

Kalfass



Compact Shrink Tunnel

Mini 400

Compact and economical

The Mini 400 is the ideal shrink tunnel for small and medium-sized packaged goods. However, the tunnel needs only 0,67 m² of floor space and is particularly recommended for areas where space is a bit tight. Its compact exterior conceals a high-tech interior which produces surprisingly excellent shrinking results for this class of machine. Underneath the tunnel hood is a clever double-chamber system with air flow plates that can be easily adjusted from the outside. The hot air current, which circulates in a closed circuit can be adapted for all packaging products, even those with difficult contours. Its state-of-the-art technical equipment is suited for shrinking all types of usual trade film of approximately 12–60 µm, e.g. polyethylene, and polyolefine films at a relatively high capacity level. The Mini 400 is particularly suitable for combining with Kalfass L-sealers. In many cases it is also the ideal partner for fully automated complete overwrapping machines, such as the UNIVERSA 5050 or the UNIVERSA 400 models.

Its state-of-the-art technical equipment makes the Mini 400 a high-performance, energy-saving shrink tunnel with low space requirements. And when it comes to heat insulation, the Minis exemplary. The highly-effective heat insulation in the tunnel hood and the clever double-chamber system lower the energy consumption significantly.



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Results count.

Facts, data, figures

Technical Data

Mini 400

Tunnel clearance in width:	400 mm
Tunnel clearance in height:	150 mm
Length of the heated tunnel hood:	700 mm
Working height, adjustable:	800 - 950 mm
Product transport:	rod chain conveyor with silicone coated rods, gapping between rods 25 mm, rod diameter 12 mm
Speed of rod chain conveyor, variable:	3.5 – 16.5 m/min, by frequency transformer
Drive:	DC gear motor, 0.25 kVA
Heating blower capacity:	infinitely adjustable
Air-flow regulation:	by means of adjustable sheet metal plates
Temperature control:	by means of electronic thermostat, switching precision +/- 0.2° C
Power supply:	400 Volts, 50 Hz, with protective earth conductor
Heating capacity, installed:	4.5 kVA (consumption in continuous operation approx. 40%)
Rated capacity:	5 kVA
Nominal current at 400 V:	7.2 amps
Total connected load:	max. 16 amps (incl. add. three phase power supply)
Position of control cabinet and operating side:	left hand side in working direction
Colour:	Kalfass- Anthracite

Wear resistant and contactless temperature control

Device for rotating of rods can be activated if necessary

Machine on castors (of which 2 can be fixed) for mobility

Special energy saving insulation in tunnel hood; double-chamber system for increased efficiency

Options at extra cost

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

Transfer rollers in the tunnel infeed

Teflon mesh belt conveyor for small-base products

300 mm cooling station behind the tunnel, consisting of aluminium rollers, running in ball bearings

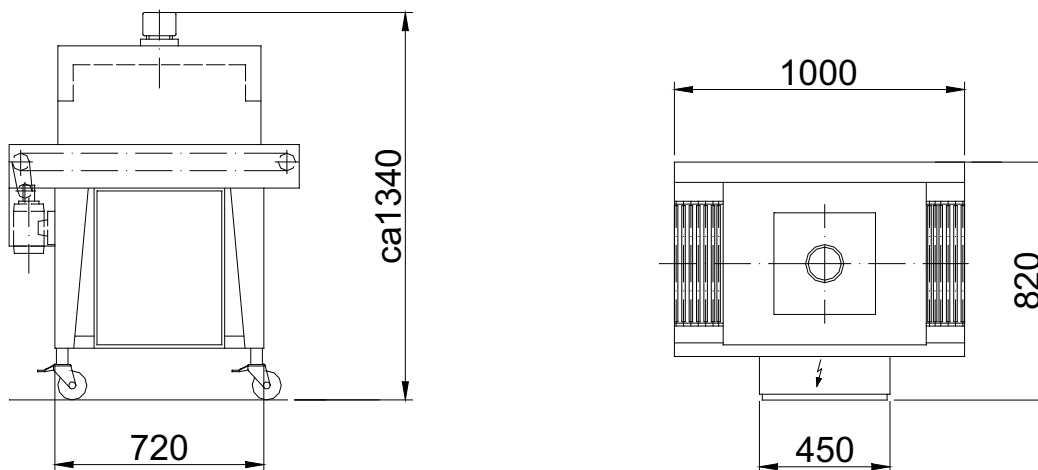
Compact cooling blower above the cooling station

Special colour (structure lacquer, monochromatic)

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.)



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