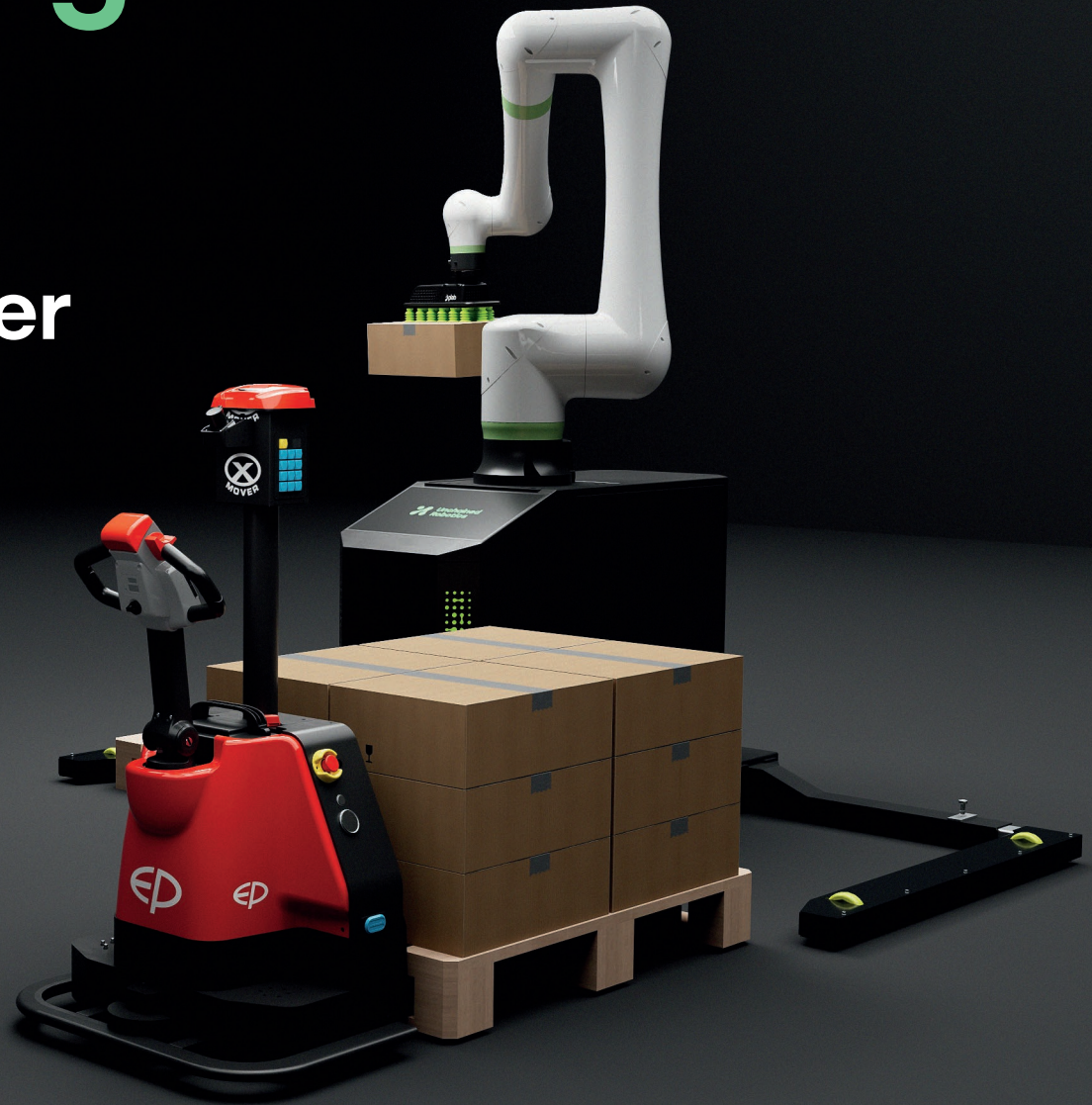


From Stacking to Full Flow

**MalocherBot Palletizer
+ XP15 AMR**



**Unchained
Robotics**



The MalocherBot Palletizer is a modular, turnkey palletizing solution available in three sizes – **S, M, and L** – with payloads from **20 to 50 kg**, cycle times down to 8 seconds, and stack heights up to **2.20 m**. Built with flexibility and ease of use in mind, MalocherBot integrates seamlessly into existing production and can adapt with your production needs.



