BERMAQ®
ACRYLIC POLISHING & CNC MACHINES

DA

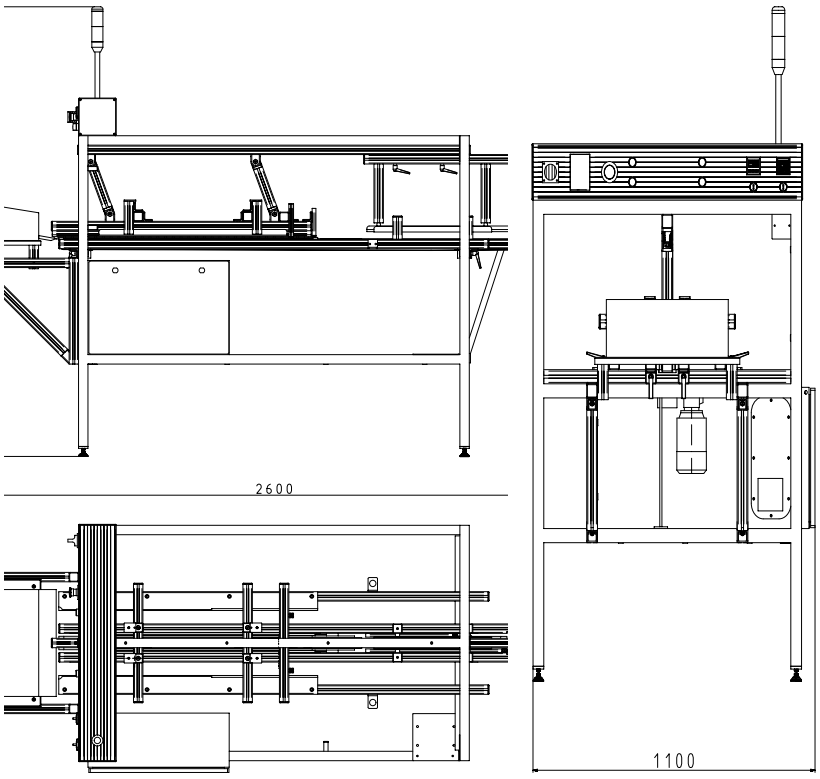
AUTOMATIC BENDING MACHINE FOR THERMOPLASTICS

The **DA machine** *is an automatic bending machine designed for folding a wide variety of plastic and acrylic sheets (PVC, PETG, styrene, polystyrene) into multiple shapes.*

This machine is intended to handle large production volumes at high speed. Unlike other models, the DA reduces manufacturing times and simplifies the workflow, while consistently maintaining bending quality.



EQUIPPED WITH 2 INDEPENDENT HEATING LINES



DA machine for plastic bending ON THE FLY

Technical characteristics of the machine:

Dimensions: 2,600 x 1,100 x 1,920 mm
2 independent heating elements
High-precision digital control regulators
Automatic part feeder, capacity 60 kg
Digital piece counter with stop function
Visual indicator for ON, OFF, obstacle
Production up to 5,000 pieces/hour depending on sheet size
HMI touchscreen
Part cooling system
Conveyor belt speed: 12 m/min – 30 m/min
Temperature range: 0°C – 150°C
Power supply: 230 V – 50/60 Hz
Total machine power: 1.4 kW

Características técnicas de la pieza:

Maximum unfolded sheet width:
450 mm (automatic feeding)
700 mm (manual feeding)
Maximum sheet length: 700 mm
Maximum sheet thickness: **0.3 – 0.8 mm**

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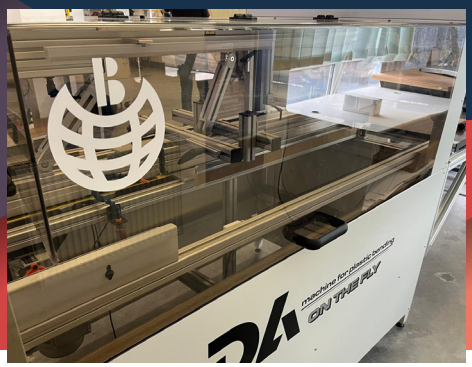
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The DA professional bending machine has been designed for the visual communication sector and the production of all types of POS materials such as shelf stoppers, price holders, promotional displays, and all kinds of in-store visibility solutions.

Thanks to its innovative bending system using a hot wire and conveyor belt, production is carried out "on the fly," eliminating downtime and drastically reducing manual intervention. It processes a wide variety of thermoplastic materials such as PETG, PVC, polystyrene, and acrylic, adapting to different thicknesses (up to 0.8 mm), formats, and geometries.



Enclosed design

The new BERMAQ DA bending machine stands out for its fully enclosed structure and modern design, providing protection for all internal components of the machine.
Equipped with protective polycarbonate panels on both sides of the machine.



Workpiece feeder

Equipped with an automatic feeding system with a digital piece counter.
It can perform one or two bends at different angles within the same cycle.
The thermal precision of the hot wire ensures clean, uniform, and mark-free bending lines, optimizing the final appearance of the part.

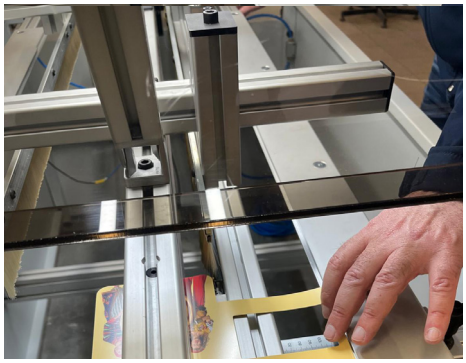


HMI screen

Touch control screen with functions for managing the heating elements' temperature, piece counter, conveyor belt display, and storable recipes.







Folding range from 0º to 180º, zig-zag or U folding (continuous folding)

For brochure or flyer holders, display bases, small merchandising stands, corner protectors, sign holders, menu holders, and more.



EXTERNAL DIMENSIONS
(LxWxH): 2600 x 1100 x 1600 mm
WEIGHT: 170 kg

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