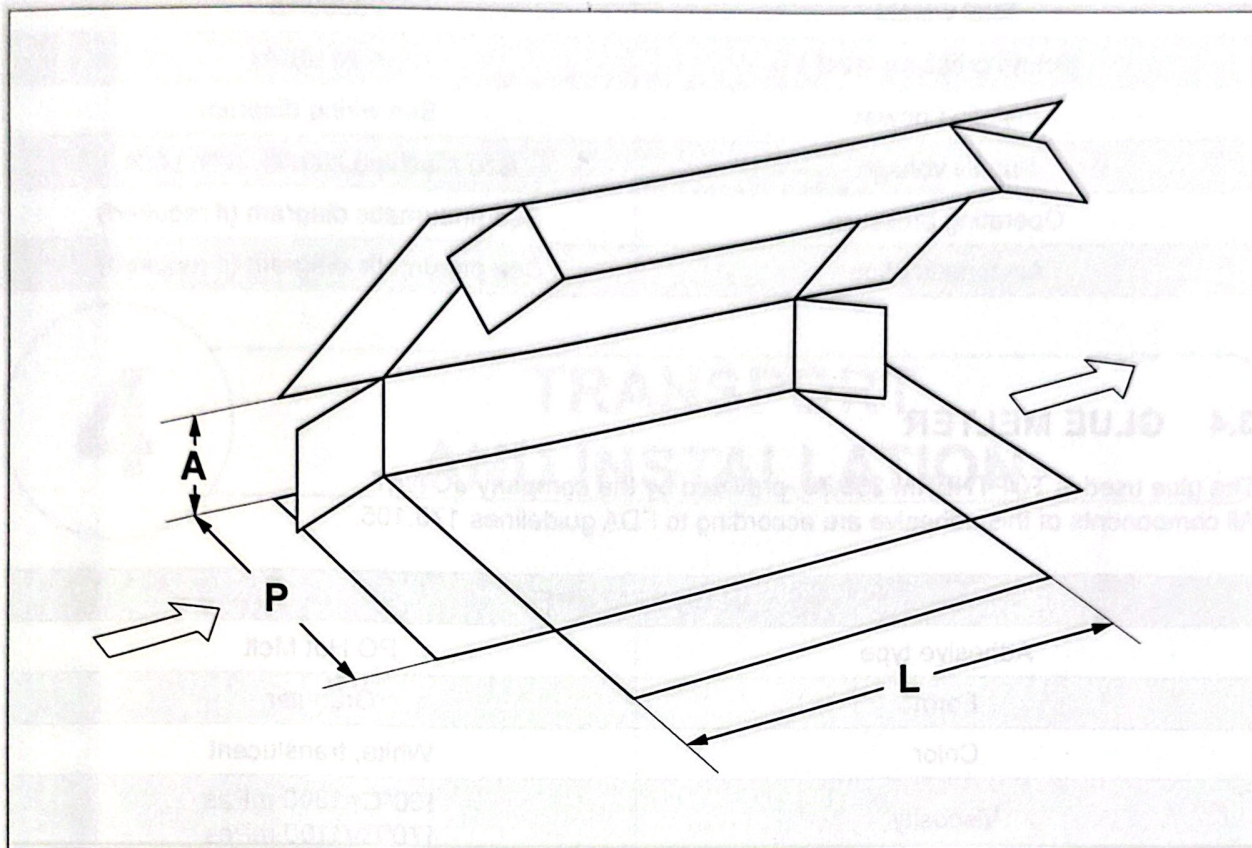


H = height of the packed machine (height including bases and rollers)

3.2.2 Workable boxes dimensions

The main overall dimensions of the workable boxes are highlighted in the following table:

BOXES DIMENSIONS	MIN (mm)	MAX (mm)
Height (A)	25	250
Length (L)	400	2500
Depth (P)	250	1050



3.3 TECHNICAL DATA

GENERAL TECHNICAL DATA	
Type of machine	Box closing machine
Operation	Electro-mechanic
Management	Electronica
Required operators	1
Work table height	900 mm
Roller conveyors speed	60 mt/min.
Total weight	3280 kg
Sound pressure level	< 70 dB(A)
Installed power	See wiring diagram
Supply voltage	See machine identification plate
Operating pressure	See pneumatic diagram (if required)
Air consumption	See pneumatic diagram (if required)

3.4 GLUE MELTER

The glue used is **TOPTHERM 256.70**, provided by the company **JOWAT**.
All components of this adhesive are according to FDA guidelines 175.105.

GLUE FEATURES	
Adhesive type	PO Hot Melt
Form	Granular
Color	White, translucent
Viscosity	160°C=1300 mPas 170°C=1100 mPas
Fusion	Approx 115°C
Exposition time	Medium (4-6 s.)
Operating temperature	140-170°C
Application	With nozzle applicators

Use the glue respecting the temperature limits.