Palletizer S

Payload	Up to 20 kg
Cycle time	~15 s
Max. stack height	2.20 m
Footprint	2800 x 1540 mm



Palletizer M

Payload	Up to 35 kg
Cycle time	~8 s
Max. stack height	2.20 m
Footprint	3480 x 1600 mm



Palletizer L

Payload	Up to 50 kg
Cycle time	~8 s
Max. stack height	2.20 m
Footprint	3680 x 1600 mm



Upgrade Your Palletizing with AMRs

Adding the **EP Equipment XP15 AMR** extends your palletizing power beyond stacking. It autonomously supplies empty pallets and removes full ones, delivering a higher level of automation to your pallet station and increasing total lifetime savings.

Compatibility

Robots and Cobots



Grippers





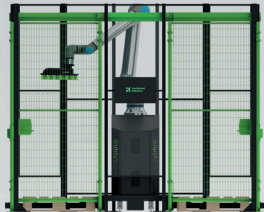
3 Laser Scanners - SO2

- ◇ Safety Laser Scanners
- ◇ Flexible open-access
- ◇ Stops or switches to Cobot mode



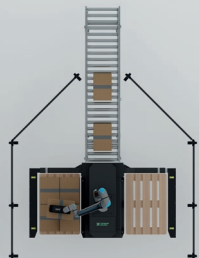
Fence Enclosure with 2 Light Curtains - S03

- ◇ Enclosure
- ◇ Two Light Curtains
- ◇ Parallel pallet change with ongoing palletizing



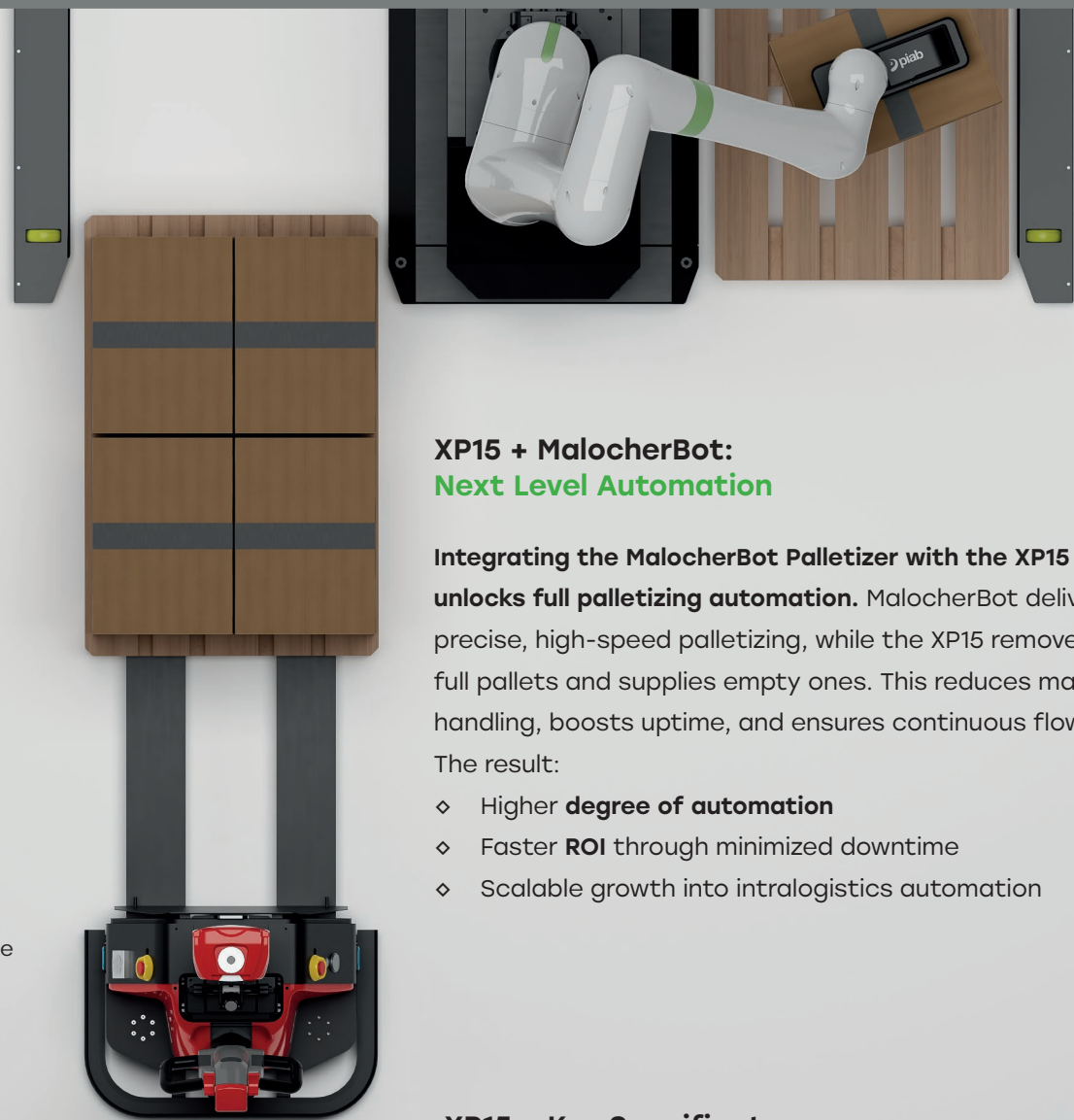
Fence Enclosure with 2 Sliding Doors - S05

