



Dedication, Innovation and Commitment...
...is our way of doing Business.

More than 7,000 machines sold makes Boix Machinery the **leading manufacturer of tray erectors**, our **experience of over 40 years** speaks for itself of the quality of build, design and service as well as the variety of our machinery offer tailored to our customer's needs.

Listening to our customers is the only true way to provide the service you deserve. Starting with a concept our design and production teams go to work to create a machine adapted to our customer's needs using the best materials, components and control systems available.

All round service excellence is our goal. From the receipt of an order right up to the point of delivery **all production processes are controlled by our own highly qualified team of professionals** achieving a complete service.

AT BOIX WE TAKE QUALITY VERY SERIOUSLY, A SATISFIED CUSTOMER IS OUR MOST IMPORTANT ASSET

For more information visit www.boix.es



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.

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MAKE A DIFFERENCE **PREMIUM PREMIUM** MAKE A DIFFERENCE

TRAY
ERECTOR



FP4/2M

DESIGNED TO SUIT YOUR NEEDS

TECHNICAL SPECIFICATIONS

OPERATION	Mechanical, Electrical and Pneumatic
GLUE SYSTEM	By Injection, Hot-Melt (Nordson Mesa 14)
BOX DESIGN	Open Column, Closed Column, Plaform, P-84, Citrus Box
ESTIMATED PRODUCTION	From 1.100 to 2.100 T/h (6 Speed)
TOTAL POWER	7,5 Kw.
NETT WEIGHT	2.000 Kg
ELECTRICAL SUPPLY	(3F + N+T) 380 VAC - 50/60 Hz
INTRODUCTION SYSTEM	By Vacuum
SIZE CHANGE	20-40 min. approx.
WORKING AIR PRESSURE	7 Bar
AIR CONSUMPTION	700 l/min (a 2.100 t/h) + Stacker
CHASIS FRAME	4 mm. Steel Plate
MACHINE DIMENSIONS	L: 5.470 mm W: 1.640 mm A: 2.410 mm

MAIN FEATURES

SYNCHRONIZATION
The machine is equipped with two motors each with it´s own drive but both controlled by the same PLC for timing. Thus the speeds of the machine are always co-ordinated.

HOPPER
The ergonomic design of the machine means that loading and all operations can be done from floor level with no need for steps.

ZERO POINT
The machine incorporates a clutch on the introduction motor which maintains the "0" point of the machine in case of board jams.

AUTOMATIC COMPENSATION
When changing speeds the glue lines are automatically adjusted so that they are always in the correct place and the correct length.

AIR PRESSURE
There is a central panel for the air pressure gauges, if the there is insufficient air pressure the machine will not run.

MID SECTION LIFT
The upper part of the mid section of the machine where the corner columns are formed can be raised via pneumatic cylinders in order to quickly and easily clear any board blockages.

AIR RECEIVER TANK
The machine counts with an internal air receiver tank assuring a steady air flow for the pneumatic operations. This tank has an auto purge system for discharging accumulated excess water.

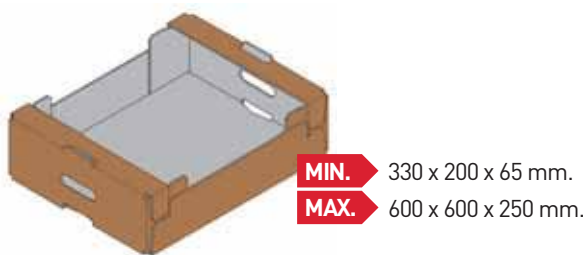
SAFETY
All the safety interlocks are dual circuitwired with CE safety rating classification "D".

GLUE EQUIPMENT TIMER
The glue equipment can be turned on and off at distinct preset times each day. There is also a standby function that will cut in when the machine has not run for a predetermined time to avoid cooking the glue and undue wear and tear of the glue equipment.

TOUCH SCREEN
The machine has a colour interface touch screen for programming. The screens can be set to various languages and enables the operator easily operate the machine as well as trouble shoot.

OUT FEED STOP
When connected to an out feed conveyor or stacker the machine will automatically stop if there is a back up of formed boxes on these elements.

BOX/BLANK DIMENSIONS



FP4/2M

PREMIUM MAKE A DIFFERENCE

UNDERSTANDING YOUR NEEDS HELPS US TO IMPROVE CONTINUALLY



At Boix we strive to always offer our customers the best. For that reason we have subjected the FP4 model to an exhaustive re-design process. The new FP4/2M model has an innovative design, it is easier to operate and maintain and is more efficient than ever.

Ergonomics. The new FP4/2M has been designed with a lower frame which means that it´s operation, regulation and maintenance are all done at floor level without the requirement for steps or work platforms.

The incorporation of a new intuitive interface screen makes the programming and operation more user friendly.

The addition of the **mid section lift**, for clearing board jams, greatly reduces the time and effort required should a board become jammed or blocked in this section of the machine.

What has not changed is the build quality and the **Flexibility** of the machine. The new FP4/2M can run open and closed column boxes as always as well as the option to make standard trays such as Plaform, P-84 and many more.

