

The AGV packs all types of products vertically in bulk

The Multivac AGV is designed to pack products in vertically-loaded pouches. The filled pouch is either supported or stood in the chamber and is evacuated before being sealed.

No spillage or leakage occurs from powdered products during the packaging process. The AGV can also be used for modified atmosphere packing.

These characteristics make the AGV an ideal machine for packaging:

- powdered and free flowing products in bulk
- any products that are to be packed in an upright pouch
- bag-in-box applications where pouches are already packed in their outer casing before being evacuated and sealed
- motherpack applications in which individual packs are loaded into one large barrier bag and then gas-flushed



MULTIVAC
BETTER PACKAGING

Operation

The products to be packaged are put into heat sealable pouches or packs. The AGV chamber lid is opened on the near side and the product is placed on the height-adjustable conveyor so that the neck of the pouch can be placed between the seal bars.

A support ensures that the upright pouches do not tip over and at the same time the neck of the bag is held against the seal bars, resulting in a wrinkle-free seal.

The vacuum chamber is then closed and the operating process runs automatically according to the settings entered by the operator. The machine then opens and the finished packages can be removed.

Chamber size, seal bar length

The AGV has a seal bar length of 600 mm. The height and width of the chamber are 650 x 600 mm. The standard chamber depth is 400 mm.

Housing made from aluminium

The housing and chamber lid are made from high quality aluminium and are coated with a hardened food grade plastic. The machine fulfils all the requirements needed to pack foodstuffs and carries the CE mark to confirm that it meets all European safety and hygiene standards.

Observation window made from safety glass

The integrated window in the chamber lid enables the packaging process to be viewed. It is made from quartz safety glass and will not cloud from the use of cleaning agents.

Control System

The controls are on the top of the machine and are therefore easy to see and are protected from possible damage.

The built-in electronic control system makes the AGV very easy to operate. All settings are entered via an easy-to-clean film keypad. A simple display panel provides exact information about every stage in the process cycle. The settings for up to 29 product groups can be stored in the memory for subsequent retrieval as required.



This means that even semi-skilled personnel can achieve excellent results. When standard products are being processed, the control system automatically recognises when the maximum possible vacuum level has been reached and then seals the bag.

This makes machine operation more than just simple and the packaging process is speeded up into the bargain.

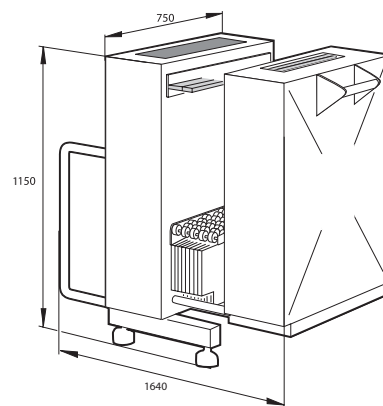
Evacuation and sealing

The AGV has an adjustable evacuation throttle which is especially useful for the evacuation of powdered products as it enhances removal of the air trapped in the product.

As standard, the machine is supplied with a single seal bar suitable for normal pouch use. For applications requiring greater seal integrity, double seal and twin seal bar options are available. In addition, for those requiring the use of particularly thick gauge or aluminium pouches, a double seal with twin bar configuration is recommended to provide maximum seal security. The seal bars are fitted with support clips for standard or gusseted pouches.

Easy maintenance

The design specification of the AGV ensures low maintenance and easy service access.



Technical Data

Useful chamber size:	width 600 mm, depth 400 mm
Chamber height:	650 mm
Sealing length:	600 mm
Conveyor height:	adjustable from 400 to 650 mm
Conveyor length:	700 mm
Recommended vacuum pump:	100 to 250 m ³ /hr
Electrical connection:	3 x 400/415 V, 50 Hz or 3 x 220 V, 60 Hz
Weight:	approx. 550 kg
Packaging speed:	approx. 1-2 cycles/minute