

MAY WE HELP YOU PACK YOUR PRODUCTS?



AVM-500 + KT-1000

AVC Sealing Solutions is a dynamic company with many years of experience and a clear ambition: to be the best in our market. We are well on our way to achieving that goal, although we continuously expand our know-how through research and development. When it comes to our or rather your machines, we prefer speaking in terms of solutions instead of product ranges. After all, as a specialist in sealing and shrink-film wrapping, we offer customers a complete state-of-the-art customised design to meet their specific requirements. We will manufacture a machine of the highest possible quality for each individual customer and even install the fully operational machine at the customer's site. We always provide technically sophisticated, effective, and economical packaging solutions. Our extensive experience puts us in an excellent position to assist you, preferably at an early stage, in addressing your packaging needs. A motivated team of professionals are ready to demonstrate each time that we are the best in our field and that this allows us to offer very competitive prices.



AVM-500 AUTOMATIC PACKAGING MACHINE

The AVM-500 packaging machine produces sealed packaging for a variety of articles in a fully automated, quick and efficient manner. Using polyethylene, polypropylene, polyolefin and other types of shrink film, this automatic packaging machine processes center fold lay flat tube, which is sealed on all sides by means of a continuously heated sealing system.

Operating principle of the AVM-500

Kept on the right track by the adjustable lateral guides, the conveyor belt transports the article to be packed to the transversal weld bar where a photocell scans the length of the product to be sealed. The correct amount of film is automatically fed. After passing this photocell, the transversal weld bar is closed and the film is simultaneously sealed and cut. The first packaging has now been finished. While the second packaging is being made, the first product wrapped in film passes the side-weld knife, which simultaneously applies the lateral weld. At the same time, the strip of excess material is removed and wound up. The packaged product is then transported to a subsequent shrink tunnel if applicable.

Operating method of the AVM-500

A clear touch screen makes operating the machine very easy. It allows the user to enter, check and/or change the settings. Frequently used settings can be stored in the memory and easily activated. This minimises the product changeover time. Two adjusting wheels allow the user to adjust the sealing height.

Capacity of the AVM-500

The combination of quick pneumatic closure of the transversal weld bar and the continuously heated sealing system permit a high capacity to be achieved. Depending on the product size, speeds as high as 40 products per minute can be achieved.



A key factor in your finishing process

The AVM-500 has become a key factor in the daily operations of many workshops and is now an indispensable tool for the finishing touch in many production processes

AVM-400-LB AUTOMATIC PACKAGING MACHINE

Similar to the AVM-500, the AVM-400-LB wraps products in a sealed packaging in a quick, efficient and fully automated manner. This compact version of the 500 also processes center fold lay flat tube, which is fully sealed by means of a continuously heated sealing system. A clear operating panel allows the user to enter, check and/or change settings for each individual product. Quick pneumatic closure of the transversal weld bar and the continuously heated sealing system permit high speeds, and thus a high capacity, to be achieved.



Distinguishing components

All machines made by AVC have been thought out and developed down to the finest detail. We have made optimal use of our many years of multifaceted practical experience. We often anticipate problems that our customers would not even have thought of. This is highly appreciated, especially on the work floor, since one single detail often makes the difference.



Touch screen of the AVM-500

The clear touch screen ensures easy operation in multiple languages. The temperature, as well as the conveyor belt, flow rate and sealing time, can be set very precisely.



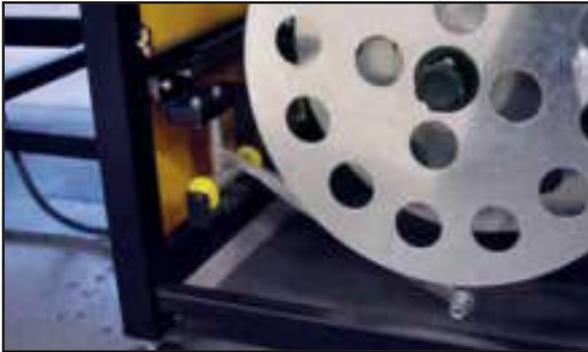
Film-roll holder of the AVM-500

The unrolling system is motor-driven in order to ensure consistent film feed. Perforation of the packaging is essential for specific products. This machine therefore incorporates a perforation system, which can be switched on and off. The film can be unrolled in clockwise or anticlockwise direction.



Feed side of the AVM-500

While the second packaging is being made, the first product wrapped in film passes the side-weld knife, which simultaneously applies the side weld. At the same time, the strip of waste is removed.



Waste roll and reeling unit

The excess film material is automatically removed to a reel. This minimises the number of work interruptions.



Film holder and operating panel of the AVM-400-LB

The remarkably compact AVM-400-LB incorporates both the film reeling unit and the clear operating panel. All essential operations as well as the various checks are thus carried out from one single location.

Shrink tunnels

A shrink tunnel at the end of the line is a perfect conclusion of the packaging process. Shrink tunnels are available in various sizes and designs: KT-500, 1000, 1200, and 1500. All AVC shrink tunnels can be used in combination with AVC corner sealers, bundling machines, and automatic packaging machines. The packaging is always of con-



sistent high quality. Shrink tunnels are also designed with attention to the finest detail. For example, the air flow inside the tunnel can be adjusted by means of four valves inside the oven unit. Furthermore, the processing speed of the conveyor rollers is smoothly adjustable. The easily readable temperature is controlled and maintained

electronically. Another great advantage is that all AVC shrink tunnels are equipped with castors as a standard feature so that they can be used in any location. The specified models are series-produced, but they can be supplemented with specific options in order to achieve the very best packaging solution.

Automatic packaging machines	AVM-400-LB	AVM-500
Sealing bar dimensions	450 mm	530 mm
Sealing system	Continuously heated sealing system	Continuously heated sealing system
Control system	PLC Omron	PLC Siemens S7-314
Operating panel	Omron 2-line display with 6 function keys	Touch screen
Product detection	Vertical	Vertical and horizontal
Belt speed	13,5 m/min	5 à 28 m/min
Capacity	max 30/min	max 40/min
Maximum product height	160 mm	160 mm or 250 mm
Maximum product width	370 mm	470 mm
Maximum film width	600 mm	600 mm
Specified film	PE/PP	PE/PP
Machine dimensions (LxWxH)	1,850 x 1,250 x 1,800 mm	2,110 x 1,810 x 1,660 mm
Working height	880-980 mm	880-980 mm
AC power supply	400V/3Ph.+0+Earth	400V/3Ph.+0+Earth
Output	2kW	2kW
Compressed air	6 Bar	6 Bar



AVC meets the highest quality standards.

Separate documentation is available on our bundling machines and corner sealers, which can be used in combination with shrink tunnels, as well as on the combination sets.

