



A-P AUTOMATIC PICKER

Multi-carton picking robot

- Handling of boxes up to 4.5 m high
- Speed up to 1.5 m/s
- Obstacle detection and avoidance
- Autonomy up to 5 hours
- Scalable
- High performance with maximum safety

Automating warehouses without infrastructure

A-P is the solution for automating standard warehouses without building new infrastructure and with low investment and maximum flexibility. A-P is designed to easily navigate through narrow aisles and to perform double-deep storage/retrieval operations with the help of grid navigation.

Benefits

SCALABILITY: A-P can be added and removed according to demand.

MAXIMUM EFFICIENCY: A-P can quickly and easily pick several cartons simultaneously.

HIGH PRODUCTIVITY: each robot can store up to 12 cartons with a complete lifting interval of 8 seconds with 100% positioning accuracy.

SAFETY: advanced fault detection, emergency stop and SIL 3 compliance.

INTEGRATIVE VERSATILITY: can be easily integrated with other handling solutions creating complex and highly customised logistics systems.

Technical data

Turning radius	360° on site
Object detection system	360° coverage of field sensors
Navigation	Based on ground markers
Operating mode	Auto / Manual
Docking accuracy (mm)	+/- 10
Height (m)	4,5
Drive type	Differentia

