

## High Quality Shrinking Tunnel and Temper-Ovens

«VT»



1. Automatic lubrication of conveyor chain
2. VT – 45/65
3. VT – 13 for battery-packs
4. Shrinking Tunnel with Slit on one side!

### Typical installations:

- Shrinking of films around products following to fill wrapping machines
- Shrinking of shrink sleeves upon different products, such like batteries, bottles, metal-tubes, fluorescent tubes
- Shrinking of fabrics
- Tempern of plastic (e.g. crystallization of PET)
- Drying of products



### Technical dates:

- Passage in width: available from 300 to 1500 mm
- Passage in height: available from 150 to 1000 mm
- Conveyor speed: from 0,1 m/min to 55 m/min
- Heating capacity: depends on demand, from 3 to 65 kW
- Accuracy of temperature: depends on demand, up to +/- 3° K in whole tunnel cap

### Extras and options:

- rotating conveyor bars to avoid marks on bottom side of package
- automatic lubrication of conveyor chain
- extended inlet and outlet of the tunnel
- extra doors at in- and out-side of the tunnel cap adjustable height
- double insulation of the tunnel cap
- distance of conveyor bars 12, 25, 37, 50 mm
- brushes at tunnel end (side-sealing)
- cooling blower at end of tunnel

## Shrinking Tunnel



### Typical installations:

Following to semi or fully automatic film wrapping machines such like L-sealer, sleeve wrapper, fully wrapper, horizontal flow pack machines this shrinking tunnel will shrink all shrinkable films such like PE, Polyolefin, PVC, etc. Further applications: tempering and calibration of plastic materials, shrinking of shrink sleeves, warming up or drying of several products.

The shrinking tunnel fo type „VT“ distinguishes itself by short heating up periods and an economical consumption of energy. Precise air guides and an intensive air eddy guarantee neat shrinking results. A special electronic control and an energy recycling system minimizes energy consumption. As an option an accuracy of temperature of max. + 3° C can be granted for the whole shrinking tunnel and an accuracy of temperature of max. + 1° C at the outlet of the heating chamber.

### Extras and options:

Other sizes of machine (e.g. larger widths up to 1.600 mm or heights up to 1.000 mm), systems with faster or slower conveyor speeds (< 1 m/min or > 60 m/min), extra heating capacity (more than 70 kW) for processing or warming ovens or Infrared ovens are also available. We ask for your detailed enquiry to quote your tailor made tunnel!

### Options and extras for tailor made solutions:

- Longer infeed or outlet roller conveyor or conveyor belt
- Curve conveyors
- Fully electronic control of temperature
- Cooling blower
- Spring fixed brush rollers at tunnel (side sealing of shrink film)
- Guides in front or through shrinking tunnels
- Bulkhead doors
- Rotating conveyor bars for smooth package bottoms without marks
- Reduced distance of conveyor bars
- Teflon net-belt
- Heavy duty finish for product's weight more than 100 kg/m
- Increased heating capacity
- High speed line for conveyor speed more than 60 m/min
- Separate top and bottom heating
- Automatic lubrication of conveyor for less maintenance costs
- Heat control inside of tunnel cap
- Delayed machine's switch off
- Timer for automatic start of the machine
- Emergency opening of tunnel cap by falling out of electric power

### Standard equipment of a VT Shrinking Tunnel:

- moveable machine with total lock rollers or height adjustable feet
- infinitely adjustable speed of conveyor belt
- infinitely adjustable control of temperature by a thermostat or by electronic temperature control
- energy saving thermo-recycling
- extended 1 m long gravity roller
- two colour paint with strong and resistant lacquer

Technical dates:	VT - 13	VT - 24/ 34	VT - 25/ 35	VT - 26/ 36/ 46	VT - 28 /38 / 48 / 58	VT - 210/ 410	VT - ?
Width of conveyor belt:	300 mm	400 mm	500 mm	600 mm	800 mm	1000 mm	..... mm
Passage in height:	150 mm	200 / 300 mm	200 / 300 mm	200 / 300 / 400 mm	200 / 300 / 400 / 500 mm	200 / 400 mm	..... mm
Heating capacity:	6 kW	6 / 8 kW	12 / 14 kW	14 / 18 / 24kW	> 24 kW	> 36 kW	..... kW
Electric power:	400 V	400 V	400 V	400 V	400 V	400 V	400 V
Approx. space: L x W:	1 x0,6 m <sup>2</sup>	1,2 x 0,8 m <sup>2</sup>	1,4 x 1 m <sup>2</sup>	2,5 x 1,4 m <sup>2</sup>	2,5 x 1,6 m <sup>2</sup>	2,5 x 1,8 m <sup>2</sup>	