

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.



-  **Technical service and support.**
-  **In-house produced spare parts.**
-  **More than 50 years of experience.**
-  **Customers in more than 91 countries.**
-  **More than 9.000 installed machines.**

YOUR BOX FORMING PARTNER

DOUBLE HEAD TRAY FORMING MACHINE



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Q-4000 / DE
Designed for high outputs

V001.20



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-4000/DE

TECHNICAL SPECIFICATIONS

OPERATION	Mechanical, Electrical and Pneumatical
GLUE SYSTEM	Hot Melt, Glue Injection (2 glue tanks and 2 automatic glue feeders)
BOX DESIGN	Plaform®, P-84®, Citrus Box, C-1, Open column
PRODUCTION	Up to 2000 trays/hour (Per head)
TOTAL POWER	14,5 Kw.
NET WEIGHT	2.200 Kg.
ELECTRICAL SUPPLY	380/220 V (3F+N+PE) - 50/60 Hz.
CHANGE OF SIZE	Manually by use of threaded rods and counters
CHANGE OF SIZE (IN TIME)	10 to 15 min. Aprox. (Per head)
CHANGE OF DESIGN (IN TIME)	20 to 40 min. Aprox. (Per head)
WORKING AIR PRESSURE	7 BAR (7 kg/cm ²)
AIR CONSUMPTION	700 litres/minute
MACHINE FRAME	4mm. Steel plate
MACHINE DIMENSIONS	L: 3385 mm. W: 2300 mm. H: 2680 mm. / 133 ^{17/64} x 90 ^{35/64} x 105 ^{33/64} in.

MAIN FEATURES

Double head machine including two auto glue feeders.

Possibility to form different types of boxes.

Loading from rear:

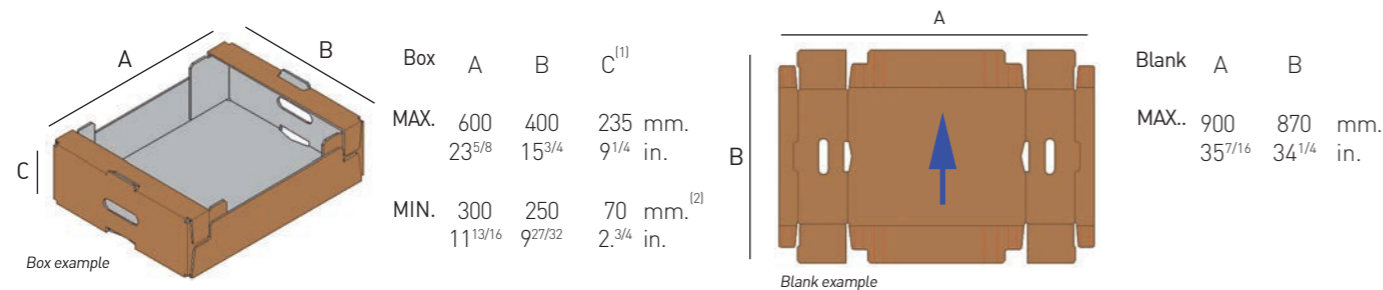
- Horizontal blank hopper
- The blanks are pulled down by suction cups with vacuum generated by Ventury valve.
- Automatic blowing function for cleaning the suction cups.

Programming through simple and user friendly touch screen.

Other features:

- 2 Glue tanks with weekly timers.
- Check-control and maintenance alarms via the programmer.
- Automatic central oil pump to enable machine maintenance.

DIMENSIONS



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

DETAILS



Fully mechanical machine

Two head mechanical machine with one motor.

Production speeds controlled by one speed variator.

Possibility to set each head to form different boxes.

System can be adapted to work in line, machine will produce boxes on demand, controlling each side separately.

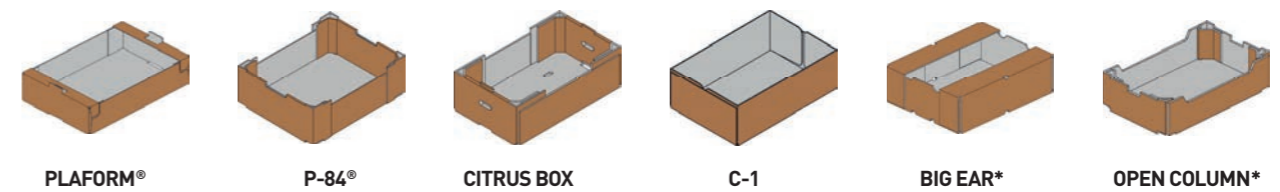
Two automatic glue feeder included to increase glue tank autonomy and reduce maintenance.



(* Optional stackers. Consult commercial staff.

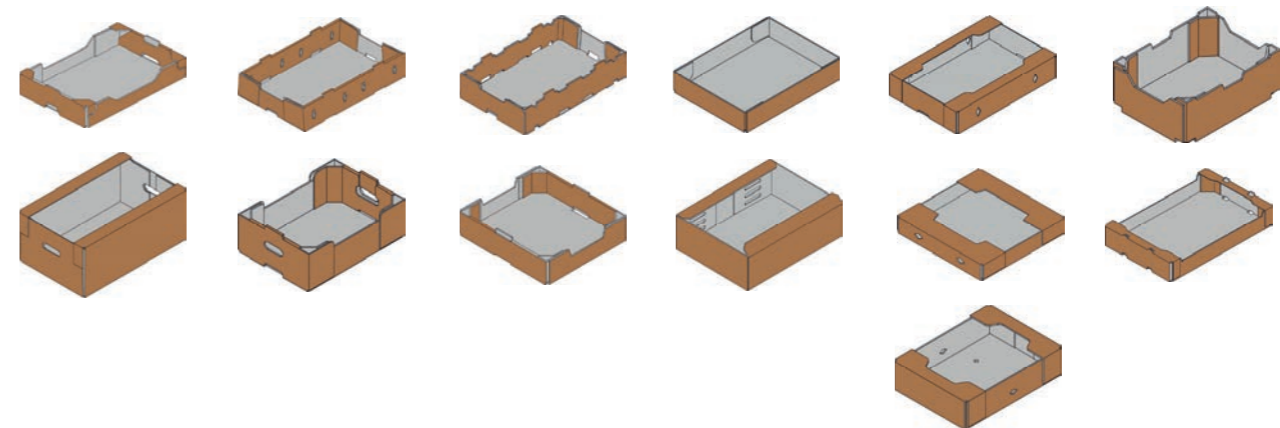
DESCRIPTION

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



* Ask about 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