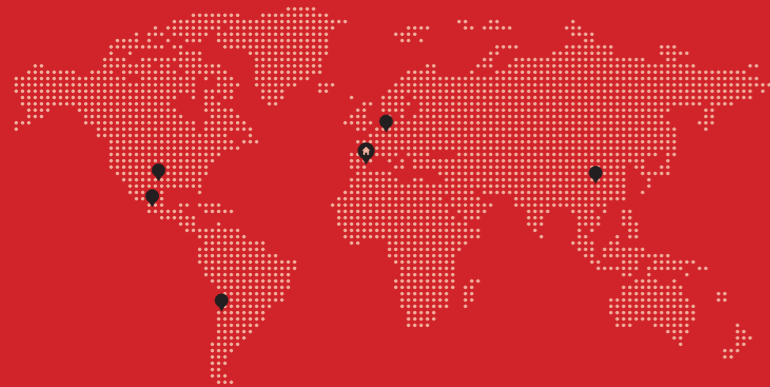






**Dedicate** our efforts and the means at our disposal to improving that which can be made better.

**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

TRAY FORMING MACHINE



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# Q-2400

Efficient, flexible and practical



[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 Q-2400

TECHNICAL SPECIFICATIONS

OPERATION	Mechanical, Electrical and Pneumatical
GLUE SYSTEM	Hot Melt, Glue Injection
BOX DESIGN	Plaform®, P-84®, Citrus Box, C-1, Big Ear, Open Column
PRODUCTION	From 300 up to 2400 Tp/h
TOTAL POWER	6Kw (Optional compressor)
NET WEIGHT	1.700 Kg
ELECTRICAL SUPPLY	380/220 V (3F+N+PE) - 50/60 Hz
CHANGE OF SIZE	Manually by use of threaded roads and counters
CHANGE OF SIZE (IN TIME)	10 to 15 min. Aprox.
CHANGE OF DESIGN (IN TIME)	20 to 40 min. Aprox.
WORKING AIR PRESSURE	7 BAR (7 kg/cm <sup>2</sup> )
AIR CONSUMPTION	425 litres/minute (erecting Plaform®)
MACHINE FRAME	4mm Steel plate
MACHINE DIMENSIONS	L: 3270 mm. A: 1760 mm. H: 2165 mm. / 128.74 x 69.29 x 84.88 in.

MAIN FEATURES

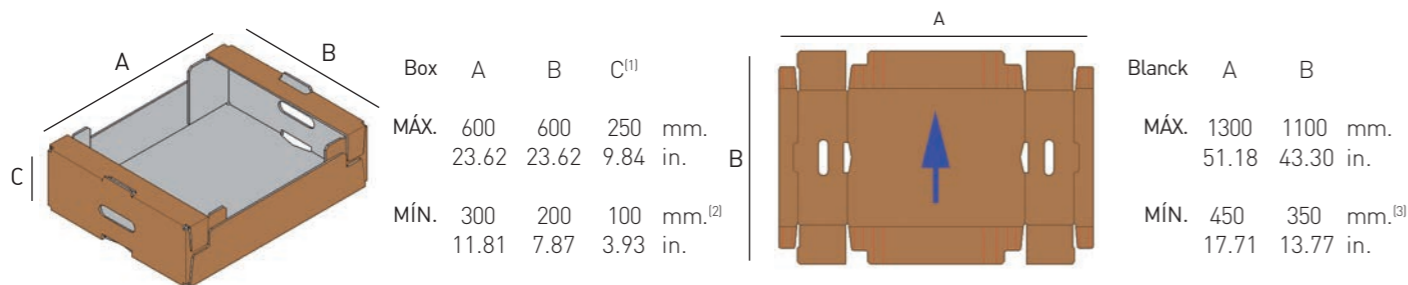
**PROGRAMMING THROUGH**  
simple and user friendly TOUCH SCREEN.

**LOADING AT REAR**  
– Horizontal blank hopper.  
– The blanks are pulled down by suction cups with vacuum generated by Ventury valve.  
– Automatic blowing function for cleaning the suction cups.

**BLANK INTRODUCTION IS AUTOMATIC AND USES:**  
– Pusher with chain.  
– A motor with clutch that “slips” in case of jam thus maintaining the “0” point of the machine.

– An encoder that controls:  
• Blank control.  
• Glue injection.  
• Vacuum management.  
• Stroke of the mandrel.

DIMENSIONS



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

<sup>(3)</sup> Small mould necessary.

DETAILS



# Innovation and efficiency that improve productivity

The Q-2400 combines **INNOVATION and FLEXIBILITY** in a machine capable of satisfying the most stringent customer requirements.

