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**Innovate** to provide advanced solutions to a constantly changing market.

**Commitment** to achieve and surpass your expectations.



- Customers in more than 80 countries**
- More than 8,000 Machines sold.**
- Technical service and maintenance.**
- Fast supply of spare parts.**
- 45 years designing and manufacturing machines.**

Your Box Forming Partner

MACHINE FOR  
LIDDING  
BOXES



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**HAT**

Automatic and adjustable machine specially designed for lidding boxes.



[www.boix.com](http://www.boix.com)

The Illustrations, descriptions and technical specifications that appear in this document, and that refer to the model, equipment, kits, technical characteristics, accessories, ranges and possibilities of configuration of the machine, are those existing and in force at the moment of its printing [march 2019]. As such the machine or its components may have undergone subsequent modifications or may not be available. Therefore Boix recommends that you confirm with our sales staff when requesting your machine quote, that the images and technical characteristics shown are still in force at such time. © Boix Machinery. Reproduction is permitted only in a summary or partial form of this catalog with written authorization.





ALL ABOUT THE HAT

TECHNICAL SPECIFICATIONS

SETTING	HAT		HAT/M
OPERATION	Mechanical, Electrical and Pneumatical		
GLUE SYSTEM	Hot Melt, Glue Injection		
BOX DESIGN	To lid full depth boxes, Plaform®, Bliss and C-1 Boxes		
PRODUCTION	Up to 1200 tp/h		Up to 900 tp/h
TOTAL POWER	9,4 Kw		7,2 Kw
NET WEIGHT	2,300 Kg		2,100 Kg
ELECTRICAL SUPPLY	380/220 V (3F+N+PE) - 50/60 Hz		
INTRODUCTION SYSTEM	By vacuum		
CHANGE OF SIZE (IN TIME)	Manually by use of threaded roads and counters		
CHANGE OF DESIGN (IN TIME)	20-40 min. Aprox.		
WORKING AIR PRESSURE	7 BAR (7 kg/cm2)		
AIR CONSUMPTION	298 Litres/ Minute		225 Litres/ Minute
MACHINE FRAME	Structural pipe + 4mm Steel plate		
MAXIMUM BOX SIZE	600x600x350 mm		600x600x450 mm
MINIMUM BOX SIZE	200x200x150 mm		200x200x150 mm
MACHINE DIMENSIONS	L:4850 mm.; A:2290 mm.; H:2250 mm / 190.94 x 90.15 x 88.58 in.		

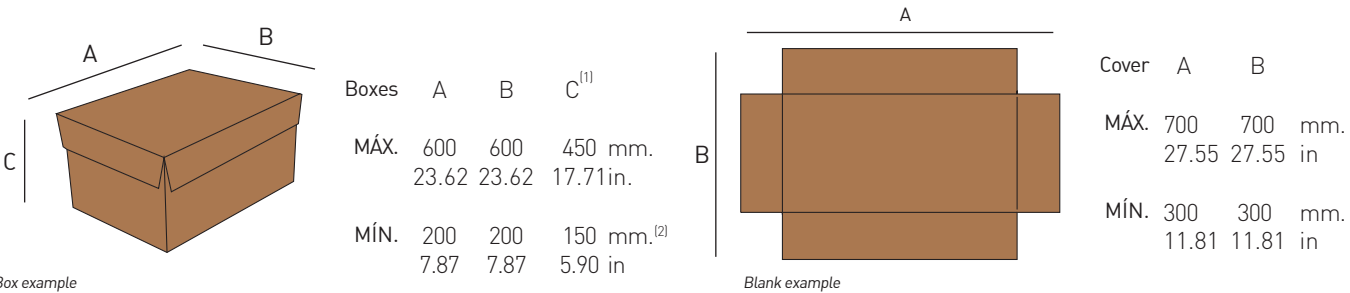
MAIN FEATURES

**The HAT machine is specially designed for automatic closing of cardboard boxes using hot-melt,** guaranteeing their perfect closing. There are 2 versions available:

- The model HAT has two heads for bonding two caps simultaneously.
- The model HAT / M is a single -head model.

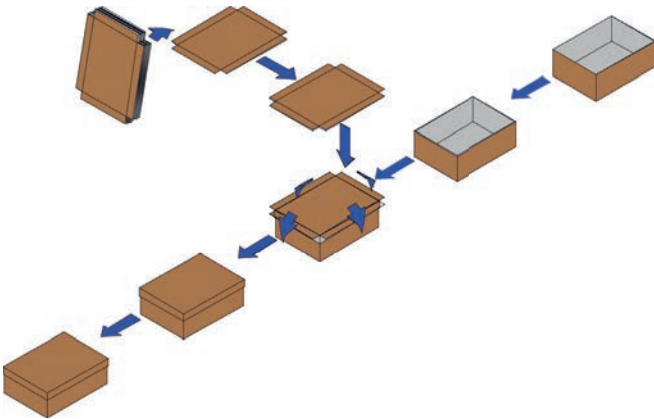
**Both models have a mirror image version to work side by side.**

DIMENSIONS



<sup>(1)</sup> Height and base dimensions will depend on the blank dimension. <sup>(2)</sup> Boxes under 100mm will need the low box kit. Ask to salesperson

CLOSED SEQUENCE



The perfect combination between design and versatility

- Operating motors in Servo mode.
- **Lid Magazine:** 1.5 meters (large capacity).
- **Flexible:** adjustable sizes from 600x600x400 to 200x200x140 mm
- **Gluing time:** adjustable from machine screen.
- **Adaptable:** ready for integration in production lines.
- **Operation:** box separation system (assures that boxes pass through one by one).
- **Automatic:** automatic detection and adjustment of box height.
- There is a version of the machine to work with fixed height.



DESCRIPTION

STANDARD

Standard closure refers to a cap with 4 flaps sticking to the sides of the box.



FLAT LID CLOSING

This adaptation is used for closing Plaform® boxes or similar that have a a ledge or shelf to glue the lid to.



LID BOX C-1 CLOSING

The closing is done by forming a C-1 box Cover



TYPES OF CLOSURES