Increased **Productivity** with 50% higher production reaching upto 2,100 trays per hour (35 t.p.m.).

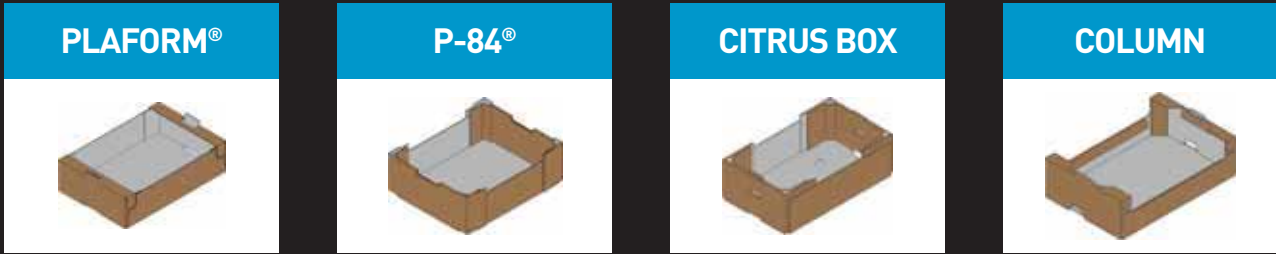
FP4/2M BOIX EFFICIENCY AT ALL TIMES LEADING THE INDUSTRY



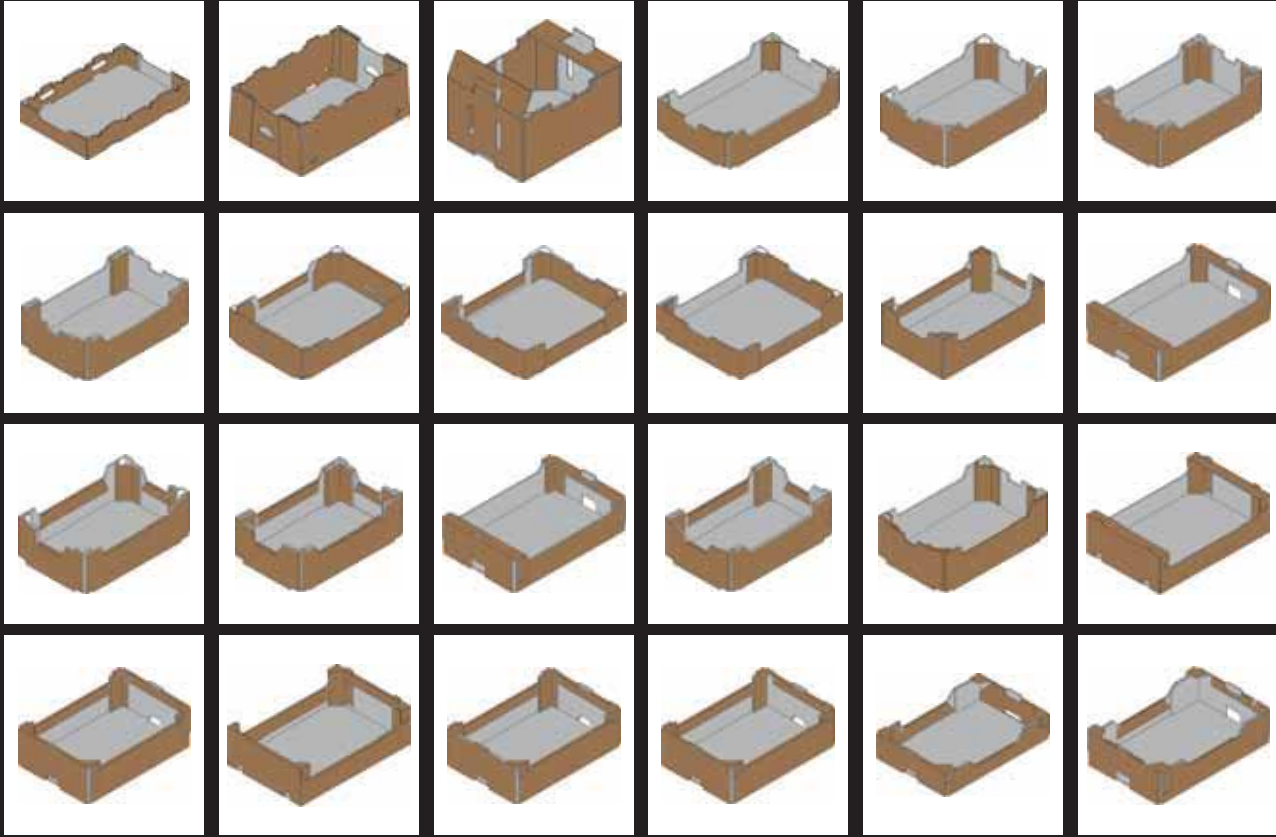
A MULTITUDE OF BOX POSSIBILITIES

POSSIBILITIES OF APPLICATION BY SECTOR

FRUIT AND PRODUCE, FOOD AND DRINK, NON FOOD.



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



Flexibility: "Designs that can adapt when external changes occur". Our machines can be adapted to form different box designs.