The Q-2400 is not a conventional machine, thanks to its 'sophisticated design it is ideal for working with a wide range of board grammages as well as multiple box formats.

As with all Boix machines the Q-2400 model is robust and durable, it requires less maintenance and has a high level of compatibility, the box forming sections are interchangeable with other Boix models.

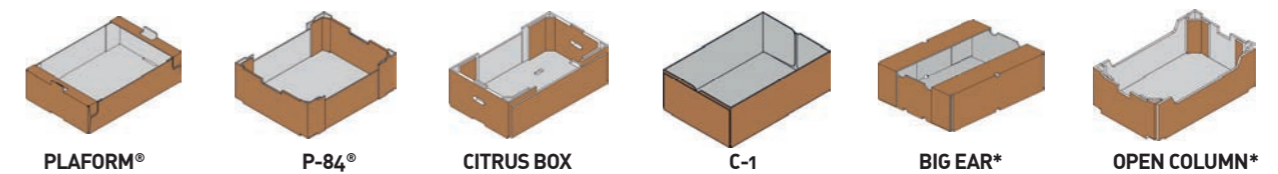
Without doubt one of the major advances is the speed of production and operation. **It has a sustainable top speed of 2.400 trays per hour (40 t.p.m.)**, a realistic size change time of 15 minutes and design change in just 40 minutes. To choose a Q-2400 is to invest.



\*Average time. It may vary depending on the box model.

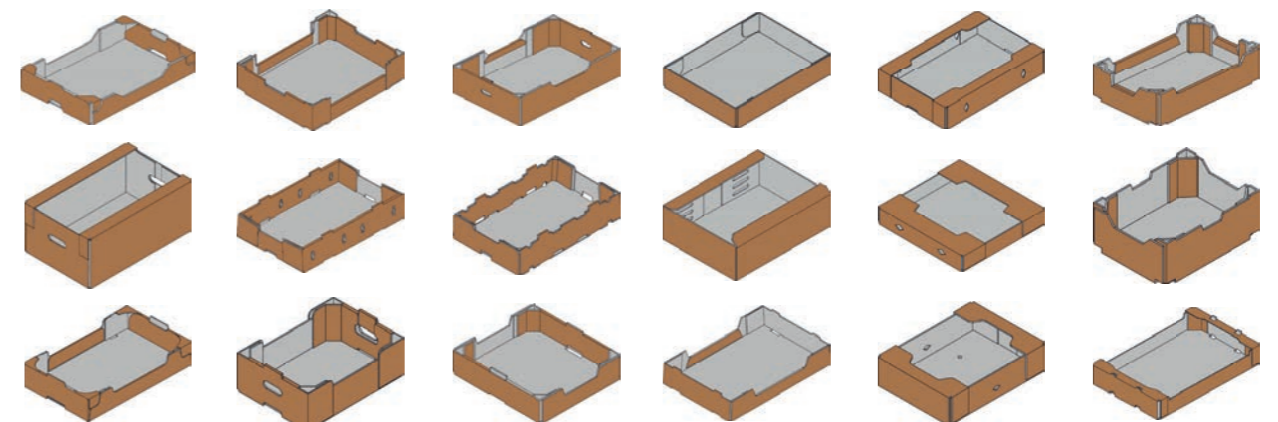
DESCRIPTION

**Effectiveness:** “Success in achieving a given goal”. With a Boix machine effectiveness is not an option, it is assured.



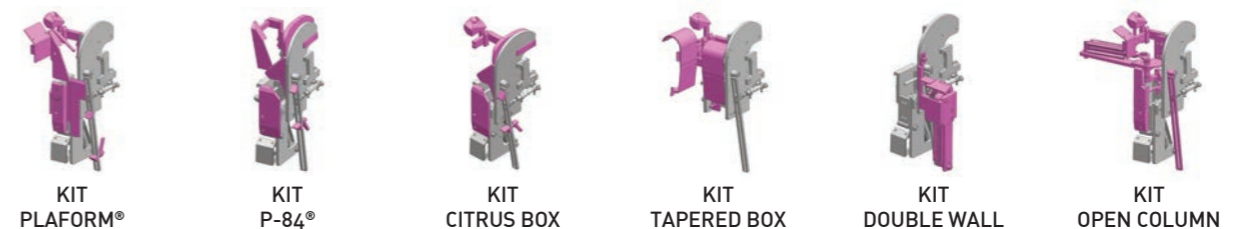
\* Subject to sizes

TYPES OF TRAYS



OPTIONS

**Flexibility:** “Designs that can adapt when external changes occur”. Thanks to our system of kits the machine can be adapted easily in order to form different box designs.



KITS