



Audion Speedpack Hybrid

→ revolutionary compact form/fill/seal system using tube film or bags-on-a-roll.

AE → AUDION

Packaging machines

AUDION SPEEDPACK HYBRID

REVOLUTIONARY COMPACT FORM/FILL/SEAL SYSTEM

This machine has a high production capacity and a revolutionary compact form/fill/seal system that uses tube film or bags-on-a-roll. The Speedpack Hybrid forms pouches in-line before they are filled and sealed, when tube film is used. The machine outstands as far as reliability and ease of operation are concerned.

The advantage of the Speedpack Hybrid lies in the design, which allows the use of tube film and bags-on-a-roll, eliminating the inconvenience of forming collars, back seaming and the complex controls associated with traditional form/fill/seal systems.



BENEFITS OF SPEEDPACK HYBRID

- Works with tube film or bags-on-a-roll
- Ceramic sealing bar for accurate sealing time
- Equipped with support on wheels
- Touch screen (portrait oriented, 7 inches)
- Batch counter
- Seal temperature and cooling time adjustable
- Automatic cycle incl. adjustable feeding time
- Adjustable bag length
- Built-in interface port
- Self diagnostic quick problem solving
- Possibility to store settings on USB stick

Technical specifications	SPEEDPACK HYBRID
Dimensions (l x w x h) mm	1100 x 900 x 1100
Seal width	1,5 mm
Max. bag size	400 mm width x chosen height of machine
Max. packaging capacity	25 / min with tube film - 80 /min with rollbags
Film material	PE, OPP and laminates
Film thickness (min-max)	40-125 micron
Max. film roll width	400 mm
Max. film roll diameter	400 mm
Power supply	230 V-1 ph-50/60 Hz
Required compressed air connection	6 Bar, 200-500 nl/min
IP value	IP20
Low Voltage Directive, EMC Directive, Standards	2006/95/EC, 2004/108/EC, EN-ISO- 12100

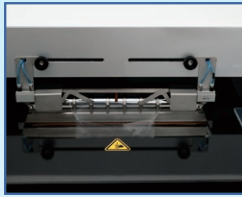
* **note:** this machine is still in stage of development, specifications might change during this process



AVAILABLE OPTIONS FOR THE SPEEDPACK HYBRID:

Bag stretcher

The bag stretcher on the Speedpack Hybrid, will stretch the bag during sealing. In combination with the bag support this will assure a straight seal on the bag. Especially when bags are not filled with a homogeneous product but with, for example a long small product, bags tend to hang over to one side. That effect will be limited with this option.



Bag support table

The bag support table, supports the bag during sealing, assuring a straight seal of the bag. The standard bag support feature is in this option extended with a support plate that folds away after each seal to let the bag pass.



Bag support table with lift

The bag support table with lift is like option B but than with the extra possibility of lifting the bag during sealing

Seal support discharge conveyor with lift

Instead of a bag support table, it is possible to use a seal support conveyor, which supports and lifts the bag during sealing and carries the bag away from the sealing unit afterwards.

Stainless steel cover

Instead of the epoxy plating of the machine, the machine can be plated with stainless steel AIS 304.



Foot pedal

The cycle can be activated by pushing the start button or optionally by means of a foot pedal. Using the foot pedal gives the operator the opportunity to use both hands for filling the bag.



Needle roll

The needle roll assembly has a lower and an upper roll. The Upper roll is equipped with needles. When the film runs between these two rolls, the film gets perforated. Consequently the air, caught in the bag, can easily escape. The needle roll assembly makes a vertical perforation over the complete length of the bag



Chain bags (with perforation)

This option enables the production of a chain of bags. The number of bags can be set in the software (with a maximum of 9 bags in one chain). A perforation between the bags makes tearing off a single bag easy. The length of the chain can be programmed by setting the amount of bags. It is also possible to give each bag in the chain its own length.



