



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.

Your Box Forming Partner

TRAY
FORMING
MACHINE



-  **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.**

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Q-1600

Innovation and flexibility within your reach



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-1600

TECHNICAL SPECIFICATIONS

OPERATION	Mechanical, Electrical and Pneumatical
GLUE SYSTEM	Hot Melt, Glue Injection
BOX DESIGN	Plafom®, P-84®, Citrus Box, C-1, Big Ear, Open column
PRODUCTION	From 400 up to 1600 TpH (8 speeds)
TOTAL POWER	7 Kw (compressor optional)
NET WEIGHT	1.950 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 DESIGN (IN TIME)	20 to 40 min. Aprox.
WORKING AIR PRESSURE	7 BAR (7 kg/cm2)
AIR CONSUMPTION	250 litres/minute (erecting Plafom®)
MACHINE FRAME	4mm Steel plate
MACHINE DIMENSIONS	L: 4810 mm. A: 2165 mm. H: 2285 mm / 189.37 x 85.23 x 89.96 inches

MAIN FEATURES

Machine driven by three motors synchronized by encoders working in servo mode, controlling blank feeding, introduction and mandrel action.

Blank feeding from the rear of the machine:

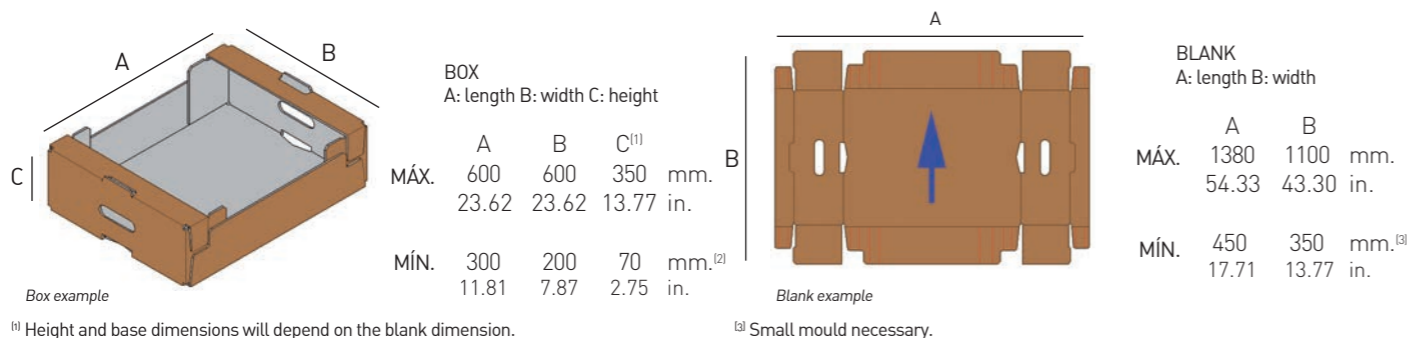
- High capacity vertical hopper (1.5 m.)
- Vacuum by venturi.

Quick change for boxes with the same base and different heights (1 minute).

Easy access to any point of the machine.

- Gull wing doors.
- Steps are not required for loading blanks or filling the glue tank (loading at floor level).

DIMENSIONS



DETAILS



Flexibility, autonomy and effectiveness

Boix Machinery aims to design and build machines that satisfy your most demanding production needs. **In the Q-1600 development we have mixed autonomy, production and a high level of ergonomics.** The result is a machine that includes: High capacity hopper, the possibility of changing the height of a box in 1 minute and floor level access to the machine.

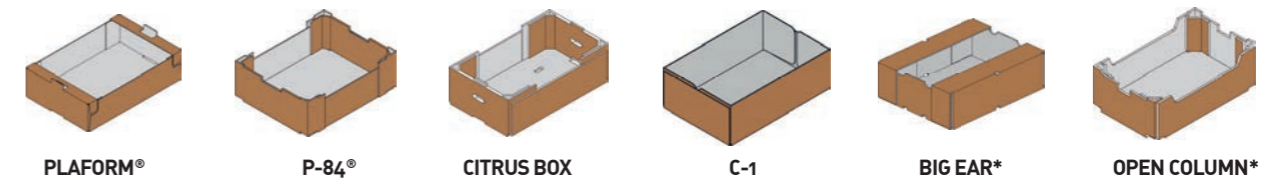
Like the rest of the machine range, the Q-1600 is very flexible. It works with different board grades, forms multiple box designs and uses kits for different box designs which are compatible with other Boix models.

It is a machine that requires minimal maintenance, box tooling can be interchanged with those of others Boix machines. Q-1600 machine can reach upto 1.600 boxes per hour and with box depths of upto 350mm, depending on the box design and blank dimensions

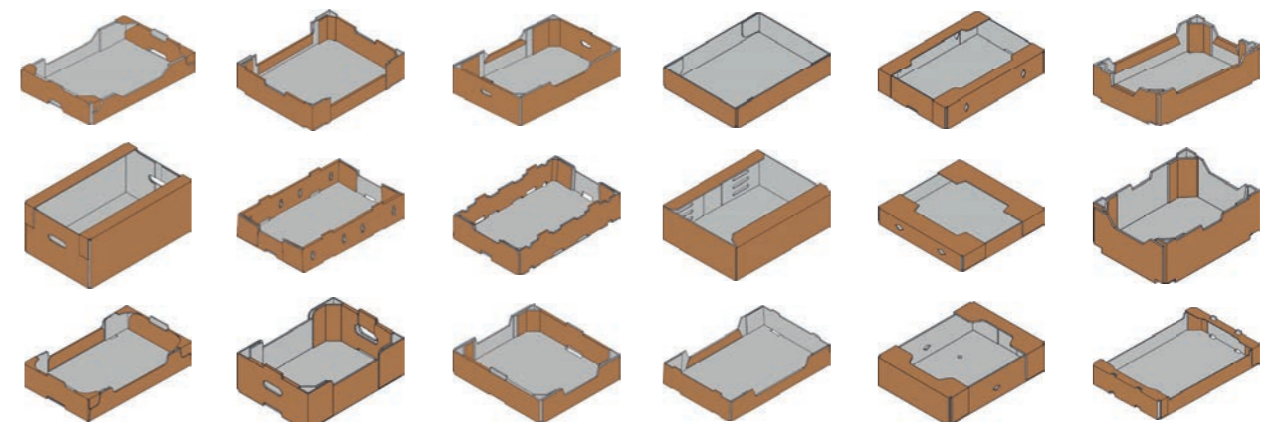


DESCRIPTION

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



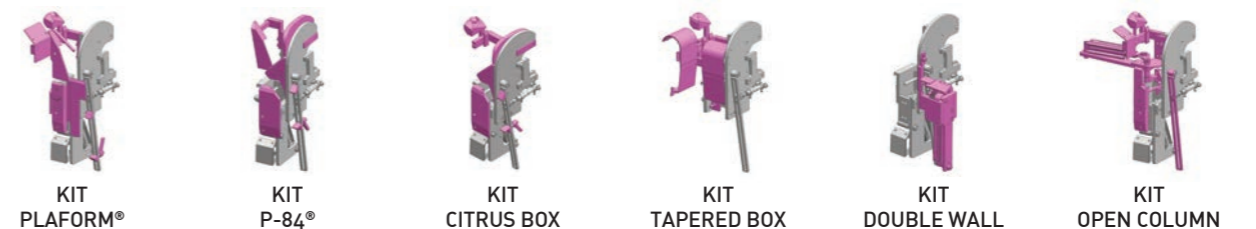
*Subject to sizes



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