

Facts and figures

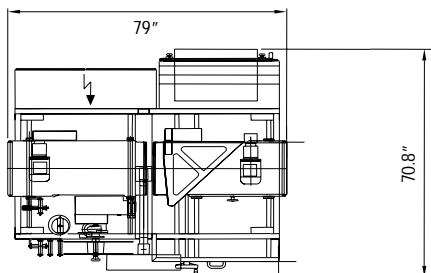
Technical data	UNIVERSA 400 NT	UNIVERSA 700 NT
Width of cross seal bar:	18"	29.5"
Packaging capacity (depending on product):	60 or 85 cycles/min	50 or 75 cycles/min
Minimum product length:	3"	5"
Maximum product width:	15"	26"
Standard clearance in height of seal bar:	8"	10" (optional 12")
Transport conveyor speed, variable by means of frequency inverter:	33'-115'/min	33'-115'/min
Film - centerfolded or flat:	45 gauge-3mil	45 gauge-3mil
Core diameter of film roll:	3"	3"
Width of film roll:	24"	36"
Outside diameter of film roll:	16"	16"
Film cradle – mounted near the floor for easy film loading:	standard	standard
Sealing system – permanently heated seal bar, absolutely odor free operation, temperature control by PLC:	standard	standard
Exchangeable sealing insert:	standard	standard
Working height:	33"-36"	33"-36"
Power supply:	208-480 volt, 3 phase, 60 hz	208-480 volt, 3 phase, 60 hz
Rated capacity:	3.5 kW	3.5 kW
Nominal current (at 400 volts):	5.0 amps	5.0 amps
Paintwork:	Kalfass anthracite	Kalfass anthracite

Options

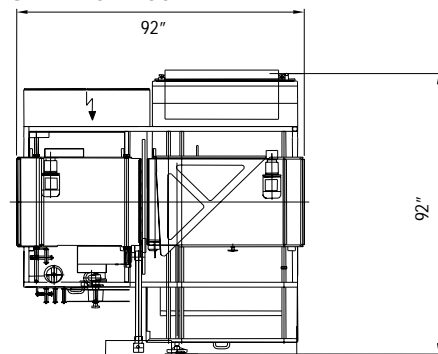
- High speed package for a capacity of up to 75 or 85 cycles/min.
- Motorized format change (width and height) with product data memory
- Closing conveyor for small products (400 NT only)
- Centerfolder
- Print registration control for printed film
- Film low control
- Electro-mechanical hole punching device for controlled air escape
- MGZ lugged infeeds in modular sections
- Integration of infeed systems (such as MGZ lugged infeed or conveyor belt) into product data memory
- Mirror inverted left to right machine direction

Note: In addition to the fully automatic side sealers mentioned above the Kalfass range of machines also includes the fully automatic side sealer UNIVERSA 400 Standard with a packaging capacity of approximately 45 cycles/min.

Machine dimensions: UNIVERSA 400 NT



UNIVERSA 700 NT



UN400NT-E-01-08 Technical alterations reserved

Kalfass
Packaging Machinery

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Fully Automatic Side Sealer

UNIVERSA 400 NT UNIVERSA 700 NT

Just as the name suggests, the **UNIVERSA 400 NT** and **UNIVERSA 700 NT** are extremely versatile fully automatic side seal machines for complete overwrapping of a wide range of products with shrink film.

Even small series of products with varying product dimensions can be wrapped economically at high speed. The machine parameters are easily adjusted and an integrated product data memory is capable of storing product information on up to 250 different products. This allows machine information such as conveyor speed, sealing temperature, and cycle time to be automatically downloaded to the machine. Also, height and width settings, film thickness and type are accessed and displayed on the control panel

allowing size change in minutes. The **UNIVERSA 400 NT** and **UNIVERSA 700 NT** with their high speed, rapid size change and ability to handle unstable, large or small products are ideally suited for a multitude of applications.

Versatility and speed are the key to success in today's competitive market. For this reason, the Universa was designed to be easily adaptable to a wide variety of requirements in almost no time at all.

Quick and easy adjustment of the machine to different product dimensions was where we focused our attention. The height of the side sealing unit, cross seal bar and forming shoe is centrally adjustable with a crank handle, and the infeed conveyor width can be adjusted with a

second crank. For easier access to the forming shoe and, thus, faster film roll change the infeed conveyor can be pulled out by simply turning a lever. Operator prompting on a control panel with multilingual text display guarantees safe machine handling and constant high quality packaging results.

The Universa reaches - depending on product specifications - up to 50-60 cycles per minute or 75-85 cycles per minute with our high speed package.

Kalfass
Packaging Machinery