

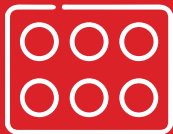
BENEFITS



- WHY IS SUPRAVAC 2 BETTER?**
- Robust for a 24h work.
 - First-class components.



- QUALITY OF FINISHED PRODUCT**
- Great forming quality.
 - Better part thickness distribution. Ideal for PP, PEAD, PC and Acrylic.



- MOLD ADVANTAGES**
- Quick mold setup/change.
 - Low cost molds.



Lakatos
TERMOFORMADORAS

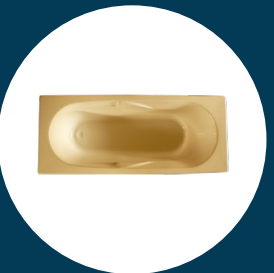
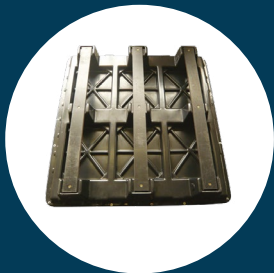
DOUBLE OVEN SINGLE STATION
THERMOFORMER. AUTOMATIC
SHEETS FEEDER (OPTIONAL)



| Thickness/Plastic type | PS, ABS, PET, PVC (cycles/hour) | PE and PP (cycles/hour) |
|------------------------|---------------------------------|-------------------------|
| 1mm | 42 to 64 | 28 to 41 |
| 2mm | 28 to 42 | 18 to 27 |
| 3mm | 20 to 30 | 13 to 20 |
| 4mm | 16 to 24 | 10 to 16 |
| 5mm | 13 to 19 | 8 to 12 |
| 6mm | 10 to 16 | 7 to 10 |

SUPRAVAC 2

Automatic single station Vacuum Forming machine. It has two high-output ovens, ideal for thermoforming thick sheets. It thermoforms all kinds of thermoplastics, including PEAD, PP, PC and Acrylic.



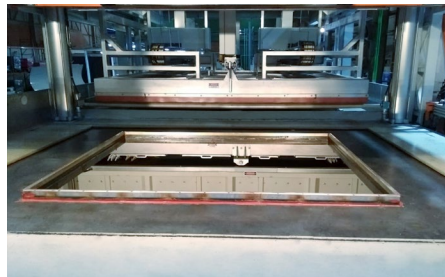
TECHNICAL FEATURES >

Automatic cycle unless loading sheet and part removal (optional automatic loading/unloading system).
In addition to choosing the size of the molding area, SUPRAVAC-2 can be equipped with optional items.
1-year guarantee on all parts and components.



TOP FRAME

Continuous adjustment frame to speed up the sheet size change.



FRAME REDUCTION

Fast fixed frame changing system.

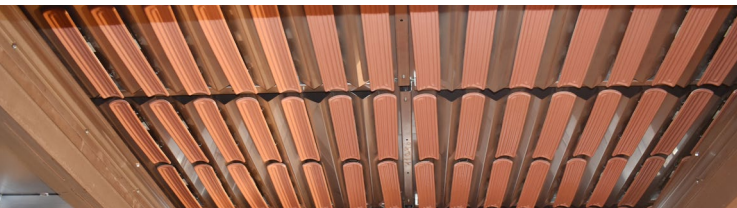
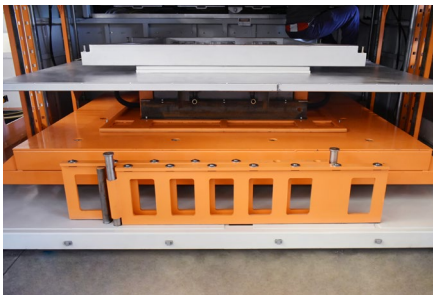


QUICK MOLD CHANGE

- Fast mold changing with transfer spheres on the mold table.
- Mold and plug fixtures by automatic clamping system (optional).

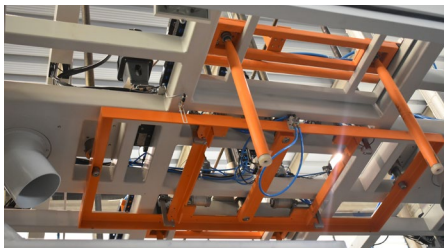
CLOSED MOLDING BOX/ SAG

- Sag control system during heating. This avoids the material falling into the bottom heater and keeps it as flat as possible to achieve higher part quality and lower heating time.
- Pre blow height control sensor.
- Smoke fan extractor during cooling.



OVENS

- **More heating accuracy and more energy saving.**
- Temperature control for each zone (PID auto tuning).
- Ovens with Ceramic infrared heaters.
- Infrared sheet temperature control sensor (optional).
- Ovens designed to save energy (cycle 30% of installed power).
- Heating distribution through resistance zones (zones up to 250 x 200mm).



PLUG/ FRAME PRESS SYSTEM

- Pneumatic or servo plug assist actuator (optional).
- Possibility to equip with sliding parts in the plug assist.
- Automatic width-adjusting frame press control for quick set up.



BLOWER

- Centrifugal high-flow blowers with low noise.
- Possibility to include water spray blowers to reduce piece cooling time (optional).



