

Kallfass



Special shrink tunnel for sleevewrappers

HV-SERIES

The KALLFASS HV tunnel series has been specially developed for the making of a completely closed transport package in polyethylene films. Due to the refined HV technique, this can be realized without any additional sealing tool, in combination with a Kallfass sleevewrapper. The advantages of this new technology are considerable savings of film, and a plainly better visual effect compared with conventional fusion seal machines.

The principle is simple but effective. Within the shrinking zone of the tunnel, and integrated film blower system ensures a controlled overlap and sealing of the lateral film. This unique new side fusion seal technology will reduce your film consumption. A film savings of up to 15% in volume can be reached, depending upon the product to be wrapped. Lateral film bulges will be reduced to a minimum.

All remaining features of the UNIVERSAL HV tunnel are convincing too. The hot air stream can be optimally adapted to the contour of the product to be shrink wrapped, by means of horizontal and vertical adjustments to the sliding registers. These registers can be easily adjusted outside the tunnel hood. The wear resistant and contactless temperature controls, as well as the highly efficient tunnel insulation with a double insulation hood reduce the energy consumption. Live or dead transport rods are standard.

Products packed with Kallfass HV tunnels are easily combined into storage or transport units, since there is no excess film bulge. Optimized space requirements will lead to cost savings and better handling within the logistics chain to the end user.



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Verpackungsmaschinen

Results count.

Facts, data, figures

Technical data	UNIVERSAL 650 HV	UNIVERSAL 950 HV
Tunnel clearance in width:	650 mm	950 mm
Tunnel clearance in height, fix:	400 mm	500 mm
Length of the heated tunnel hood:	1700 mm	1700 mm
Length of the additional insulation hood:	2200 mm	2200 mm
Extended tunnel outfeed:	600 mm	600 mm
Working height, adjustable:	800 - 900 mm	800 - 900 mm
Product transport, rod chain conveyor with silicone coated rods, gapping between rods 25 mm:	rod diameter 12 mm	rod diameter 16 mm
Transport conveyor, speed variable, mechanically adjustable:	5,5 - 21,5 m/min.	5,5 - 21,5 m/min.
Drive, three-phase gear motor:	0,37 kVA	0,37 kVA
Heating blower capacity:	variabel mittels Frequenzumformer	variabel mittels Frequenzumformer
Air-flow regulation:	sliding registers at the bottom and the sides adjustable from outside the tunnel hood	
Temperature control by means of electronic thermostat:	switching precision $\pm 0,2^{\circ}$ C	switching precision $\pm 0,2^{\circ}$ C
Power supply with protective earth conductor:	400 Volts, 50 Hz	400 Volts, 50 Hz
Heating capacitors, installed		
(consumption in continuous operation approx. 40%):	30 kVA	36 kVA
Rated capacity:	32 kVA	38,5 A
Nominal current at 400 V (in single phase operation):	46 A	56 A
Max. total connected load, incl. add. three phase power supply:	62 A	72 A
Position of control cabinet and operating side:	left hand side in working direction	left hand side in working direction
Compressed air supply:	6 bar, dry air	6 bar, dry air
Colour:	KALLFASS-Anthracite	KALLFASS-Anthracite

Additional thermal insulation of the electrical cabinet

Film blow up system for 3 widths, each width can be turned on individually or in combination

Wear resistant and contactless temperature control

Options at extra cost

Weekly program timer on/off automatic with acoustic start warning

Transfer rollers in the tunnel infeed

Machine on/off from packing machine with acoustic start warning

Plugs for power and signalling connection with up-stream machine

Cool-down automatic, activated by push button, heating will be switched off, tunnel transport and tunnel blower stay in operation

Transport monitoring system by means of contactless initiator direct at the transport, including emergency stop of the heating; with optical indication

Rod chain conveyor equipped with clutch and optical indication

Plastic-mesh-belt, speed range approx. 10 - 35 m/min.

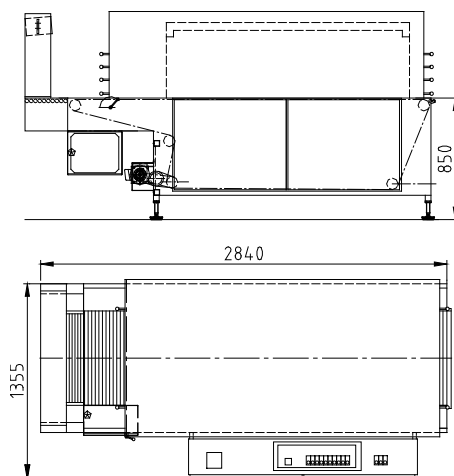
Special cooling blower above product outfeed

Special voltage (for standard voltage see technical data)

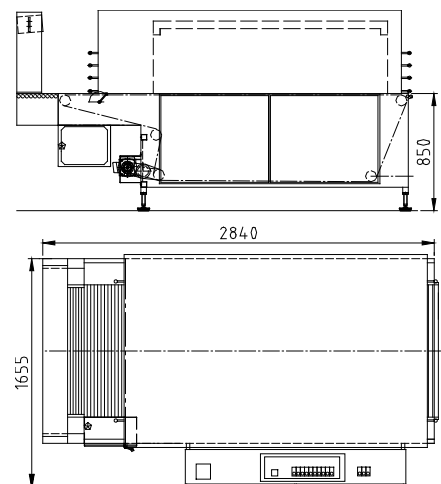
Machine dimensions (approx. in mm):

(This drawing may show options which are not included in the basic machine version and are available against up-charge only.)

Universal 650 HV



Universal 950 HV



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Verpackungsmaschinen

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