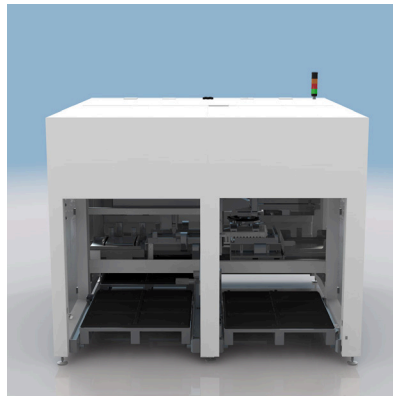
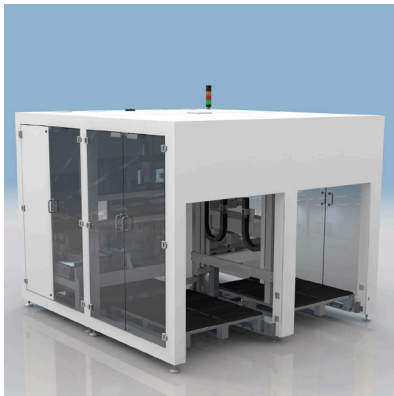


ASYS TECTON – Tray Handling and Transfer Systems

Tray Handling Systems

PARIO 5000**Description**

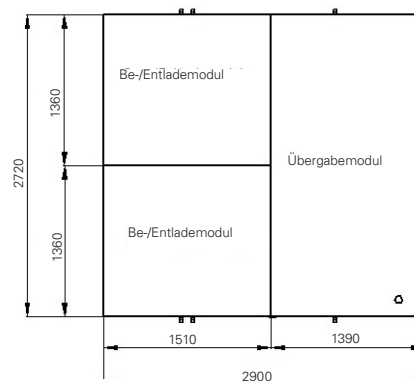
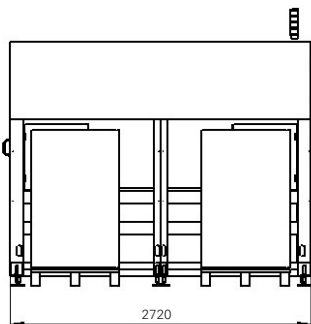
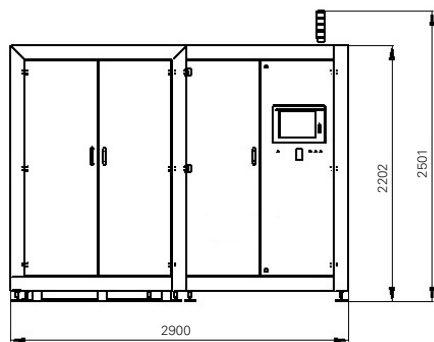
Several tray stacks will be lifted from the euro-pallet by using a fork lift / jack and moved from the PARIO 5000 into the operating position. Then they will be processed tray by tray by a gripper. The relevant upper tray will be taken by the tray handling, lifted, processed and placed on stand by module. Immediately afterwards the second handling will pick up a processed tray and drop it on the exit stack. At the same time another tray laying on the indexing table will be processed, means loaded and unloaded. With PARIO 5000 tray stacks can be loaded or unloaded.

Features

- _Pallet size Euro
- _Tray formats up to 600 x 800 mm
- _Trays/KLT of different designs and materials
- _Pick-& Place time of less than 3 s
- _Change of trays in the intake of less than 4 s
- _Usable as loader and unloader
- _Optimized service access by using large doors
- _Frontal logistics access
- _HMI designed to be easily operated
- _Perfect logistic facilities by changing pallets and trays without interruption – fully automated
- _Low in maintenance

Options

- _Enhancement packages
- _Pharma / Medical
- _Cleanroom
- _ESD
- _Project related tray conveyance
- _Customised workpiece handling
- _Alternative control concept
- _Individual material logistics provided by the customer
- _Sector specific standardization and qualification documents
- _Further adaption upon request



PARIO 5000

	PARIO 5000 Typ 1	PARIO 5000 Typ 2
Machine Configuration		
Conveying height	850 mm - 1150 mm	850 mm - 1150 mm
Transfer position at machine edge	340 mm	340 mm
Operating side	Left	Left
max. workpiece weight	up to 15 kg	up to 35 kg
Tray format		
Traysizes	up to 600 x 800 mm	up to 600 x 800 mm
max. tray weight	5 kg	30 kg
max. Tray stack weight	100 kg	200 kg
Tray stacking height	up to 1260 mm	up to 1260 mm
EURO-pallet DIN EN 13698-1	800 x 1200 mm	800 x 1200 mm
Installation Requirements		
Power supply	400 V / 50 Hz	400 V / 50 Hz
Power supply system	3L + N + PE	3L + N + PE
Power consumption	3,5 kW	3,5 kW
Air supply	min. 6 bar / 87 psi	min. 6 bar / 87 psi
Air consumption	20 NI/min	20 NI/min
Machine Description		
Length x Width x Height	min. 2720 x 2900 x 2202 mm	min. 2720 x 2900 x 2202 mm
Weight	approx. 3500 kg	approx. 3500 kg
Noise Level	< 72 dB(A)	< 72 dB(A)
Repeatability	± 0.1 mm	± 0.1 mm
Tray changing time	< 4 s	< 4 s
Cycle time workpiece handling	> 3.0 s	> 3.0 s

ASYS
GROUP

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The pictures may contain optional extras, custom fittings or accessories which are not included in the standard scope of delivery. These are available at extra cost.