

HAP-HERO[®] FAB

Next generation of logistics

The HAP-HERO[®] FAB is a new free moving and free navigating Automated Carrier Handling (ACH) system. It manages the local transportation and the loading/unloading of wafer carriers. It is available in different versions (open cassette, SMIF) and offers many options.

MAIN FACTS

- fully free traveling without rail or cable connection
- new robotic vehicle
- proven robotic handling
- interactive co-operation between men and robot with new safety system



SPECIFICATIONS

- dimensions: 800 x 600 x 620 mm (vehicle)
- weight: 300 kg
- agility: ca. 800 mm min. aisle width
ca. 1200 mm min. turning space
- speed: 0,25-0,5 m/s
- accuracy: ±0,5 mm (carrier positioning)
- throughput: up to 30 pods/h with 10 m travelling
- cleanroom class: ISO 3
- operation: fully automated
automated charging station

