



Fully-automatic side sealer

UNIVERSA 1000

Extreme format range

The UNIVERSA 1000 is the perfect side sealer for extremely large products, such as picture frames, furniture, insulation material and others. The encoder controls used by KALLFASS provide maximum flexibility and minimum change over times. Heavy-duty construction and well selected premium components assure the highest amount of runtime, even in tough multi-shift operation and with heavy products. An additional vacuum conveyor under the infeed belt guarantees wrinkle free bags with large format products. A wide range of options is available with the UNIVERSA 1000, so it can be configured for many special applications. The optional modem and Ethernet connection make the UNIVERSA 1000 the perfect component for fully automatic packaging lines, including with main server.



Complete Packaging Solutions & Systems, Inc.

Kallfass 
Results count.

Facts, Data, Figures

Technical Data

Universa 1000

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| Maximum production speed (depends on product and film used): | 50 cycles / min |
| Width of cross seal bar: | 41 in. |
| Max. clearance in height of sealing frame: | 12 in. |
| Min. product length: | 8 in. |
| Film: | center-folded or flat film, approx. 60 gauge - 3 mil. |
| Film cradle: | close to floor for easy film reel loading |
| Working height, adjustable: | 31 - 37 in. |
| Outside diameter of film reel: | max. 16 in. |
| Width of film reel: | max. 47 in. |
| Speed of transport conveyor, fix: | 66' / min. |
| Sealing system: | permanently heated seal bar with exchangeable sealing ledge, maintenance free, with absolutely in-odorous operation, temperature regulation by PLC |
| Operator interface: | Touchpanel, SIEMENS |
| Programmable logic controller (PLC): | SIEMENS S7 |
| Power supply: | 400 volts, 50 Hz, 3-phase, with protective earth conductor |
| Rated capacity: | 4,65 kVA |
| Nominal current (at 400 V): | 6,8 A |
| Colour: | KALLFASS-Anthracite |

Controlling of the products by an encoder. Smooth readjusting of motion times on dimension-or speedchanges.

Infeed conveyor can be pulled out for better access during threading in film

Motor-driven film transport with automatic film scrap take up winder

Permanently heated seal bar with exchangeable sealing ledge, available in different profiles to produce excellent sealing seams depending on product and film

Operator guidance and error diagnostic by colour Touchpanel (available languages:

German, English, French – other languages upon request) incl. Product Data Memory for various products

Options at extra cost

Perforating device with needle roller, 7 rows of needles

Infinitely adjustable speed of both transport conveyors approx. 10 - 35 m/min, incl. smooth-start

Integration of feeding systems (e. g. MGZ 400IL or transport conveyor) in PLC and product data memory

Wheel/knife –combination (patent pending – 10224360.3)

Clearance increased to approx. 330 mm

Free rotating wear free counter seal bar for films without PP content (registered design)

Wheel/knife –combination (patent pending – 10224360.3) with separate cold-knife

Tear-open perforation by cutting wheel for easy opening of packages

Integrated modem (Europe / world)

Ethernet-Interface (hardware), e.g. for connection to production server

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.)

