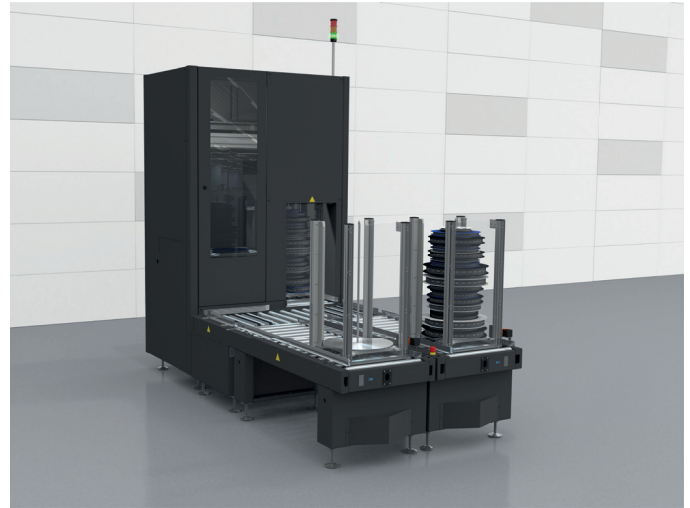


## MLO (Loading Station) / MUL (Unloading Station)



Material Inbound



### Description:

The MLO Loading station is a handling machine to unload component reels from the Reel-Container. The single component reels are provided at a roller conveyor, to be transferred to the following process machine or storage system like the Dry Tower.

The MUL Unloading station is a handling machine to load component reels in the Reel-Container, which is supplied at the roller conveyor by a Dry Tower storage system or an inbound process.

The supply of the container can be done manually by an operator, by trolley or by autonomous mobile robot. There are several applications available, which must be chosen for the specific use case within the project.

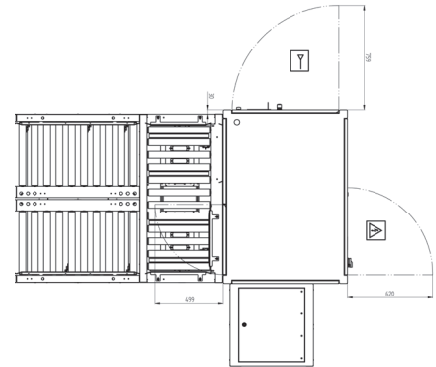
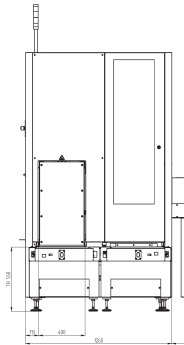
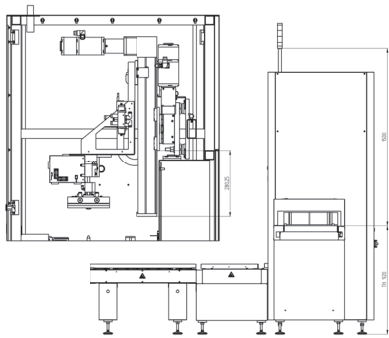
### Features:

- \_400x400mm container component reels
- \_smd component reels: D=177-381mm, H=8-110mm
- \_lift station container with stacking axis
- \_y-z handling with suction gripper for reels
- \_centering unit for reels,
- \_transport height container: 550
- \_transport height reels: 920

### Options:

- \_transport height 1270mm
- \_JEDEC tray handling
- \_robot handling
- \_trolley handling
- \_rfid reader

# Loading-Station / Unloading-Station | Technical Data



## Loading-Station\_Unloading-Station

### MLO 01

### MUL 01

#### Machine Configuration

|                                   |               |               |
|-----------------------------------|---------------|---------------|
| Number lanes Container IN         | 1             | 1             |
| Number lanes Container OUT        | 1             | 1             |
| Number lanes Reel OUT             | 1             | 1             |
| Number segmens per Container lane | 2             | 2             |
| Transport height Container (mm)   | 550           | 550           |
| Transport width Container (mm)    | 400           | 400           |
| Transport height Reel (mm)        | 920           | 920           |
| Transport width Reel max. (mm)    | 400           | 400           |
| Interface                         | Hermes        | Hermes        |
| Transport direction               | left to right | left to right |
| Operating side                    | front         | front         |
| Fixes rail                        | right         | right         |
| Side rail                         | right         | right         |
| Transport speed Container (m/min) | 10            | 10            |
| Transport speed Reel (m/min)      | 20            | 20            |

#### Container Format

|                               |     |     |
|-------------------------------|-----|-----|
| Transport good length (mm)    | 400 | 400 |
| Transport good width (mm)     | 400 | 400 |
| Transport good height (mm)    | 738 | 738 |
| Payload per segment max. (kg) | 35  | 35  |

#### Reel Format

|                               |            |            |
|-------------------------------|------------|------------|
| Transport good length (mm)    | 177 to 381 | 177 to 381 |
| Transport good width (mm)     | 177 to 381 | 177 to 381 |
| Transport good height (mm)    | 10 to 110  | 10 to 110  |
| Payload per segment max. (kg) | 3          | 3          |

#### Installation Requirements

|                     |                                     |                                     |
|---------------------|-------------------------------------|-------------------------------------|
| Power supply        | 230 V / 115 V<br>50 / 60 Hz +/- 10% | 230 V / 115 V<br>50 / 60 Hz +/- 10% |
| Power supply system | L1 + N + PE                         | L1 + N + PE                         |
| Power consumption   | 0,6 kW                              | 0,6 kW                              |
| Pneumatic supply    | 6 bar                               | 6 bar                               |
| Air consumption     | 50NI/min                            | 50NI/min                            |

#### Machine Description

|                   |         |         |
|-------------------|---------|---------|
| Length (mm)       | 1260    | 1260    |
| Width (mm)        | 2415    | 2415    |
| Height (mm)       | 2220    | 2220    |
| Netto weight (kg) | 650     | 650     |
| Noise level       | < 75 dB | < 75 dB |

**ASYS  
GROUP**

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Subject to change without notice.

Some general descriptions and performance characteristics may not be applicable to all products. Technical specifications are subject to change without notice. Only features and technical data provided in purchasing contract are legally binding.

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