

Storage
ACUMEN
in the Warehouse



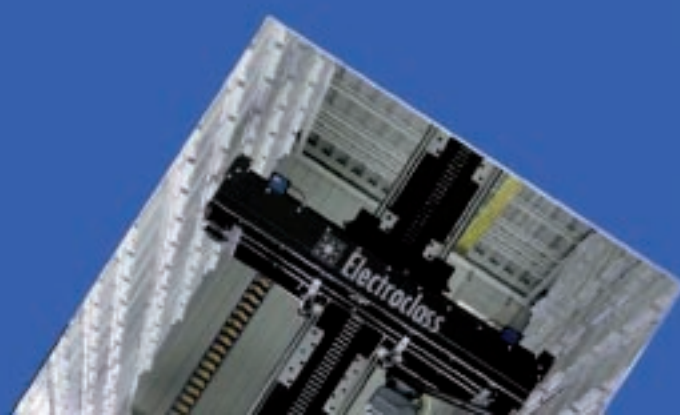
Miniload
SILO
SILO



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SILO



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SILO



Electroclass

Storage ACUMEN in the Warehouse



Electroclass

Miniload SILO, the fully automated warehouse that provides:



- The maximum storage capacity for a minimal footprint
- Rapid Access
- Location management
- Logistic performance
- Security of the products

optimal storage and traceability of your items

The SILO has two front consulting bays and can be equipped with additional consulting bays (on the back or on the sides). It can also be equipped with automated accumulation stations. Several configurations exist:

- Left and right workstations
- Side workstations with conveyors
- Accumulation stations (3 trays)
- Side workstations with accumulation
- Central workstations on the left/right, back and on the sides
- Trays automatically placed on the conveyor

Compact storage with full use of the available height

Saves floor space therefore reducing operating costs

Up to 5 m³ can be stored on each m²

Automated inputs/outputs

Several thousand references are available at every workstation

Reduces walking distance, and saves time, eliminates the errors.

User and item security, ergonomics.

Modularity and storage volume

Easy to expand by adding spans

Tailored solution depending upon the storage needs

Fine tuned racking

Volumes and packaging formats can be perfectly accommodated

Multiple workstations

2 front workstations + back or lateral workstations

4 operators can work simultaneously

The Range: 150 or 315 kgs per tray

Standard Equipment

- Occupied cell detector
- Tray height clearance detector
- Position controls

Options

- Weight load control
- Fire protection
- Temperature and hygrometry regulation
- Tray accumulator
- Conveyor system

Our references:

EDF LILLE - MONNAIE DE PARIS -
SPIRAX SARCO - TDF PARIS- ICL -
SEMT - ETAMAT - MANITOU -
ROBERTET - SCHNEIDER -
AEROSPATIALE - TURBOMECA -
VATICAN'S LIBRARY - HOME OF
SCIENCE AND INDUSTRY -
CLINIQUE DE LA DIGONIERE

Height	Length	Tray width	Tray depth	Tray height
Standard up to 9 m	Standard up to 40 m	From 960 up to 1.800 mm	From 405 up to 650 mm	From 90 up to 450 mm

The Miniload **SILO** are used:

To store or manage:

- Tools
- Maintenance tools
- Spare parts
- Components
- Kits

Production
Maintenance
Warehouse

To archive and manage:

- Folders
- Books
- Account documents

Libraries
Archives



SILO
Miniload



Operating principle

The SILO is the combination of two parallel racking structures and a travelling crane running down a central corridor.

- The trays are removed (or stored) by the crane's platform, controlled from the workstations
- The robot provides the requested tray at the appropriate workstation
- The movement instructions can be sent manually using the integrated touch screen or automatically by a computer equipped with Electroclass' software G-Stock
- The SILO manages the locations depending on the volume to be stored

The 4 steps of a cycle

- The operator specifies a part number or reference directly on a PC or via a bar-code reader
- The crane docks in front of the tray containing (or to receive) the relevant part
- The tray is removed and taken to the workstation
- The user confirms on the PC the loading/picking

Computer - Assisted Storage Management:

Every workstation has a keypad to perform the main tasks: configuration of the locations, inputs/outputs of trays...
The Electroclass SILO can be piloted from the G-Stock and G'Doc software.

Electroclass storage or filing software solutions:



- Stock management,
- Stored items and transaction flows control,
- Dynamic storage location management,
- Management of the trays internal layout,
- Logistic interface with your software,
- Access control.



- File management,
- File location management,
- Traceability of all transactions,
- Possibility to attach data notes to all files.



For inquiries:



Your solution finder for automated storage
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