

AUTOMATED STORAGE



ALSTEF
GROUP

AUTOMATED PALLET STORAGE

For over 60 years, Alstef Group has been designing, integrating and maintaining turnkey installations of custom-made automated warehouses handling the storage of raw materials and packaging items, the transfer of loads to production, as well as the storage of finished products upstream of order preparation and shipments.

STACKER CRANES

Since implementing the first storage system with stacker cranes in France, Alstef Group has commissioned more than 1000 stacker cranes in many industry sectors. These systems ensure high flows associated with a high storage density.

Our stacker cranes storage solutions are available for:

- **Mass storage**, before or after a plant's production, or at the heart of a distribution platform,
- **Buffer storage**, connected to a picking area or prior to a shipping area.

STORAGE AGV

The flexibility of storage AGVs allows them to fit into existing buildings.

They can provide:

- **mass storage** in traditional shelving, drive-in, or on the ground,
- **buffer storage** at the heart of your process,
- **buffer storage** prior to shipping preparations.

Our range includes the **GT16**, a tridirectional AGV that meets the automation needs of high-level storage in Very Narrow Aisles (VNA), and the **GLR**, which moves smoothly in narrow aisles thanks to its retractable forks and precision.

PALLET SHUTTLE SYSTEMS

Our compact storage shuttles are available for fast movements of standardized batches.

Optimal performance is achieved through several key advantages:

- the mother and child shuttle solution manages **multi-depth channels** designed to fit the batch size requirements,
- multiple patents grant the perfect pallets & machines **traceability** anytime, improving **performances** and **reliability**.

PROXYSHUTTLES

Developed by Alstef Group, Proxyshuttle offers a compact and reactive solution.

It can fulfill many roles:

- buffer upstream or downstream of production lines,
- **buffer storage and sequencing** loads prior to robotic order picking or preparation of shipments on docks.

