

## LIFTS AND LEVEL SHIFTERS



Vertical transport systems connecting conveyor or OHT transport over different floors and height levels

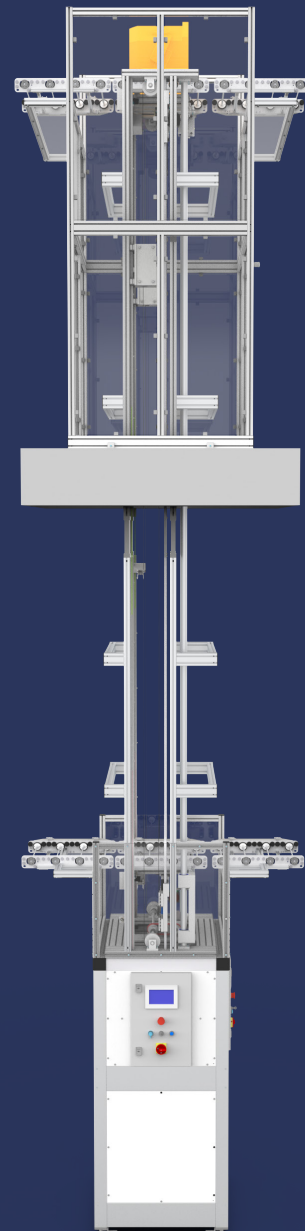
Our lift and level shifter products offer a wide range of fully automated vertical transport solutions for FOUps, Cassetts, PODs or boxes. From Level Shifter for overcoming **structural height differences**, across air-bearing Short Lifts and Flex Lifts for **heights of up to 30m**. Additional, freely configurable manual ports allow **maximum flexibility** for your material flow.

### Lift Solutions

- ✓ Level Shifter - 0.1m to 2m
- ✓ Short Lifts - up to 5m, air-bearing
- ✓ Flex Lift - up to 30m
- ✓ Vertical Storage and Transport

### System Modules

- Mast (air-bearing option up to 5m)
- Lifting units for operated goods
- Conveyor connector
- Integrated switching cabinet
- Security enclosure
- Operator panel
- SEMI E84 MES connection



#### Images

*This page:* customer solution Short Lift connecting two floors

*back page:* Lifting unit



## Product Sheet

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## Technical Details

Footprint	Typically 600×600mm Security enclosure 1.000×1.000mm Wall-mounted options available
Height	Between 0.1m to 30m
Speed	Transport speed up to 2m/s
Handling weight	Up to 10kg
Goods identification	RFID, barcode or visual options available
Media requirements	230V 10A power supply 6bar 50nlpm compressed air 4mm <sup>2</sup> wire cross-section connection terminal C16A series fuse

## Operated Goods

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

## Loadports

- Conveyor connector for OHT system
- Conveyor connector for conveyor system
- Manual port
- AGV interface (optional)

