



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



MAKE A DIFFERENCE PREMIUM PREMIUM MAKE A DIFFERENCE

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

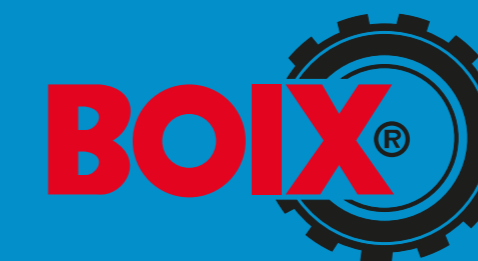
Innovate to provide advanced solutions to a constantly changing market.

Commitment to achieve and surpass your expectations.

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TRAY
ERECTOR



FP4 / 2M

DESIGNED TO SUIT YOUR NEEDS

FP4 / 2M
PREMIUM MAKE A DIFFERENCE

“MADE TO MEET
YOUR NEEDS”

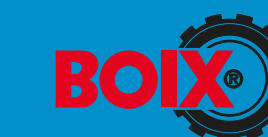


In Boix machinery we work to equip your business with the best tools and solutions, that is why we have redesigned our FP4/2M so you can respond to any changes in the market.

The main novelty of this new machine design, is that you can purchase a standard machine (model 2M1) to make a single column box, but if the market demands a change, the new PF4 / 2M allows you to upgrade your machine and move it to a higher model without buying a new one, just wit an upgrade Kit you can transform your FP4/2M1 or M2 into a FP4/2M3 machine.

We maintain all the features that have made a benchmark in FP4/2M tray erectors , such as: **speed**, up to 2,100 boxes / hour depending on the box model, **flexibility**, able to erect both closed and open column boxes , optionally can erect other formats like Plaform , P -84 , etc., **ergonomics** with technological solutions applied to solve problems of adaptation between man and machine and allows easier access to all mechanisms of the machine as well as a load of blanks much easier without any steps , these are just some of the main qualities of the FP4/2M machine.

FP4 / 2M ADAPTED TO YOUR PRODUCTION NEEDS.

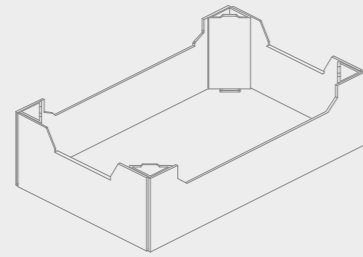


MADE TO MEET YOUR NEEDS

FP4/2M1



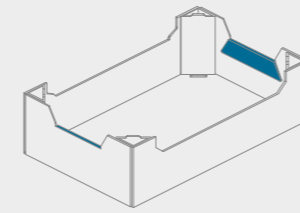
OPTIONAL
Double wall kit in the direction of advance of the blank



FP4/2M2



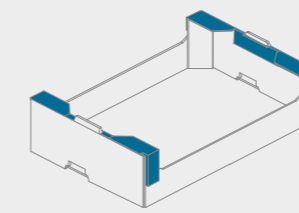
INCLUDES
Folding shafts
OPTIONAL
Double wall kit in the direction of advance of the blank



FP4/2M3



INCLUDES
Complete mould for column boxes and Plaform or P84/Citrusbox
Folding shafts
Guide for boxes without column
Retractable Guides
OPTIONAL
Double wall kit in the direction of advance of the blank



DESIGNED TO MEET YOUR PRODUCTION NEEDS

WORK TO ENHANCE AND IMPROVE YOUR PRODUCTIVITY

POSSIBILITY TO UPGRADE TO FP4/2M3

POSSIBILITY TO UPGRADE TO FP4/2M3

MAIN FEATURES

SYNCHRONIZATION

The machine is equipped with two motors each with its own drive but both controlled by the same PLC for timing. Thus the speeds of the machine are always coordinated.

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 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 circuit wired with CE safety rating classification "D".

FP4/2M (ALL VERSIONS)

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.

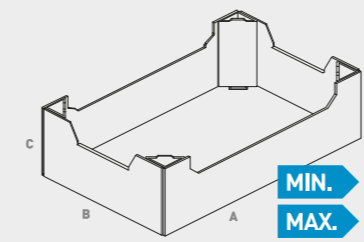
TECHNICAL SPECIFICATIONS

FP4/2M (ALL VERSIONS)

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	380/220 V - (3f + N + PE) - 50/60 Hz
INTRODUCTION SYSTEM	By Vacuum
SIZE CHANGE	30-50 min. approx.
WORKING AIR PRESSURE	7 Bar
AIR CONSUMPTION	525 l/min (2M1); 670 l/min (2M2); 700 l/min (2M3)
CHASIS FRAME	4 mm. Steel Plate
MACHINE DIMENSIONS	L: 5.470 mm W: 1.640 mm A: 2.410 mm

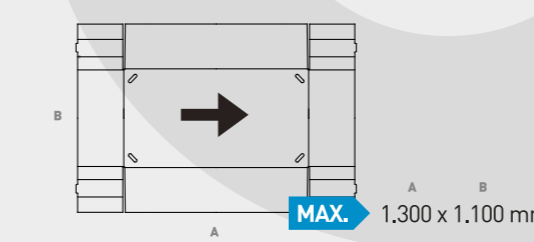
* Depending on machine model

BOX / BLANK DIMENSIONS



MIN. 330 x 200 x 65 mm.
MAX. 600 x 600 x 250 mm.

BOX / BLANK DIMENSIONS (ALL VERSIONS)



MAX. 1.300 x 1.100 mm.

