

TRAY LOADING

V600, V300, VL400, VL200



V600 DOUBLE STATION, AUTOMATIC TRAY LOADER

THE LOADING STATIONS ARE SUITABLE FOR STERILE AREAS: THE TRAY LOADING AVOIDS ANY CONTACT WITH THE VIAL MOUTHS OR CAPS.

HIGH PERFORMANCE
AT HIGH SPEED.

V600 is an automatic tray loader for loading vials onto plastic, metal or paperboard trays.

Machine output is at the rate of 25 rows per minute. The tray loader has been designed for installation in production lines for all types of aseptic production, including lyophilisation, where minimum operator intervention is essential. The tray loader has 2 loading positions, each accommodating 2 trays. Positions are changed automatically when full. By means of mechanical devices, trays are filled with vials in staggered rows it is therefore possible to optimise tray capacity and consequently the lyophiliser capacity.

The change-over is very simple, by means of calibrated mechanical adjustments.

From the operator's interface it is possible to set for each format the number of rows in each tray. Construction in stainless steel, mechanically driven movements and minimal operator intervention allow the machine to be installed in clean room environments where maximum flexibility and high production performance are essential.



FOR SMALL VOLUME (SVP) VIALS



Tool-less change-over of vial size



All mechanical movements are below the level of the vial mouths



V300 SINGLE STATION, AUTOMATIC TRAY LOADER

V300 IS AN AUTOMATIC TRAY LOADER FOR LOADING VIALS ONTO PLASTIC, METAL OR PAPERBOARD TRAYS.



V300 is an automatic tray loader for loading vials onto plastic, metal or paperboard trays.

This tray loader has been designed for installation in production lines that require tray loading operations including the loading of lyophiliser trays. The tray loader is equipped with 2 loading positions, each accommodating 1 tray. Loading takes place at the rate of 25 rows per minute. Vials can be loaded in staggered rows for the optimal tray loading. The machine is completely mechanical, constructed in stainless steel and finished with components compatible with sterilising agents to make it fully suitable for the clean room environment.

The size change-over, for trays or for vials, is achieved through quick release change parts and mechanical adjustments. From the operator's panel, it is possible to set the output rate and select the format. Counters are provided for number of vials and number of rows. Upon request, the machine can be equipped with pneumatic movements for installation in non-sterile environments.



FOR SMALL VOLUME (SVP) VIALS



The loading of staggered rows with final counting and the tray automatic selection are vital for optimising lyophilisation operations



The size change-over, for trays or for vials, is achieved through quick release change parts and mechanical adjustments.



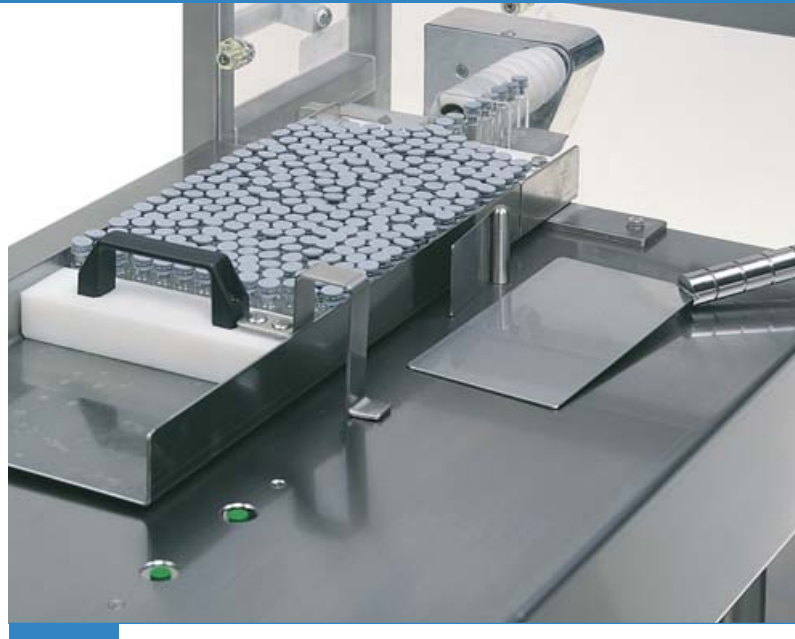
VL200 IN-LINE COMPACT TRAY LOADER

VL 200 is an in-line tray loader for the collection of vials onto plastic, metal or paperboard trays. The machine is extremely compact and designed to be installed in line with other machines.

The flexibility of the VL200 enables it to be suitable for small volume vials at high speed as well as larger volume vials at lower speed. The vials advance by a scroll to the tray where they are loaded with minimum operator intervention.

Also on this machine, no devices are mounted above the vial mouths and thus any damage or contamination are avoided.

The machine is constructed in stainless steel and is finished with components compatible with sterilising reagents to make it fully suitable for the clean room environment. Quick release change parts underline the flexibility of this machine.



VL200 IS IN-LINE COMPACT
TRAY LOADER
FOR SVP AND LVP VIALS.

VL400 IN LINEAR TRAY LOADER



Designed for minimal operator intervention

VL400 is an in-line tray loader for small volume vials collected onto plastic, metal or paperboard trays at high speed. The machine accommodates 2 trays, is extremely compact and constructed in stainless steel. The vials are fed to the trays by means of a scroll. At the discharge of the scroll, there is a switching device - driven by the machine PLC – that switches the vials from one tray to the other when the required vial count in the tray has been reached.

