



**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

MACHINE FOR  
TOP SEAL PUNNETS



-  **Technical service and support.**
-  **In-house produced spare parts.**
-  **More than 45 years of experience.**
-  **Customers in more than 85 countries.**
-  **More than 8.800 installed machines.**

<b>BOIX MAQUINARIA</b> Pol. Ind. La Granadina C/Dinamarca s/n (Fase 1) Nave, Puerta 11 03349 San Isidro (Alicante) España. Tel: (+34) 96 60 60 100 sales@boix.es	<b>BOIX EUROPE B.V.</b> Louberweg 6 6961 EK Eerbeek The Netherlands. Tel: (+31) 313 670 460 sales@boixeuropa.com	<b>MAQUINARIA BOIX</b> MÉXICO SA. de CV. Av. Oleoducto Nº 201 Nave L, Col. Cd. Industrial 37490 - León, Gto. México. Tel: (+52) (477) 170 0000 ventas@boix.mx	<b>BOIX CHILE S.A.</b> El Roble 375, Bodega J Loteo Ind. Valle Grande Lampa, Santiago de Chile. Tel: +56 (2) 2361 2600 ventas@boix.cl	<b>BOIX MACHINERY</b> USA L.L.C. 15024 Farm to Market Road 529 Houston 77095 (Texas) USA Tel: (+1) 713 491 2820 sales@boix.us	<b>BOIX ASIA</b> Equipment Co., Ltd. Building 4 No.1288 Kanghe Road, Xiuzhou District, Jiaxing City, Zhejiang Province (China) Tel: (+86)-(0)2180365421 sales@boixasia.com	<b>BOIX MACHINERY</b> INDIA P.L. MIDC Chakan Phase IV A-7/2/C14 Opp Mahindra Nigho Khed Pune Maharashtra 410501 India Tel: (+91) 9890449462 sales@boix.in
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# MCT-1/TS

Automatic and adjustable machine specially designed for Top Seal Punnets





# ALL ABOUT THE MCT-1/TS

TECHNICAL SPECIFICATIONS

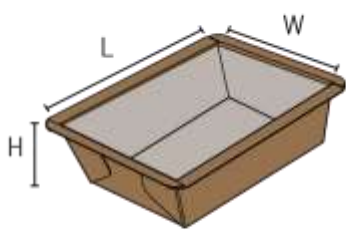
OPERATION	Mechanical, Electrical and Pneumatical
GLUE SYSTEM	Hot Melt, Glue Injection + 2 feeder containers
BOX DESIGN	Top Seal Punnets
PRODUCTION	Up to 2400 tp./h. per head (4 speeds)
TOTAL POWER	13 Kw.
NET WEIGHT	1.492 Kg.
ELECTRICAL SUPPLY	380/220 V (3F+N+PE) - 50/60 H.z
INTRODUCTION SYSTEM	By vacuum
WORKING AIR PRESSURE	7 BAR (7 kg/cm2)
AIR CONSUMPTION	730 Litres/ Minute
MACHINE FRAME	Welded 10 mm. Steel plate
MAXIMUM BOX SIZE	310 x 210 x 100 mm.
MINIMUM BOX SIZE	100 x 90 x 40 mm.
MACHINE DIMENSIONS	L: 2500 mm. W: 1945 mm. H: 2220 mm. / 98 <sup>27/64</sup> x 76 <sup>37/64</sup> x 87 <sup>13/32</sup> in.

MAIN FEATURES

- A very compact double head machine.
- Punnets with a Top Seal ledge glued on the four corners.
- 2 Hot-Melt tanks with 2 feeder containers (fullfil).
- Servo controlled formers for folding the ledges.
- Two Hot-Melt glue tanks including a “melt on demand” for a better and constant supply of Hot-Melt granulate which ensures less frequent refills and a smaller chance of contamination.
- Stand-alone or inline modus possible.

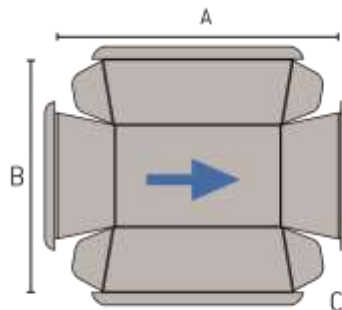
TOP SEAL DIMENSIONS [2]

Erected Measurements (not including ledge)



Box example

Punnet	L	W	H <sup>[1]</sup>
MAX.	310	210	100 mm. 12 <sup>1/5</sup> 8 <sup>1/4</sup> 3 <sup>15/16</sup> in.
MIN.	100	90	40 mm. 3 <sup>15/16</sup> 3 <sup>1/2</sup> 1 <sup>9/16</sup> in.



Blank example

	Blank	Ledge Depth	
	A	B	C
MAX.	600	500	15 mm. 23 <sup>5/8</sup> 19 <sup>11/16</sup> 9/16 in.
MIN.	150	150	10 mm. 5 <sup>15/16</sup> 5 <sup>15/16</sup> 3/8 in.

[1] Height and base dimensions are dependent upon the blank dimension.

[2] For other sizes or dimensions please contact us.

# The Top Seal Punnet Forming Solution

DESCRIPTION

At Boix we have designed and developed a machine that is capable of forming punnet with the 4 ledges folded down and glued on the 4 corners.

We have taken as a base one of our most iconic and tested machines, the MCT-1. We have adapted and incorporated the components and movements necessary to form a Top Seal tray.

The machine is capable of reaching speeds of upto 4,800 trays per hour

The forming head is driven by servo motors for a precise control.

Twin head machine with separate magazines, allowing for different sizes on each head.

Due to its easy handling it can be directly integrated into the customer's filling or packing line.



MACHINE DETAILS



\* Tray stacker optional.



PUNNET DETAILS