INCLUDES

MODEL	MOULD TYPE	INCLUDES*
2M1	Column	NORDSON MESA 14-6 / 4 Glue guns H-201 / 4 hoses / former and folding doors
2M2	Column	NORDSON MESA 14-6 / 4 hoses and 4 guns / (2 x H-201 + 2 x H-206) / former and folding doors
2M3	Configurable (Plaform+Column)	NORDSON MESA 14-6 / 4 hoses and 4 guns / (2 x H-201 + 2 x H-206) / former and folding doors / retractible guides / box without columns guides

* Double Wall (optional on all versions)

A MULTITUDE OF BOX POSSIBILITIES

POSSIBILITIES OF APPLICATION BY SECTOR

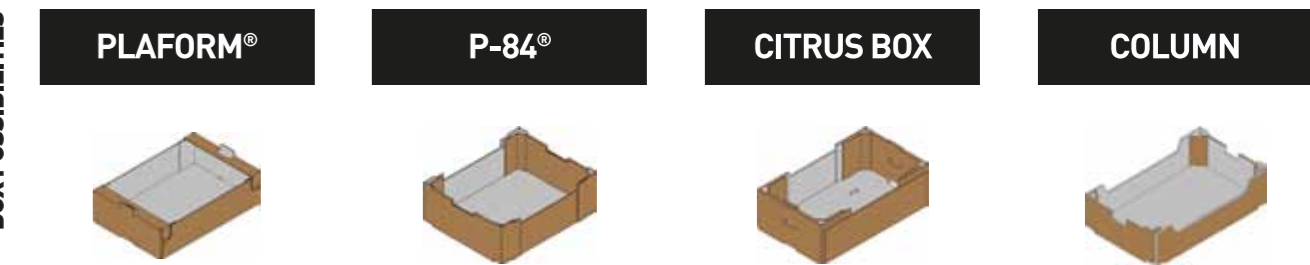
FRUIT AND PRODUCE,
FOOD AND DRINK,
NON FOOD.

COLUMNS

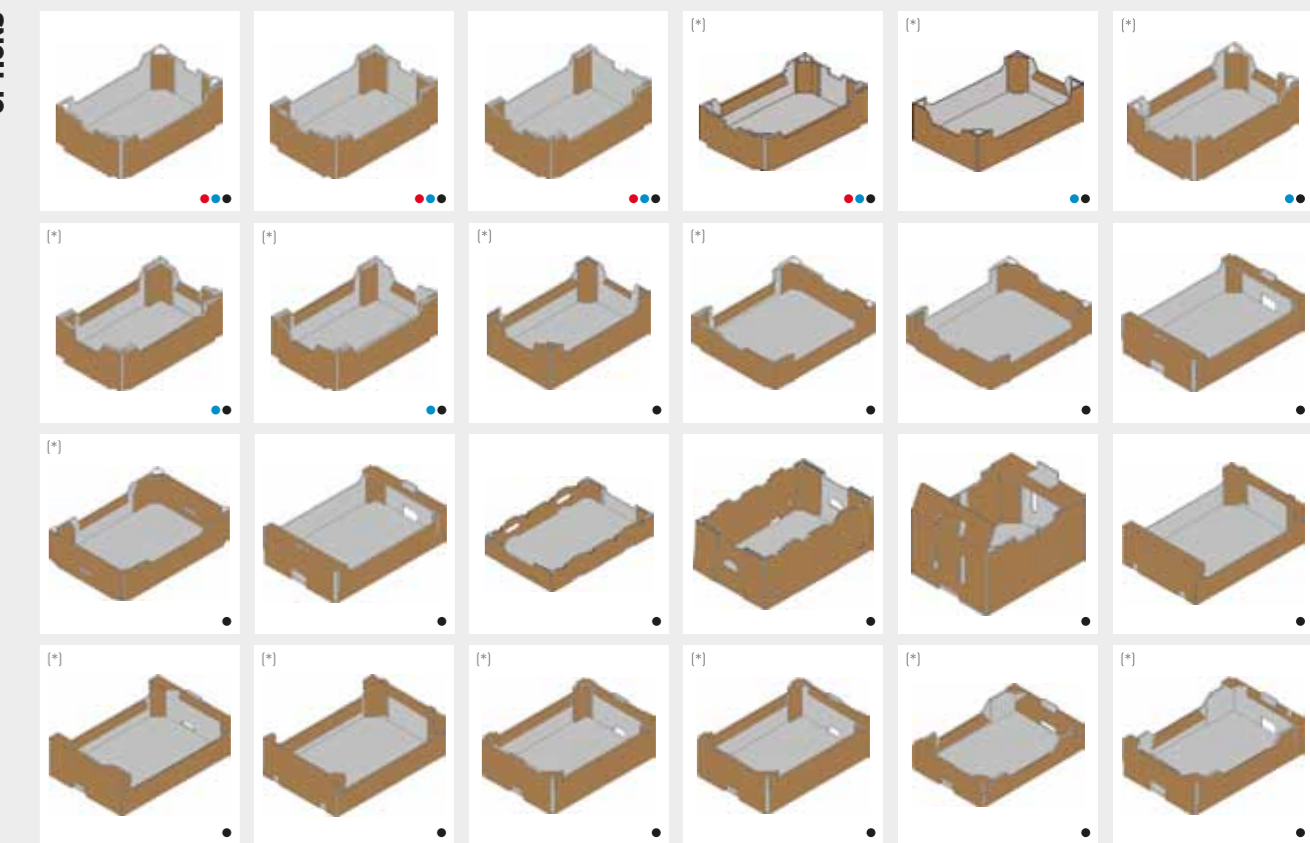


Efficacy: "Success in achieving a given goal". With a Boix machine efficacy is not an option, it is assured.

BOX POSSIBILITIES



OPTIONS



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

* Double Wall (optional on all versions)

2M1 2M2 2M3