



The Automatic Demoulder is designed to carry out the automatic demoulding of chocolate pralines and bars that are held inside moulds.

The production rate of this machine is 4 moulds per minute. It can, as an option, be loaded manually but it achieves a very high performance and productivity rate if combined with the SPIDER cooling tunnel. The moulds are automatically demoulded onto a rigid surface at the exit of the tunnel, hence avoiding manual intervention from the operator.

The mat will carry the product to the wrapping machine or to the packaging line.

### Mechanical characteristics

|                               |      |         |                 |
|-------------------------------|------|---------|-----------------|
| Overall dimensions            | [mm] | (LxWxH) | 1900x1050x1320  |
| Empty weight                  | [kg] |         | 400             |
| Material in contact with food |      |         | inox AISI 304 L |
| Gaskets                       |      |         | PTFE            |
| No. of pivoting wheels        |      |         | 4               |

### Electrical characteristics

|                                  |       |               |
|----------------------------------|-------|---------------|
| Total installed power            | [kW]  | 1,5           |
| Supply voltage                   | [VAC] | 220           |
| Number of phases                 |       | 1             |
| Frequency                        | [Hz]  | 50 / 60       |
| Auxiliary voltage                |       | -             |
| Enclosure degree of protection   |       | IP65          |
| Connection type: industrial plug |       | 16A - 3 poles |

### Characteristics pneumatic system

|                          |         |                            |
|--------------------------|---------|----------------------------|
| Minimum working pressure | [bar]   | 6                          |
| Minimum flow rate        | [l/min] | 100                        |
| Air characteristics      |         | filtered, dry and de-oiled |

### Process features

|                    |          |           |
|--------------------|----------|-----------|
| Belt maximum speed | [moulds] | 250 / 300 |
| Hourly production  |          | -         |