Tear notch

The tear notch makes a small cut in the bag enabling easy-opening of the bag. The cut is made as a vertical line.



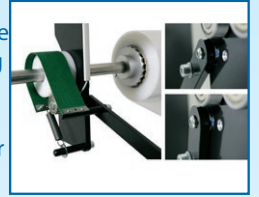
Photocell start

The photocell detects the product or a hand when the product is dropped into the bag. The machine will automatically start production of the bag. When the machine is not activated, the sealing bars are open. When the photocell detects a product, the sealing bars will close and the seal is made. The photocell is mounted above the opening of the bag of above a hopper. The machine will start after removing the hand from the photocell area.



End of film sensor

The end of film sensor detects when the roll of film is coming to an end and it will stop the machine in order to changeover to a new roll. By stopping in time, the end of film sensor prevents the machine from spilling products over the floor when working in automatic mode.



Euro hole sealing bars

This option provides a flap of 33 mm on the bag by making two top seals above each other. A Euro hole is punched in between these two seals. A Euro hole is used to hang bags on peg boards or on free stand counter racks.



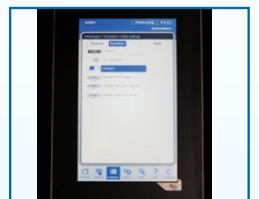
Punch hole sealing bars

This option provides a flap of 33 mm on the bag by making two top seals above each other. A round hole is punched in between these two seals. A punch hole is used to hang bags on peg boards or on free stand counter racks.



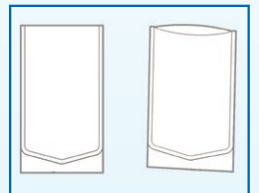
Validatable system (cleanroom, ISO 11607 part 1&2 compliance)

The machine can be equipped with validatable sealing bars. Time, pressure and temperature will be monitored. Our machines are already used in cleanroom class 8.



Chevron seal

It is possible to equip the machine with a Chevron seal; the typical V-seal in the medical pouch range.



10 mm flat or crimped seal

Instead of the standard 1,5 mm seal it is possible to equip the machine with a 10 mm wide seal in flat or crimped model.

Air press device

The air press device is a plate covered with foam. It is mounted underneath the clamping bar. When the clamping bar is closing, the air will be pressed out of the bag before it is sealed.



Sorting table

The sorting table is a preparation table placed on top of the machine, which allows the operator to prepare the packing or the products.

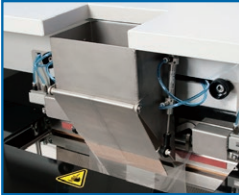


Funnel (fixed)

The funnel guides the product into the bag, the funnel is made of stainless steel. The funnel is mounted above the sealing bars and can be used for manual and or automatic dosing filling.

Funnel (accumulating)

The funnel is made of stainless steel and will accumulate the products before they will be dropped into the bag. This is highly recommended when a dosing system is used.



Hand shake

The hand shake allows for communication with external dosing systems.

Printer signal

The printer signal allows for communication with any printer or labeller.

Coding systems

It is possible to mount all kinds of printers/labellers on the Speedpack Hybrid. The machine can be purchased completely equipped with a printer/labeller or just prepared for being used in combination with a coding device.

Discharge conveyor (intermittent)

The discharge conveyor carries the bags away from the machine to the table height. With every cycle of the packaging machine, the conveyor forwards one step. It consists of a horizontal section where the bag is dropped, and inclined section which has a height of approx. 900 mm. The height and the angle of the inclined section is adjustable. The conveyor is constructed of stainless steel (304) and is fitted with wheels. The belt with dividers is made of food grade material.



Optimizer

The optimizer consists of a sorting table on which the product can be placed and a conveyor belt with dividers. A counter with photo eye is placed at the end of the conveyor. The operator manually fills the conveyor sections and the conveyor automatically dispenses the products into the accumulating funnel. The Speedpack automatically seals the bag when a set number of filled sections is counted.

