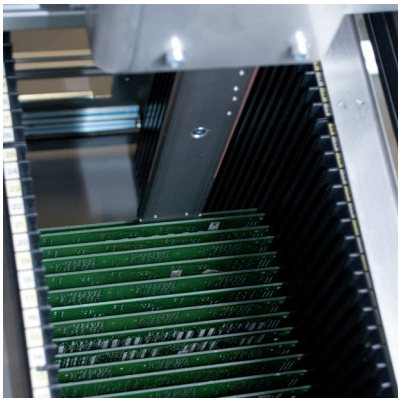
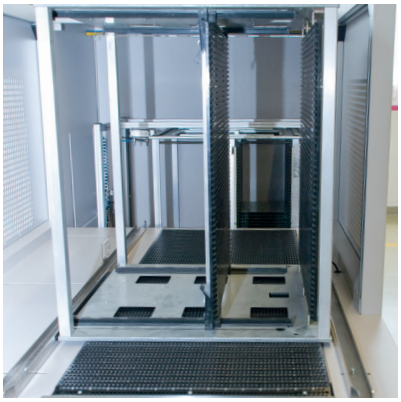
Line Loader for 3-5 magazines with automatic magazine change **VEGO** Compact

VEGO BLO 04







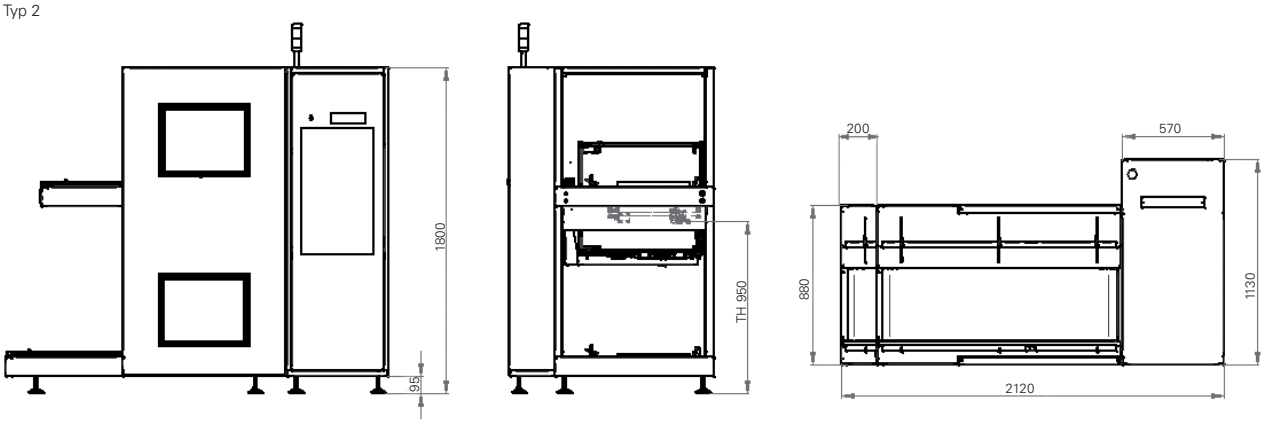
Description
Line Loader loads PCBs from magazines into the production line. It is equipped with an automatic magazine change for a continuing production process. It can easily be adapted to any magazine size. 3 to 5 magazines can be loaded in a row.

The machine consists of a loading and unloading conveyor for magazines, a lifting axis with a magazine platform and an electrically-driven pusher. The pusher pushes the PCB out of the magazine and into the next system.

Features
_ Electrical pusher with adjustable force limiter
_ Electrical width adjustment of the pusher
_ Automatic magazine change with pneumatic magazine clamping at bottom and top
_ Variable magazine size
_ Loading and unloading buffer on top of each other
_ LCO control panel
_ Single-color signal lamp and horn
_ SMEMA Interface

Options
_ Transport height 850 mm ± 50 mm
_ Transport direction from right to left
_ Safety shutter at outlet
_ Outlet conveyor
_ Electrical width adjustment (for outlet conveyor)
_ Automatic width adjustment (for outlet conveyor)

Typ 2



VEGO BLO 04

	Typ 1	Typ 2
Machine Configuration		
Transport height	950 mm ± 50 mm	950 mm ± 50 mm
Max. transport width	**260 mm**	**460 mm**
Interface	SMEMA	SMEMA
Transfer direction	from left to right	from left to right
Operating side	Front of the machine	Front of the machine
Fixed rail	Front of the machine	Front of the machine
Magazine Size		
Magazine length	400 mm	535 mm
Magazine width	320 mm	530 mm
Magazine heigth	570 mm	570 mm
Slot spacing	5- 20 mm	5- 20 mm
Buffer spacing	1- 50 Slots	1- 50 Slots
Single Magazine weight	30 kg	30 kg
Magazine quantity	3 Magazines (2 on transition belt)	5 Magazines Magazine-length 355 mm (4 on transition belt) 4 Magazines Magazine-length 420 mm (3 on transition belt) 3 Magazines Magazine-length 535 mm (2 on transition belt)
Panel Dimensions		
Panel length	70 to 400 mm	70 to 460 mm
Panel width	50 to 260 mm	50 to 460 mm
Panel thickness	0.8 to 4.5 mm	0.8 to 4.5 mm
Component clearance	± 40 mm	± 40 mm
Panel weight	to 3 kg	to 3 kg
Installation Requirements		
Power supply	230 V / 115 V, 50 / 60 Hz, ± 10%	230 V / 115 V, 50 / 60 Hz, ± 10%
Power supply system	L1 + N + PE	L1 + N + PE
Power consumption	0,3 kW	0,3 kW
Air supply	6 bar	6 bar
Air consumption	5 Nl/min	5 Nl/min
Machine Description		
Length x Width x Height	1432 x 930 x 1800 mm	2120 x 1130 x 1800 mm
Netto weight	< 280 kg	< 360 kg
Noise Level	< 75 dB	< 75 dB

Upgrades
Additional interface protocol
Automatic width adjustment
Machine networking via IC Net

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