



**AUDION**  
Packaging Machines

# SPEEDPACK HYBRID ORDER FULFILLMENT



**BOOST YOUR  
E-FULFILLMENT**

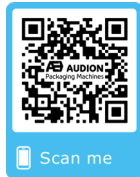
# SPEEDPACK HYBRID ORDER FULFILLMENT

The revolutionary Speedpack Hybrid Order fulfillment has been designed to meet the increasing demand for more efficient and more flexible packaging when shipping products in E-fulfillment industry.

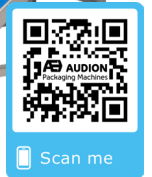
Using a sophisticated (patented) bag creation assembly, orders can be packed using lay flat tubing or pre-made bags on roll. This hybrid ability creates a distinct advantage when compared to other E-fulfillment packaging systems. When using lay flat tubing each bag made can be right-sized in length to the product being shipped. **The result is a lower material cost, reduction in material stock keeping, savings on freight and enhanced consumer satisfaction.**

## Two Coding solutions

**Thermal printer:** printing shipping data directly onto the bag



**Label printer:** printing and labeling shipping data directly onto the bag



Both printing solutions are integrated on the Speedpack Hybrid and connect directly to your shipping software. This enables shipping and customer data to be printed in next-bag-out mode, minimizing errors in packaging. The ideal bag size will be made and simultaneously printed for the E-fulfillment shipping process. The easy-load bag grippers create a large bag opening for ease of loading.

By integrating the Speedpack into your packing station, a **proven increase of pack and ship efficiency** will result. Order data will instantly be transmitted to the printer and correct data will be printed directly on the bag, without additional human involvement.



barcode scanner  
for printing shipping  
information on the bag



## A full solution for E-fulfillment packaging, including all options to optimize efficiency:

- Bags on roll sensor for easy switching from lay flat tubing to bags on roll packaging
- Film guide to optimize film transport
- Film end detection
- Photocell for pre-printed film
- Ventilation hole for excess air to escape
- Easy load bag grippers
- Bag open detection
- Bag support discharge conveyor
- Safety light curtain for extra operator safety
- Handshake to enable communication with automatic infeed systems
- Thermal printer or label printer, including print signal and mounting
- Automatic bag length selection
- Frame on wheels for extra mobility
- User-friendly Audion Touch Techware interface for maximum flexibility
- Interface ports to integrate infeed as well as outfeed devices
- Self-diagnostic program for quick problem solving



## Main benefits

- Output boost compared to manual packaging!
- No film waste: every order at the desired bag length
- Easy product loading system
- Shipping data directly printed on bag: reducing steps in packaging process (connect your ERP system to printer)
- Significant efficiency increase due to bag size selection, film savings, labor productivity and reduced shipping costs
- Reliable solution for peak seasons: heavy-duty performance
- Increased employee satisfaction: ergonomic advantages compared to manual packaging
- Less square meters needed due to compact size machine
- Quick roll change to facilitate easy and fast change over

## Optional:

Foot operation • Hand grip in bag • Taller operating height for longer bags • Various outfeed conveyors possible

## DISCOVER ALL SPEEDPACK VERSIONS



### SPEEDPACK 300 TABLETOP

A smart, tabletop, semi-automatic bagger operating from pre-opened bags on roll (max. 300 mm bag width). This cost-effective solution for warehouse packaging is electrically powered (no compressed air needed) and can be easily plugged in for packaging a wide variety of products in production lines.



### SPEEDPACK HYBRID 400

A next-bag-out e-fulfillment packaging system, creating bags at desired lengths while shipping data are simultaneously printed on each bag. A real impact on your cost efficiency due to labor and material savings! The hybrid functionality allows you also to pack from bags on roll, if needed.



### SPEEDPACK HYBRID 550

Developed for operating lay flat tubing and pre-opened bags on roll with a maximum width of 550 mm. Speedpack 550 enables a wide opening of the sealbars of maximum 260 mm. An advanced technology enables electric adjustment of frame height. Further, the Speedpack 550 can be equipped with various advanced features tailored to any customer, such as automatic adjustment of bag support for various bag lengths, coding solutions, product discharge solutions.

*" Speedpack  
increased our  
output by more  
than 70 % "*





# **AUDION** Packaging Machines

*Together we make the perfect package*



## **SPEEDPACK HYBRID ORDER FULFILLMENT**


We kindly invite you to contact us for exploring various Speedpack versions tailored to your business!

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Packaging Machines

[audion.com/speedpack](https://audion.com/speedpack)

 **Call our advisors**

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# Cost savings from integrating Speedpack Hybrid into your e-fulfillment process

Integrating Speedpack Hybrid into your e-fulfillment process will have a significant impact on your cost savings. Speedpack Hybrid simplifies the intervention of human labor within your e-fulfillment packaging processes. Further, considerable savings can be made on material and shipping costs.

## Labor cost saving

By integrating Speedpack Hybrid huge savings can be generated compared to manual packaging: no manual packing of LDPE envelopes or carton boxes, no manual labeling with shipping info, no manual opening the envelope or bag for loading the products, no manual closing and no manual discharge of the bag. These are all done in one fast cycle by Speedpack Hybrid, saving considerable packing time and creating opportunity to increase your packaging capacity and opportunity to cope with peak periods in e-fulfillment.

**Increase your operators output** and convince yourself of the savings that Speedpack generates for your business.

## Material cost saving

Creating bags from lay flat tubing is relatively cheaper than using ready bags or carton boxes in e-fulfillment. Speedpack Hybrid even enables you to save an extra 20-25% of film material by selecting the proper bag size for each order. No redundant film is used, no extra air is packed. By implementing Speedpack Hybrid into your order fulfillment process, the operator can easily select the right-size bag for his order resulting into lower material costs.

