VISINAUT®

Product Sheet

LONG TERM STORAGE

Modular system for high capacity storage

Our Long Term Storage system offers a turnkey solution for automated storage of FOUPS, cassettes, reticle boxes, or probecards. Its modular design and the flexible dimensioning capabilities allow high-capacity storage, **tailor-fit to your available footprint and heights**.
Freely configurable ports, dispatcher modules, connector bridges and lift solutions guarantee an **optimal material flow** for your factory automation.

Features

- ✓ Modular system for automated high-capacity storage
- ✓ Freely configurable footprint, capacity and access times
- ✓ Lengths up to 50m and heights up to 6m
- ✓ ISO-5 cleanroom class
- ✓ SEMI E88 MES integration, GEM SECS
- ✓ Option for bedless installment

System Modules

- High-performance, linear stocker crane
- Light-weight, high density shelf system
- Conveyor-based dispatcher modules
- Connector bridges and material buffer
- Lifts and Level Shifter
- Material transfer module
- Freely configurable auto and manu ports
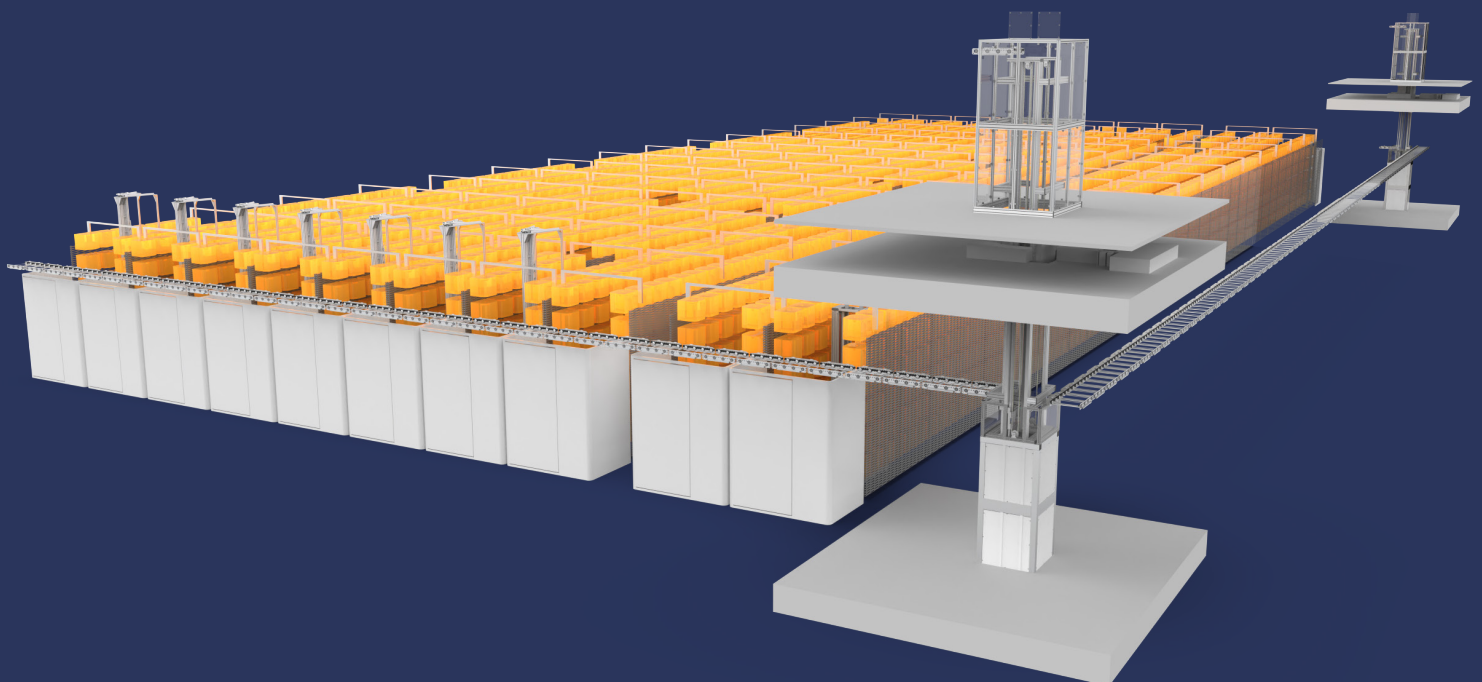
Images
This page: Storage system for 10.500 FOUPS; 45,0m x 18,0m x 3,10m; 2x conveyor dispatcher and 3x Short Lift
back page: Storage system for 14.000 reticle transport boxes (Pozetta); 35,0m x 2,0m x 4,0m; 1x connector bridge;
1x Reticle Sorter for automated reticle box transfer

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Loadports

- Auto ports OHT
- Auto ports conveyor
- Manual ports in various types and configurations
- Lift and Level Shifter solutions
- AGV interface (optional)

Operated Goods

- FOUP │ FOSB for 300mm wafer
- Cassettes for various wafer sizes
- Reticle boxes of various types
- Probecards

Technical Details

Length	Up to 50m
Height	2.800mm - 6.000mm
Width	1.400 - 1.600mm per shelf row Number of rows freely configurable
Weigth	
Stacker crane	450kg
Empty shelf	~5kg per storage place
Goods identification	RFID, barcode or visual options available
Media requirements	230V 10A 2.3kVA power supply 6bar 100nlpm compressed air Gigabit Ethernet connection