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V001.20

YOUR BOX FORMING PARTNER

Bliss Box and
Tray Former

MBL-3P

Dual purpose machine

AGRICULTURE CARDBOARD FOOD INDUSTRY

ALL ABOUT THE **MBL-3P**

TECHNICAL **SPECIFICATIONS**

	MBL-3P	MBL-3P/DUAL
OPERATION	Mechanical, Electrical and Pneumatic	
GLUE SYSTEM	Hot Melt, Glue Injection	
BOX DESIGN	Bliss	Plaform,® P-84,® Citrus Box, Open Column, Bliss
PRODUCTION	From 1000 up to 2000 TpH. (6 speeds)	
TOTAL POWER	7 Kw.	
NET WEIGHT	1990 Kg.	
ELECTRICAL SUPPLY	380/220 V (3F+N+PE) - 50/60 Hz.	
INTRODUCTION SYSTEM	By vacuum	
CHANGE OF SIZE	Manually by use of threaded rods and counters	
CHANGE OF SIZE (IN TIME)	15 - 40 min. Aprox.	
WORKING AIR PRESSURE	7 BAR (7 kg/cm2)	
AIR CONSUMPTION	300 litres/minute	485 litres/minute
MACHINE FRAME	4 mm. Steel plate	
MACHINE DIMENSIONS	L: 3.765 mm A: 2.800 mm H: 2.755 mm. / $148^{15/64}$ x $110^{15/64}$ x $108^{15/32}$ in.	

MAIN **FEATURES**

It incorporates different auto-control systems to ensure the gluing of the box.

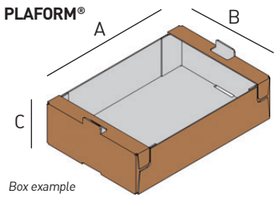
Easy handling and size change systems:
- Includes a timer to switch the glue tank on and off.
- Does not require specialized personnel.
- Robust and low-maintenance machine.
- Automatic lubrication pump.

Versatility: the dual version can form multiple designs of boxes: Bliss 3 pieces), Plaform®, P-84® and open Column boxes.

Control and precision:
- Speed control (6 speeds).
- Automatic adjustment of the glue.

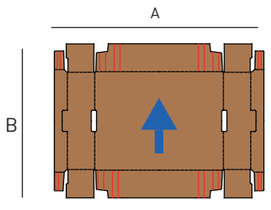
DIMENSIONS

PLAFORM®



Box example

Boxes	A	B	C[1]	
MAX.	600 $23^{5/8}$	600 $23^{5/8}$	300 $11^{13/16}$	mm. in.
MIN.	300 $11^{13/16}$	200 $7^{7/8}$	100 $3^{15/16}$	mm. in.

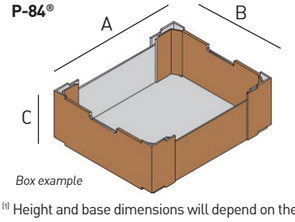


Blank example

Blank	A	B	
MAX.	1400 $55^{1/8}$	1100 $43^{5/16}$	mm. in.

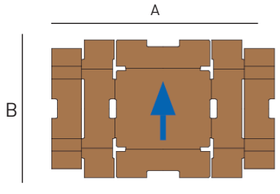
[1] Height and base dimensions will depend on the blank dimension.
[2] Boxes under 100mm will need the low box kit.

P-84®



Box example

Boxes	A	B	C[1]	
MAX.	600 $23^{5/8}$	600 $23^{5/8}$	300 $11^{13/16}$	mm. in.
MIN.	300 $11^{13/16}$	200 $7^{7/8}$	70 $2^{3/4}$	mm. in.



Blank example

Blank	A	B	
MAX.	1400 $55^{1/8}$	1100 $43^{5/16}$	mm. in.

[1] Height and base dimensions will depend on the blank dimension.

Many Options and possibilities

DESCRIPTION

The MBL-3P machine is specially designed for forming Bliss boxes.

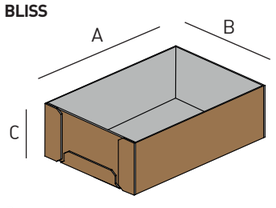
This model has 2 different versions:

- Model MBL-3P only forms Bliss boxes.
- The model MBL-3P DUAL is very similar to the standard, and can also form standard 3 piece designs such as Plaform®, P-84® and Open Column boxes.

DETAILS

DIMENSIONS AND TRAY SEQUENCIES

BLISS

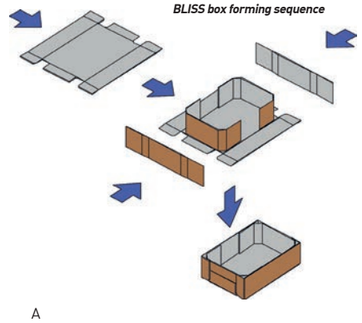


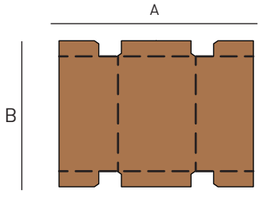
Box example

Boxes	A	B	C[1]	
MAX.	600 $23^{5/8}$	600 $23^{5/8}$	350 $13^{25/32}$	mm. in.
MIN.	300 $11^{13/16}$	200 $7^{7/8}$	100 $3^{15/16}$	mm. in.

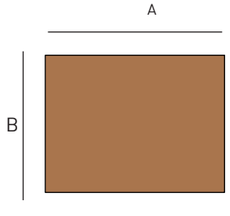
[1] Height and base dimensions will depend on the blank dimension.

BLISS box forming sequence





Blank	A	B	
MAX.	1.100 $43^{5/16}$	1.000 $39^{3/8}$	mm. in.
MIN.	400 $15^{3/4}$	440 $17^{21/64}$	mm. in.



End Panels

	A	B	
MAX.	800 $31^{1/2}$	350 $13^{25/32}$	mm. in.
MIN.	320 $12^{19/32}$	75 $2^{61/64}$	mm. in.