

VEGO Series – A New Generation of Handling Modules

Vertical lift is used to convert PCBs or solder frames

VEGO Dynamic

VEGO VL 01



Description

The VL 01 vertical lift is used to convert PCBs or solder frames in between two different transport levels. A typical application is the conversion in closed loop carrier systems like in selective protection- or soldering processes.

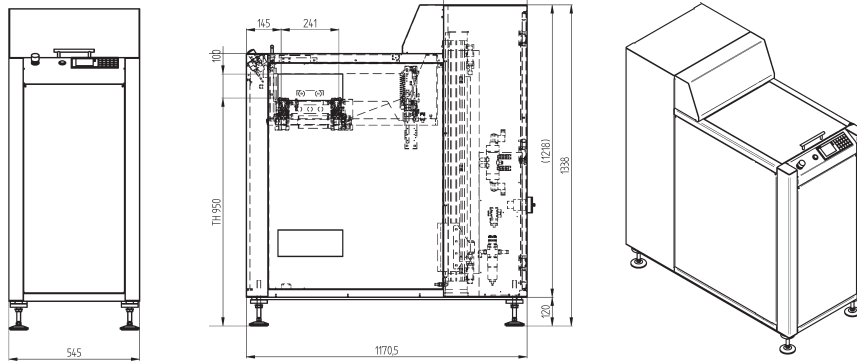
The PCB is taken over by a transport conveyor, lifted up or down and subsequently handed over to the downstream machine.

Features

- _ Pneumatic lifting device with two final positions
- _ Colour display with graphical user interface
- _ Product parameters can be changed during running operation
- _ Product memory function
- _ Transport levels on line recommendations
- _ ESD compliant conveyor belts
- _ Safety cover with interlock switch

Options

- _ Transport height 950mm +/- 50mm
- _ Electric width adjustment
- _ Automatic width adjust
- _ Inlet/outlet conveyor
- _ Safety shutter at the inlet and/or outlet
- _ Heavy duty kit
- _ High temperature conveyor belts
- _ Pass trough function
- _ Conveyor speed control
- _ Increased component clearance
- _ PCB inspection function
- _ Adjustable dwell time (cooling function)



VEGO VL 01

Machine Configuration

Transport height	850 mm $\pm$ 50 mm
Max. transport width	460 mm
Interface	SMEMA, Siemens
Transfer direction	from left to right
Operating side	Front of the machine
Fixed rail	Front of the machine

Panel Dimensions

Panel length	70 to 460 mm
Panel width	50 to 460 mm
Panel thickness	0.8 to 4.5 mm
Component clearance	$\pm$ 40 mm
Panel weight	to 3 kg

Installation Requirements

Power supply	230 V / 115 V, 50 / 60 Hz, $\pm$ 10%
Power supply system	L1 + N + PE
Power consumption	0,2 kW
Air supply	6 bar
Air consumption	20 NI/min

Machine Description

Length x Width x Height ¹⁾	545 x 1171 x 1238 mm
Netto weight	250 kg
Noise Level	< 75 dB

Upgrades

Machine networking via IC Net

1) other dimensions on request