

TECHNICAL SPECIFICATIONS

External measurements

height 2000 mm
length 1300 mm
width 1200 mm

Surface of the mold housing platform

1200x900 mm

Vertical movement

from 200 mm
to max 1700 mm

System

IP67 system with
water protection

Operation

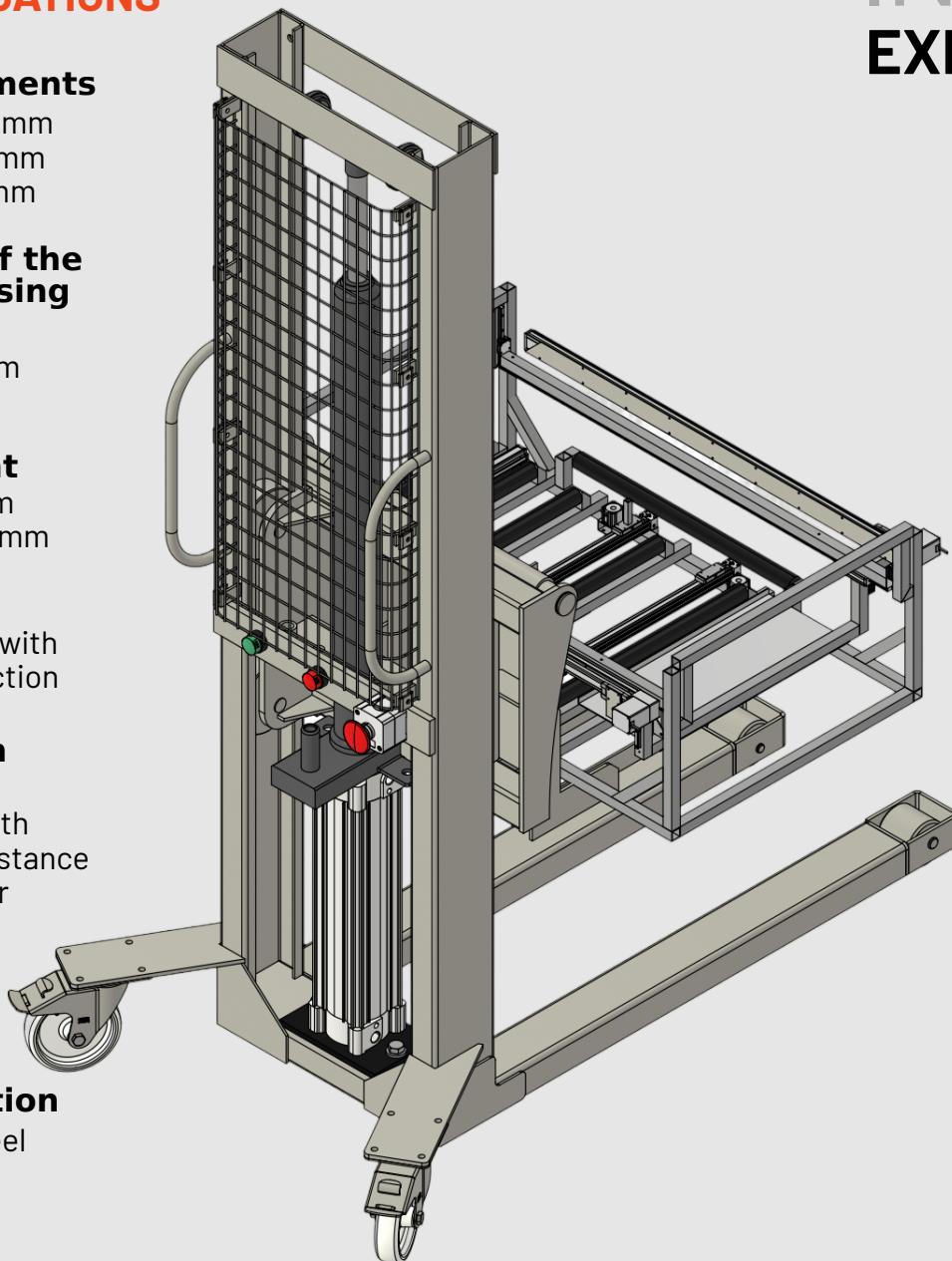
Pneumatic
operation with
electric assistance
for controller
and sensors

Power

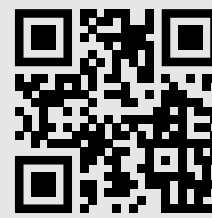
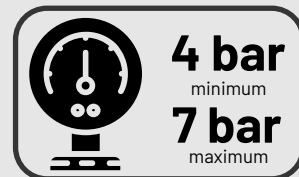
220V

Construction

stainless steel
AISI 304



INOXSIM
EXEL200-1700



<https://inoxsim.com>

FUNCTIONALITY

The **EXEL200-1700** equipment is a mobile pallet truck unit equipped with **omnidirectional castors and integral braking system**. It enables controlled vertical displacement of a specialised upper platform with **high-resistance sliding base**, designed for safe transport of both full and empty moulds.

The system incorporates **automated pneumatic extractor** with specialised gripper for precise positioning opposite mould levels to be discharged from multi-mould towers. Positioning operation to contact point between gripper and moulds is performed via operator-controlled manoeuvring lever. The gripper extractor **automation executes combined horizontal and vertical movements**, removing moulds from cage and positioning them on roller platform.

For **automatic discharge** it incorporates retractable wheel base between roller plane that elevates to enable mould rolling, utilising pusher tool for external displacement. This integrated system ensures efficient multi-level mould extraction with **enhanced automation and minimal manual** intervention throughout operational cycles.

OPERATION

The operator controls vertical and horizontal positioning via manoeuvring lever until gripper extractor is positioned opposite selected mould level.

Pneumatic extractor **automatically activates upon reaching correct position**, executing combined movements to remove moulds from tower and position on roller platform. Retractable wheels **elevate facilitating automatic mould rolling**.

Pusher tool displaces moulds externally, completing automated discharge cycle and preparing system for subsequent operation.