- ◇ Ultra space-saving
- ◇ Dust-resistant
- ◇ Continues operation on free pallet side



Conveyor Module - CO1

- ◇ Infeed Conveyor Belt
- ◇ Compact
- ◇ Customizable



XP15 + MalocherBot: Next Level Automation

Integrating the MalocherBot Palletizer with the XP15 AMR unlocks full palletizing automation. MalocherBot delivers precise, high-speed palletizing, while the XP15 removes full pallets and supplies empty ones. This reduces manual handling, boosts uptime, and ensures continuous flow. The result:

- ◇ Higher **degree of automation**
- ◇ Faster **ROI** through minimized downtime
- ◇ Scalable growth into intralogistics automation

XP15 – Key Specifications

Load Capacity	1.500 kg
Setup	Plug & play, <1 hour
Safety	Dual Lidar + bumper strips
Navigation	2D visual positioning (±20 mm accuracy)
Dual Mode	AMR + manual pallet truck
Battery	24 V / 60 Ah Li-ion, 1-shift runtime, hot-swappable

LUNA

Your Gateway to Smart Robotics

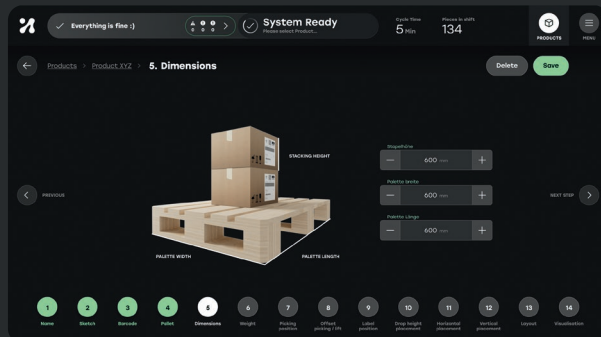


Every MalocherBot runs on **LUNA OS**, the intuitive no-code automation platform.

- ◇ Configure palletizing patterns quickly
- ◇ Real-time monitoring & KPI dashboards
- ◇ Modular extensions: conveyors, vision, data logging
- ◇ Continuous updates & service options for long-term efficiency

Empower your automation with LUNA

Smart, flexible, and built to grow with your needs.



Unchained Robotics

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