



PHOENIX HANDLING
SOLUTIONS

INTRODUCING

THE NIPPER COMPACT AGV

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THE NIPPER IS A COMPACT AGV FOR UNMANNED INTERNAL PALLET TRANSPORTATION

Fully safe, the Nipper works in spaces where people are active. The Nipper meets the most stringent safety requirements. Equipped with safety laser scanners, emergency stop bumpers, emergency stop buttons and Blue Spot. The Nipper increases safety, saves your labour costs and prevents damage and accidents.

The lifting of pallets up to 1000 kg is problem-free, making the Nipper versatile. After installation and training, you are independently able to program the Nipper. Customize routes, add Nippers, and easily change existing commands with intelligent software.

- Safe in Manned Spaces
- Most Compact Pallet AGV
- Self-Programming
- Navigation Without Infrastructure
- Prevents Accidents and Damages
- Automatic Loading Process
- Communication Over Wi-Fi
- Project Insight on Your Online Devices

TECHNICAL SPECIFICATIONS

Weight:	200kg
Load capacity:	1000kg
Lifting height:	adjustable up to max. 223mm
Safety:	1 x Safety laser scanner with integrated safety zones 2 x laser scanner with camera in both forks 4 x emergency stop bumper at floor level 2 x emergency stop button
Navigation:	Freely programmable based on structures and contours in the work environment
Driving speed:	3,6 km/h (1mtr/sec)
Management:	On board battery management system (BMS)
Charging station:	Fully automatic loading without manual operation
Charging time:	30 minutes
Chemistry:	LiFePO4
Certification:	CE marking

ENJOY FLEXIBILITY AND CONTROL OVER YOUR OWN AUTOMATION PROCESS

The Nipper uses structures and contours in his work environment as a reference for localization. This means that no infrastructure is required. No inductive wires, magnets or reflectors. If positioning is of importance, the Nipper increases the accuracy of +/- 1cm to +/- 1mm by placing simple reflectors.

Intelligent software communicates over Wi-Fi with the Nipper. After a command is taken, the Nipper performs this independently. The battery management system ensures a short loading time which takes place automatically. The Nipper has a speed of 3,6 km per hour (1mtr/sec) and a compact operating screen provides immediate insight into the Nipper status.

FOR MORE INFORMATION PLEASE CALL **0845 265 75 70**
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