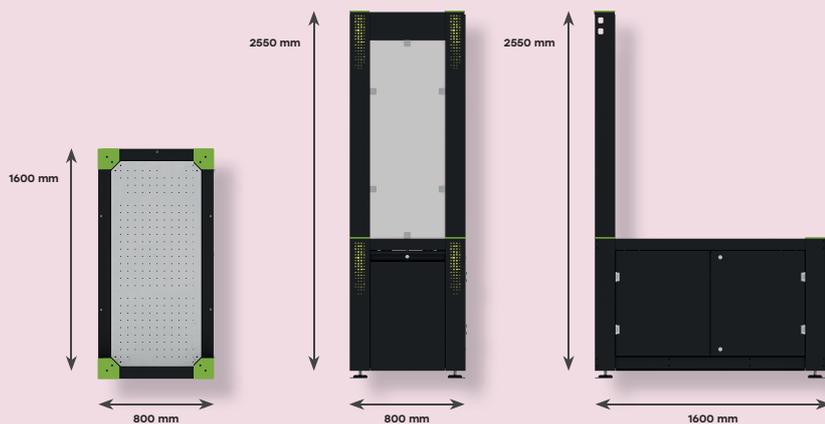# MalocherBot Palletizer M
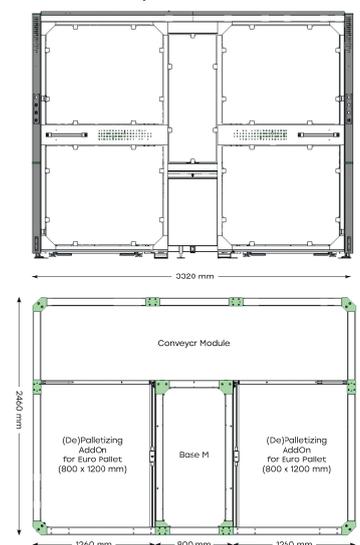## Technical Specifications

Unchained Robotics

Introduction

The MalocherBot Palletizer M is a versatile and powerful palletizing solution designed for higher payloads and faster cycle times. With support for multiple robot brands, a broad range of gripper options, and a wide selection of add-ons, it is well-suited for demanding industrial environments. Its modular construction allows smooth and rapid integration into production lines while accommodating both European and ISO pallet standards.
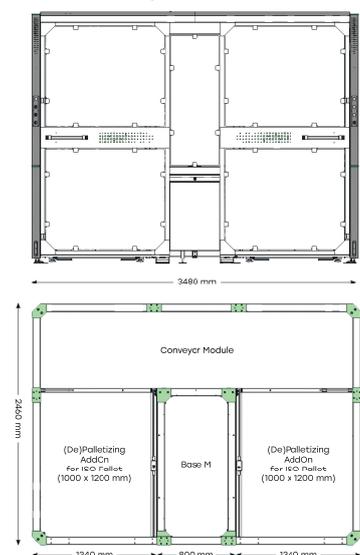
Base Unit Dimensions

Footprint EURO Pallet

Robot Compatibility

KUKA KR20 R1810-2	Payload: 20 kg Reach: 1813 mm
NACHI MZ35S	Payload: 35 kg Reach: 1882 mm
FANUC M-20iD/35	Payload: 35 kg Reach: 1831 mm

Compatible Robot Brands

NACHI   FANUC   KUKA

Gripper Compatibility

PIAB KENOS KVG	Powerful vacuum gripping for cardboard boxes and more
Custom SCHUNK Finger Grippers	Tactile gripping solution for vacuumless palletizing
KLT Box Gripper	Integrated KLT box palletizing

Compatible Gripper Brands

piab   SCHMALZ   SCHUNK   OnRobot

Footprint ISO Pallet

Safety & Options

Safety Options	• Sliding Doors / Hinged Doors / High-Speed Shutter • Automatic Shutter or No Shutter • Light Curtains for AGV (larger footprint)
Pallet Positioning Options	• Adjustable Pallet Stop (at floor level) • Pallet Lift / Lift Table
Conveyor Add-ons	• Vertical Conveyor Add-on (incl. conveyor belt) • Horizontal Conveyor Add-on (incl. conveyor belt)
Pallet Side Modules and Add-Ons	• EURO Pallet Add-on • ISO / EURO Pallet Add-on • Slip Sheet Magazine
Vision Options	• Depalletizing with Overhead Camera (integrated in pallet add-on) • Package Detection on Conveyor Belt • Depalletizing with Camera on Robot Arm

Performance

Max. Speed	8 s per cycle, single or multi-pick
Max. Payload (incl. gripper)	35 kg
Pallet Size	EURO and ISO
Max. Stacking Height	2.20 m incl. pallet

Note: Performance data depend on factors such as configuration and box specifications.

Unchained
Robotics