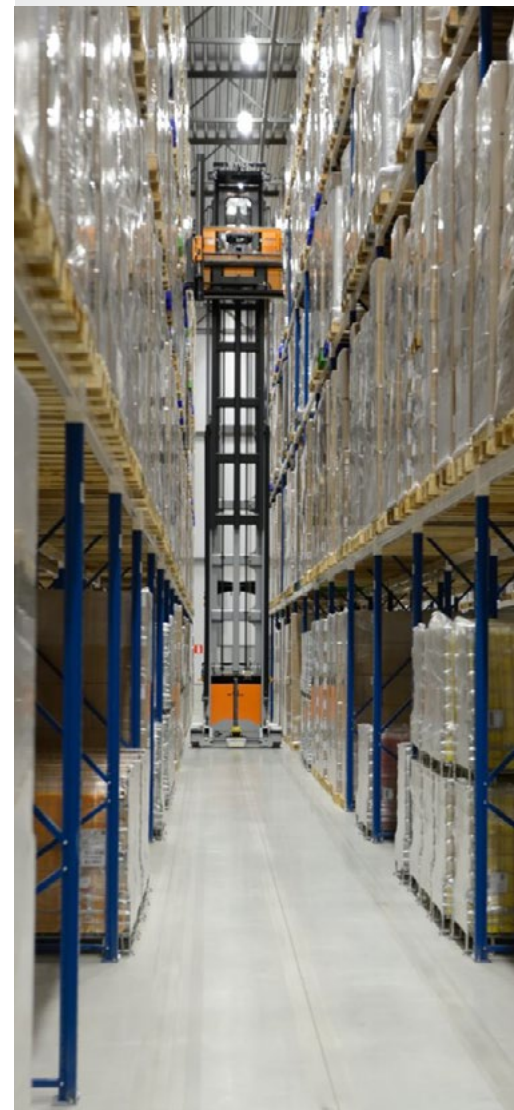


VNA (Very Narrow Aisle) E'gv® for your high-density storage

Egemin VNA AGVs are designed to work in place of traditional manual VNA trucks. They're configured to work in existing narrow aisles without requiring reconfiguration of the storage space or racking. Since they're fully automated, they reduce product or racking damage that may occur with manual drivers. Egemin VNAs are built on KION North America lift trucks MX/X and MX/Q. The hybrid VNAs are designed to work either with a manual operator aboard or as a fully automated vehicle. Often these vehicles will utilize a turret fork attachment, but they may be configured to suit your specific needs.

Egemin VNA AGVs only require a few inches between the vehicle and each set of racking in the aisle. Switching to automation has never been easier—keep your existing narrow-aisle configuration and start using automation in your facility to increase uptime, decrease product damage, and drive up ROI.



VNA E'gv®: Reducing product damage and increasing ROI

Each VNA E'gv® is designed with a standard engineering process, as part of an optimized solution, to integrate with an existing environment and maximize the use of off-the-shelf components. E'gv®s provide on-time product delivery, zero product damage, zero facility damage, and increased safety.

The automated VNA vehicle is capable of handling a wide range of loads traditionally handled by manually driven VNA trucks, including pallets, portable parts racks, crates, tubs, etc. It handles loads both in narrow aisles and standard storage.

The VNA E'gv® is the ideal solution for automatic load handling in warehouse and distribution areas. Thanks to its versatility, the VNA E'gv® can be used for a wide range of applications:

- warehousing (narrow aisle, deep-lane stacking, block storage, racking)
- buffer storage
- end-of-line handling: picking from conveyors, palletizers, stretch wrappers
- transport between receiving, production, and warehouse

VNA E'gv® Components

The E'gv® comes standard with laser navigation, advanced laser safety systems, a graphical touchscreen monitor, Windows OS on solid state drive media, and 802.11 wireless communications. Our systems may also include RFID readers, barcode scanners, 3D camera technology, robotic battery exchange system, and automatic battery charging. Automated VNA vehicles can also be equipped with standard attachments including side shift and turret systems.



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