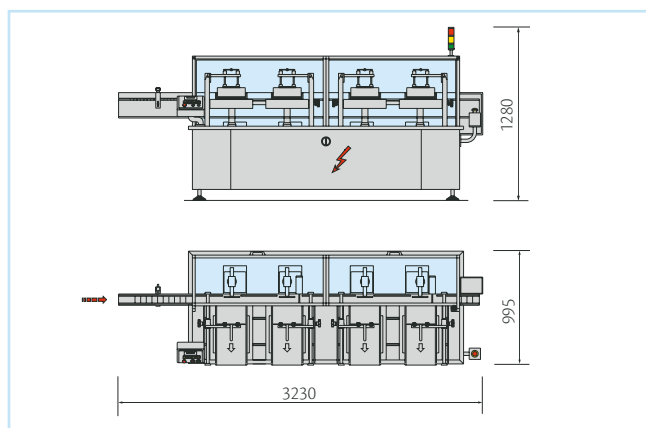
The scroll is spring loaded to signal an emergency stop in the event of a fallen vial entering the machine. Minimal operator intervention, the absence of parts above the vial mouth, the quick size change-over and the sound design ideally suit the machine to small volume parenterals at high speed.

VL400 IS IN LINEAR
TRAY LOADER
FOR SMALL VOLUME (SVP) VIALS.

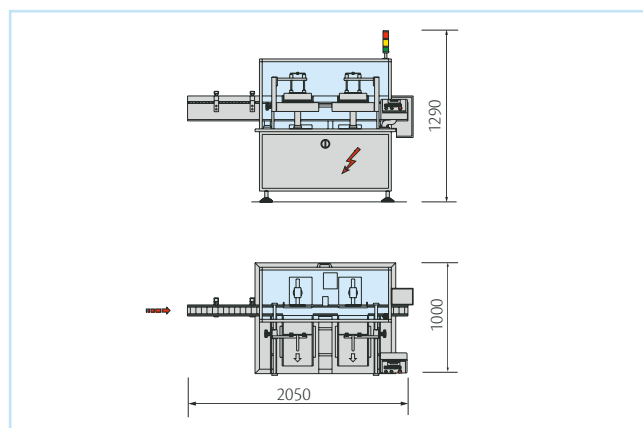


TRAY LOADING TECHNICAL DATA

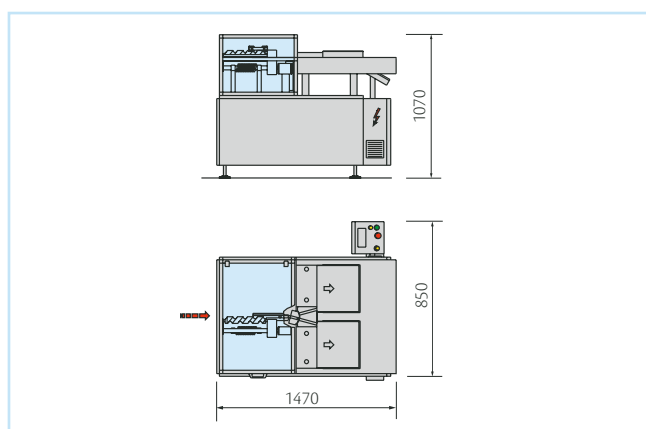
V600



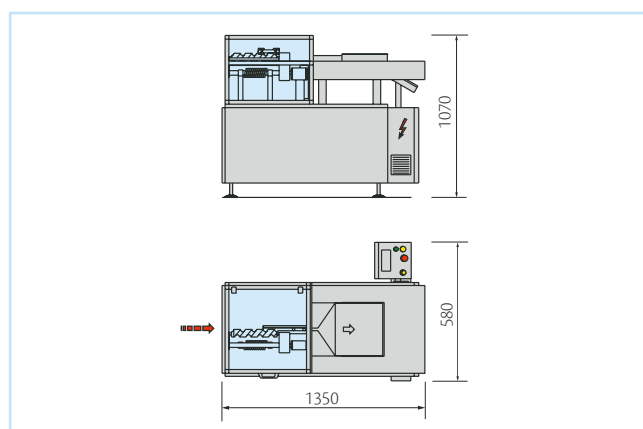
V300



VL400



VL200



TRAY LOADING TECHNICAL DATA

MODEL	V600	V300	VL400	VL200
Output	25 strokes per minute*	25 strokes per minute*	Up to 400 pcs/minute	Up to 400 pcs/minute
Installed power	1,5 kw	0,5 kw	0,5 kw	0,5 kw
Standard voltage	400V-50 Hz. - 3 phase N+G	400V-50 Hz. - single phase +G	220V-50 Hz. - single phase +G	220V-50 Hz. - single phase +G
Overall dimensions	Length 3230 mm	Length 2050 mm	Length 1470 mm	Length 1350 mm
	Width 995 mm	Width 1000 mm	Width 850 mm	Width 580 mm
	Height 1280 mm	Height 1290 mm	Height 1070 mm	Height 1070 mm

* Depending on vial diameter and tray size

TRAY LOADING PRODUCT DIMENSION

MODEL	V600	V300	VL400	VL200
Bottle size	Ø 14 to 52 mm Max height 120 mm SVP	Ø 14 to 52 mm Max height 120 mm SVP	Ø 14 to 30 mm Max. height 100 mm	Ø 14 to 78 mm Max. height 180 mm
Tray dimension	N° 4 standard 350 x 500	N° 2 standard 350 x 500	N° 2 - 350 x 500	N° 2 - 350 x 500

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