

up to
120
cycles/min



**Fully-automatic high-performance side sealer
with traveling cross sealing system**

Universa 500 Servo

The Universa 500 SERVO as a "Hybrid" is closing the gap between cycling and continuous motion machines available in the market place today. For the first time, this machine combines advantages from both machine classes into 1 unit, such as full width film transport with vacuum belt for totally square and even bags. Perfect packaging for even the highest requirements is guaranteed. High quality retail packaging for chocolate, software boxes, DVD's, CD's, books, magazines and other high quality retail products.

The continuous motion cross seal and the precise motion control concept with SIEMENS® SIMOTION® as well as Servos for all product related drives allow random packaging with continuous product flow. The soft product movement during the wrapping process minimizes the slip of stacked products and complicated collations. The "500 Servo" uses the same simple product infeed as our highly successful Universa 400. It can easily be integrated in existing production lines. Products with random spacing and different lengths can be wrapped. Format change over, using hand wheels is done quick and easily.

The Universa 500 SERVO: **ultimate performance at an affordable price.**



Kalfass
Packaging Machinery

Results count.

Technical Data

Universa 500 SERVO

product rate depends on product and film:	120 cycles/min
width of cross seal bar:	21"
max. clearance in height of sealing frame:	8"
min. product length:	3"
film:	PE, Polyolefine and PVC
film cradle:	close to floor for easy film loading
outside diameter of film reel:	max. 16"
width of film reel:	max. 24"
speed of transport conveyor, variable:	up to 130'/min
sealing system:	permanently heated seal bar with sealing ledge temperature regulation and control via PLC
operator interface:	Touchpanel SIEMENS TP 270
programmable logic controller (PLC):	SIMOTION from SIEMENS
power supply	208/480 V/3-phase/w. Ground
rated capacity:	5.0 kVA
nominal current (at 400 V):	7.3 amps

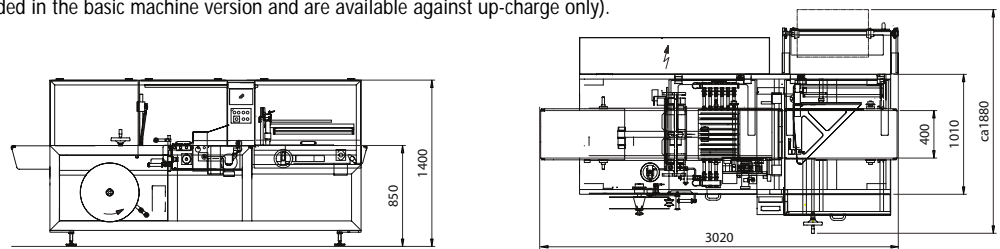
machine controlled with measure values, not time values. This makes product or speed changes fast and simple. No time settings to adjust when changing from one product to another
 infeed conveyor can be pulled out for better access during threading of film
 permanently heated seal bar with exchangeable sealing ledge, available for different profiles to produce excellent sealing seams depending on product and film
 operator guidance and error diagnostic by color Touchpanel

Options at extra cost

- perforating device with needle roller, additional rows of needle
- integration of feeding systems (e. g. MGZ 400IL or transport conveyor) in PLC and product data memory
- food grade no-touch infeed for cakes, pies and Pizzas
- wheel/knife – combination (patent pending – 10224360.3)
- 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
- infeed conveyor extended by approx. 40" for operator friendly product presentation
- narrow infeed belt, approx. 8" wide
- outfeed conveyor as "kissing conveyor" for small products (<3")
- tear-open perforation by cutting wheel for easy opening of packages
- integrated modem
- Ethernet-Interface (hardware), e.g. for connection to production server
- electromotorical format change-over (width and height) data according to product data memory
- vacuum conveyor for precise film feed and tight packaging

Machine dimensions (approx):

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



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