



Compact L-sealer with shrink tunnel

KC 5040/450 Universal

KC 8060/650 Universal

MC 4040/400

Kalfass
Verpackungsmaschinen

A class of its own!



- 1 Circular products can also be processed by the KC series without difficulty
- 2 Excellent packaging results with game boxes, software boxes etc.

These pack a lot away! The KC-Models

Created for the demanding of industrial applications – the KC 5040/450 and KC 8060/650 compact L-sealers in combination with high performance shrink tunnels.

The qualities of this series of machines become evident when subjected to hard, continuous use. Products such as for example printed material, sets of glassware, or oil canisters can all be packed quickly and economically whilst maintaining a high quality.

The proven impulse sealing technology using a teflonised sealing and cutting wire provides for an effective and absolutely inodorous mode of operation. The KC 5040/450 and KC 8060/650 are fitted electro-magnetically operated hooks to apply constant pressure during the sealing cycle. This guarantees accurate maintenance of the set sealing time, and trouble-free sealing and cutting, even with thicker films.



- 7 Electromechanical sealing frame closure at the touch of a button or according to a set time interval.

For each application the matching solution

You have product packaging requirements that are widely varying but always demanding. We have a machine design concept that offers an optimum solution – the KC series.

Fingertip closing of the sealing frame, automatic locking mechanism, independent opening of the sealing frame and automatic transport of items in the exit

section. All this guarantees a speedy operating sequence.

The electromechanical sealing frame drive can be switched over to a variable operating cycle. The electro-mechanical operation is closed and opened automatically due to the fixed time interval. That means automated working method to a grade extend with up to 20 cycles/min.

- 1 Automatic transport conveyor into the shrink tunnel – height infinitely adjustable so that seal seams are always located at half the product height
- 2 Closing mechanism with automatic press action
- 3 Controllable transport by rod chain
- 4 Double reel holders for the introduction of two film reels
- 5 Electromechanical sealing frame closure action
- 6 Film perforating device with needle roller and safety cover
- 7 Motorised film drive
- 8 Air table plate for automatic opening of the centre-folded film



Compact Shrinker
KC 5040/450 Universal,
combined with shrink tunnel



Extremely compact: MC 4040/400

Outstanding shrink appearance – no need for large space. The MC 4040 with its shrink tunnel is ideal for small to medium production volumes of small sized packages.

With a required floor space of only 1.32 m² it will fit into the smallest of places. The MC 4040 operates without generating any odours. Continuous cycle rates of up to 15 packs per minute are possible.

The extensive range of features of the MC 4040 includes:

- Impulse sealing technique and Teflon coated wires for reliable sealing and cutting during continuous operation
- Timer relays for selecting the most efficient sealing and closing times
- Stand-by temperature of the sealing wire for shortening sealing times and increasing cycle rates.

The design of Kallfass' machines will exceed your expectations.



Mini-Compact-Shrinker
MC 4040/400

Facts, data, figures

<i>Technical data</i>	<i>KC 5040/450 Universal</i>	<i>KC 8060/650 Universal</i>	<i>MC 4040/400</i>
Electromechanical sealing frame closure at the touch of a button; can be switched over to an adjustable time interval:	Included	Included	–
Film perforating unit with needle roller and safety plate:	Included	Included	option
Motor drive for film transport:	Included	Included	–
Air table plate for easy product feeding:	Included	Included	–
Product transport with silicone coated conveyor rods, rod diameter 12 mm, gapping between rods:	25 mm	25 mm	25 mm
Dimensions of sealing frame:	500 x 400 mm	800 x 600 mm	400 x 400 mm
Film (centre-folded film):	approx. 12 – 80 micron	approx. 12 – 80 micron	approx. 12 – 60 micron
Outside diameter of film reel, max./core diameter approx.:	300 mm/76 mm	300 mm/76 mm	300 mm/76 mm
Width of film reel, max.:	550 mm	750 mm	500 mm
Tunnel clearance in width / tunnel clearance in height, adjustable:	450 mm/100 – 400 mm	650 mm/100 – 400 mm	400 mm/150 mm
Length of the heated tunnel hood:	900 mm	900 mm	700 mm
Transport conveyor speed, variable:	2,5 – 12 m/min	2,5 – 12 m/min	3,5 – 16,5 m/min., frequ.
Drive (three-phase gear motor):	0,25 kW	0,25 kW	0,25 kW
Temperature control:	precision ± 0.2 °C	precision ± 0.2 °C	precision ± 0.2 °C
Machine dimensions (length x height x width) in mm:	2800 x 1440 x 1070	3400 x 1440 x 1270	1980 x 1300 x 820
Heating blower capacity:	infinitely variable	infinitely variable	infinitely variable
Power supply:	400 volts, 50 Hz, 3-phase, with protective earth conductor		
Heating capacity installed adjustable in 2-stages:	4,5 + 1,5 kVA	6,75 + 2,25 kVA	4,5 kVA
Rated capacity/nominal current at 400 V:	7,5 kW/10,8 amps	10,5 kW/15,5 amps	6 kW/8,6 amps
Colour:	KALLFASS Anthracite	KALLFASS Anthracite	KALLFASS Anthracite/Silver

Options at extra cost:

- T-belt sealing system for PE film from approx. 60 µm (only KC-models)
- Speed of transport belt steplessly adjustable by frequency transformer including smooth start (only KC-models)
- Transport monitoring system by means of contactless initiator direct at the transport chain, with optical indication (only KC-models)
- Perforating device with needle roller and protection plate (only MC-model)
- Teflon mesh belt conveyor for small-base products (Attention: rods without silicone coating and not rotating!)
- Cool-down automatic, activated by push button, heating will be switched off, tunnel transport and tunnel blower stay in operation
- 300 mm cooling station behind the tunnel, consisting of aluminium rollers, running in ball bearings
- Special cooling blower above product outfeed
- Special colour (structure lacquer, monochromatic)
- Special voltage

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