Extra advantage: environmental aspects of film saving.

## Shipping cost saving

Due to the well-fit of the package, by selecting the correct bag length, packages will be smaller on average and shipping cost will be saved. Also, Speedpack Hybrid automates the labeling process which causes eventual human mistakes to be minimized: every bag will have the correct label, so minimum returns and saving of shipping cost!

Due to above mentioned cost savings, we can state that Speedpack Hybrid belongs to one of the most efficient semi-automatic packaging machines in e-fulfillment industry. The fast Return-on-Investment justifies the investment and explains the worldwide growing popularity of Speedpack Hybrid.

## Benefits of using lay flat tubing in order fulfillment:

- material savings: less material used per package due to right-sizing
- cost efficiency: lay flat tubing is less expensive compared to pre-made bags and carton boxes
- more flexibility: lay flat tubing is widely available\*
- lower shipping costs: smaller package size and dimensional weight pricing
- increased customer satisfaction: bag is no longer oversized to accommodate all products being shipped

*\* Note: high quality lay flat tubing for automatic packaging machines is strongly recommended.*

## Audion Lay flat tubing

### AUDION MANUFACTURES A WIDE RANGE OF HIGH QUALITY LAY FLAT TUBING.

Our lay flat tubing distinguishes itself by a consistent quality and is specially formulated to get maximum performance out of your Speedpack Hybrid. This lay flat tubing is available both plain and pre-printed. By integrating the Speedpack Hybrid into your packaging station, you will now have a reliable and high-performing full packaging solution, generating a proven efficiency increase and fast return-on-investment.

[Call for advice!](#)



- Audion lay flat tubing is available in various environmentally friendly qualities (*made from 25% recycled material up to fully compostable film*)
- Our Audion lay flat tubing is 100% recyclable anywhere plastic films are accepted.

## Technical Specifications

Speedpack<sup>300</sup>, Speedpack<sup>400</sup>, Speedpack<sup>550</sup> for order fulfillment (next-bag-out printing or labeling, data from ERP)

	300 SPK TT bags on roll	400 SPKR bags on roll	400 SPKH lay flat tubing	400 SPKR High Speed <sup>2</sup>	550 SPKR bags on roll	550 SPKH lay flat tubing
Seal width	1,5 mm	1,5 mm	1,5 mm	1,5 mm	1,5 mm	1,5 mm
Bag length <sup>(min-max)</sup> (label printer) <sup>1)</sup>	135 - 500 mm	270 - 600 mm	270 - 600 mm	270 - 600 mm	430 - 900 mm	430 - 900 mm
Bag length <sup>(min-max)</sup> (thermal printer) <sup>1)</sup>	-	325 - 600 mm	465 - 600 mm	325 - 600 mm	325 - 900 mm	465 - 900 mm
Minimum bag length (no coding)	90 mm	130 mm	80 mm	130 mm	130 mm	130 mm
Sealing length <sup>(min-max)</sup>	50 - 300 mm	80 - 400 mm	80 - 400 mm	80 - 400 mm	120 - 550 mm	120 - 550 mm
Product loading zone <sup>(depth seal bars)</sup>	75 mm	150 mm	150 mm	150 mm	260 mm	260 mm
Bags per minute <sup>3)</sup>	20	60	20	40	40	16
Bags per minute <sup>4)</sup>	-	10	7	10	15	12
Film material	LDPE, CPP <sup>5)</sup>	LDPE, CPP <sup>5)</sup>	LDPE, CPP <sup>5)</sup>	LDPE, CPP <sup>5)</sup>	LDPE, CPP <sup>5)</sup>	LDPE, CPP <sup>5)</sup>
Film thickness	25 - 150 micron	40 - 125 micron	40 - 125 micron	40 - 125 micron	40 - 125 micron	40 - 125 micron
Working height	Tabletop	875 mm <sup>(optionally adjustable)</sup>	875 mm <sup>(optionally adjustable)</sup>	875 mm <sup>(optionally adjustable)</sup>	926 mm <sup>(electrically adjustable)</sup>	926 mm <sup>(electrically adjustable)</sup>
Required external air	none	6 bar	6 bar	6 bar	6 bar	6 bar
Power supply	500 Watt	1850 W	1850 W	1850 W	3000 W	3000 W
Dimension in mm <sup>(l x w x h)</sup>	450 x 650 x 595	1100 x 900 x 1100	1100 x 900 x 1100	1300 x 1000 x 1250	1560 x 1144 x 1489	1560 x 1144 x 1489

1) Using label length 150 x 100 mm

2) Bag length variation possible, but not in next-bag-out mode

3) Bags per minute narrow film (no HPC), depending bag length, material, operator, printing

4) Bags per minute using gripper / HPC, depending bag length, material, operator, printing

5) Also anti-static, anti-corrosion

## Speedpack versions bags on roll / fan-folded ready bags

For customers requiring a **higher speed system**, the Speedpack can also be built without integrating the bag maker assembly. This allows for an e-fulfillment packaging system exclusively using bags on roll or bags fan-folded in a box.



### SPEEDPACK FOR PRE-OPENED BAGS ON ROLL

For customers operating pre-opened bags on roll only, Audion also designed a Speedpack for operating exclusively pre-opened bags on roll or fan-folded bags from a box (no bag creation assembly integrated).



### SPEEDPACK FOR FAN-FOLDED BAGS FROM BOX

For customers exclusively operating from fan-folded bags from box this Speedpack is equipped with a film roll system pulling bags out of a box. An easy drawer allows fast change-over of the pre-made bags. A next-bag-out thermal printer ensures customer data being printed directly on the bag. High order fulfillment productivity.



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