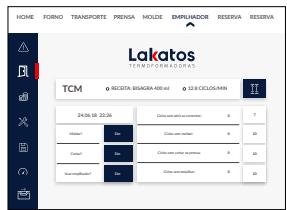
VACCUUM SYSTEM

- Vacuum system equipped with different stages of pressure x flow. Enables high flow output during molding and high negative vacuum pressure for greater end product definition.
- Equipped with high pressure oil sealed vacuum pump associated with negative pressure vessels.
- Compressed air to extract thermoformed part from the mold.
- Vacuum Tanks complying with occupational safety standard for machinery and equipment.

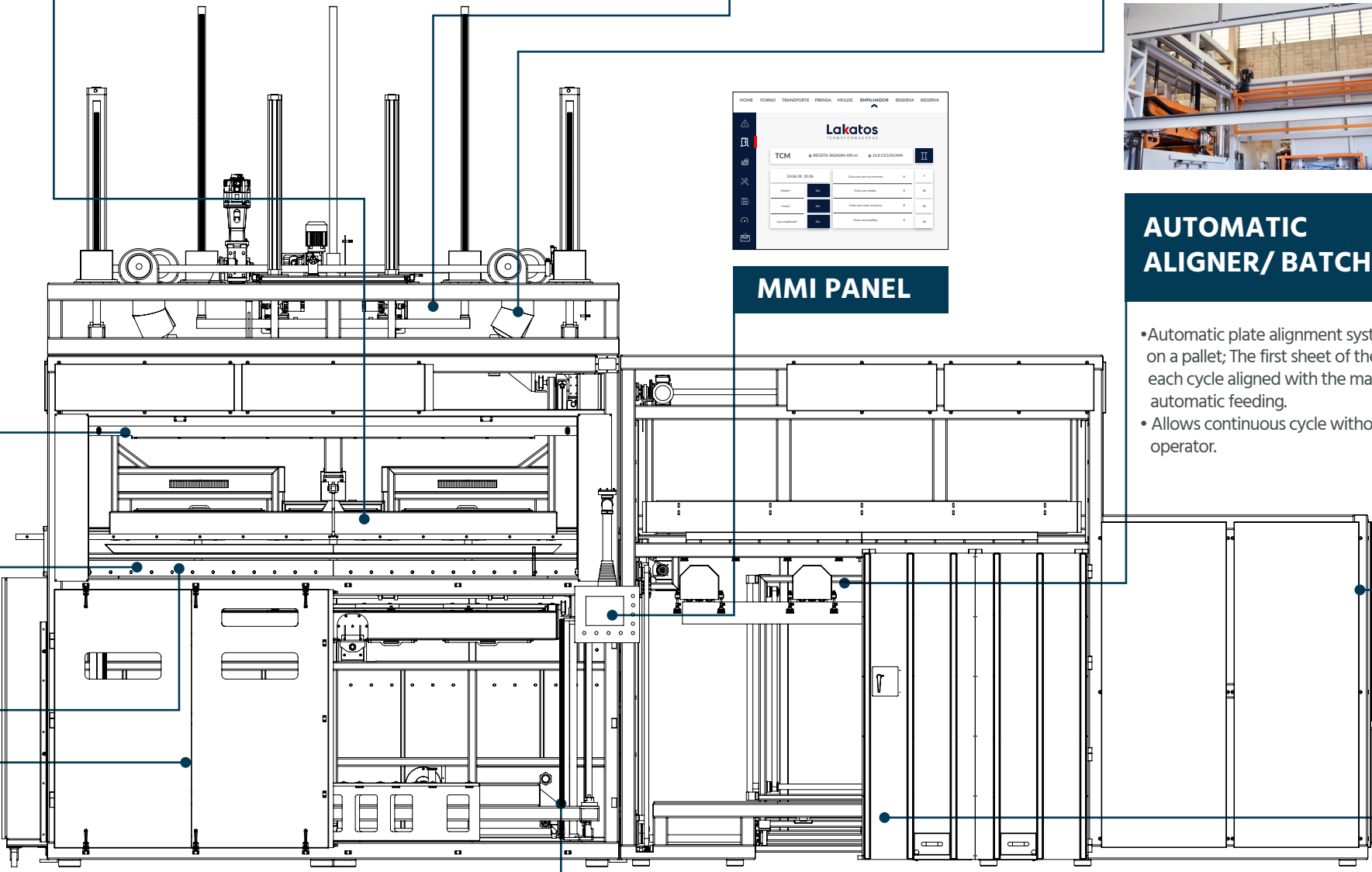


AUTOMATIC ALIGNER/ BATCH

- Automatic plate alignment system on a pallet; The first sheet of the stack is each cycle aligned with the machine for automatic feeding.
- Allows continuous cycle without operator.



MMI PANEL



TABLE

- Table with pneumatic actuators or servomotors.
- Rack alignment system.
- Manifold configurable Vacuum hose inlets at center of table or at the mold side.
- Operates with male and female molds.
- Temperature control for mold heating/ cooling (purchased separately).



AUTOMATIC FEEDER

- Sheets feeding and removal of finished parts.
- Feed table movement with servomotors.
- Suction cups with vacuum zones to pick up sheets.
- Possibility of using textured sheets.

**In accordance with
safety standards**

Lakatos 4.0
Connectivity, integration
and remote maintenance
for your shop floor.