TECHNICAL SPECIFICATIONS

External measurements

height 2400 mm length 2000 mm width 1200 mm

Surface of the mold housing platform

1200x900 mm

Vertical movement

from 200 mm to max 1800 mm

System IP67 system with water protection

Operation

Pneumatic operation with electric assistance for controller and sensors

Power 220V

Construction

stainless steel AISI 304



EXEL200-1800









FUNCTIONALITY

The **EXEL200-1800** equipment is a semi-automatic lifting and extraction system for moulds from multi-mould towers.

Comprising four floor-mounted pillars with **upper servomotor controlling vertical displacement** of the extractor and mould-carrying platform, sliding vertically along integrated rails. The extractor mechanism **performs automatic horizontal movements to secure moulds** from each level, removing them through combined horizontal and vertical movements until positioning on the roller platform. Operation is controlled via operator-managed control panel, automatically activating horizontal displacement upon reaching the designated mould level. Following extraction, the **platform automatically returns** to base position for lateral discharge.

The system incorporates retractable wheel base between roller plane that elevates to enable mould rolling, utilising pusher tool for external displacement. This automated system ensures **efficient multi-level mould extraction with minimal manual intervention**, optimising productivity in industrial food processing applications.

OPERATION

The operator controls vertical displacement via control panel to selected mould level.

The **system automatically activates horizontal extractor** mechanism, securing and removing moulds through combined movements until positioning on roller platform.

Platform automatically returns to base position where retractable wheels elevate facilitating mould rolling.

Pusher tool displaces moulds externally from platform, **completing automated lateral discharge cycle** and preparing system for subsequent operational cycle.

