# MalocherBot Palletizer L
## Technical Specifications

Unchained Robotics

Introduction

The MalocherBot Palletizer L is a heavy-duty palletizing solution designed for applications with higher payloads and faster cycles. It supports multiple robot brands, a variety of gripper types, and a full suite of safety and customization options. Its modular design allows smooth integration into demanding industrial environments while meeting both European and ISO pallet standards.
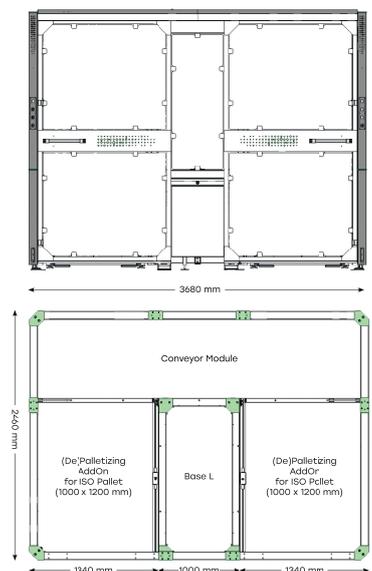
Base Unit Dimensions
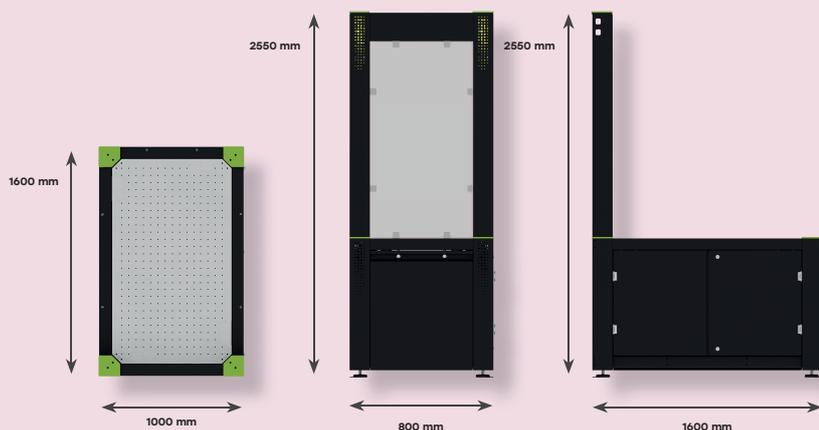
Footprint EURO Pallet
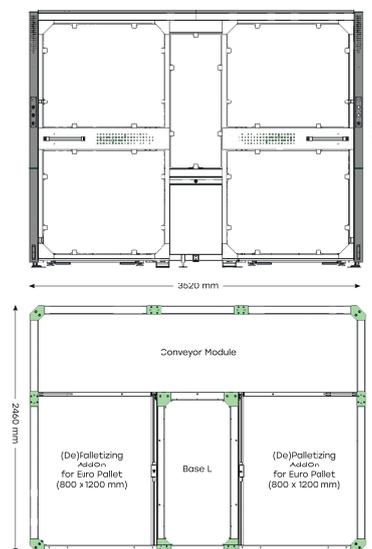
Footprint ISO Pallet

Robot Compatibility

KUKA KR50 R2100	Payload: 50 kg Reach: 2101 mm
NACHI MZ 50F	Payload: 50 kg Reach: 2102 mm
FANUC M-710iC/50H	Payload: 50 kg Reach: 2003 mm

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 Robot Brands

NACHI   FANUC   KUKA

Compatible Gripper Brands

piab   SCHMALZ   SCHUNK   OnRobot

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)	50 kg
Pallet Size	EURO and ISO
Max. Stacking Height	2.20 m incl. pallet

Note: Performance data depend on factors such as configuration and product specifications. The values shown represent best-case scenarios.