

Now for  
Polyolefin  
Shrink Films!



*Shrink Tunnel for PE and Polyolefin Shrink Films*

## *STANDARD 650 NT*

*Our versatile shrink tunnel, the Standard 650 NT, will enhance the appearance of your shrink packs – judge for yourself.*

The Standard 650 NT produces excellent overall shrink even with odd-shaped products, satisfying the most stringent quality standards. The machine is designed for medium to high production rates, for multi-packs (e.g. printed material), cans

with supporting trays, or PE multi-packs – and now also for single display packs in polyolefin shrink film, this is ideal for products such as large praline boxes or large wooden picture frames.

Energy efficient operation is provided by a two stage heating system, an air recirculation system, a dual chamber tunnel, and effective insulation of the tunnel hood. The Standard 650 NT has externally

adjustable hot air flow controls. Air flow is guided around the product by adjustable flaps on the sides of the heating chamber and bottom registers.

The Standard 650 NT is fitted with a rod chain conveyor with infinitely variable speed controls. The shrink tunnel is suitable for all industrially used films.

**Kalfass**  
Verpackungsmaschinen

*A class of its own!*

# Facts, Data, Figures

## Technical Data

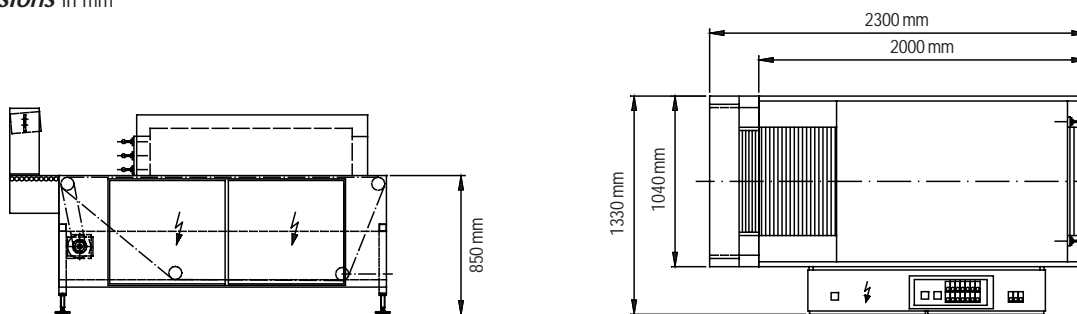
	<b>Standard 650 NT</b>
Tunnel infeed width / height:	650 mm / 200 mm <i>fixed</i>
Length of heated tunnel hood:	1400 mm
Tunnel outfeed, extended:	approx. 500 mm
Two transfer rollers at tunnel entrance:	standard
Working height, adjustable:	800 mm – 900 mm
Product transport (distance between rods 25mm, rod diameter 12mm):	rod chain conveyor with silicone coated rods
Variable conveyor speed:	6 m/min – 22 m/min, frequency controlled
Drive power rating:	0.37 kW
Energy saving, 2-step heating system and highly efficient insulation of tunnel hood:	standard
Blower motor power output:	constant
Air flow control: register at the bottom and adjustable side flaps:	standard
Electronic thermostat for temperature control:	accurate within $\pm 0.20$ °C
Control voltage / Supply voltage:	24 volts DC / 400 volts, 3-phase, 50 Hz, with protective earth
Installed heating power (approx. 2.5 times continuous power):	18 kW plus additional 6 kW
Rated capacity:	26.5 kW
Rated current (for single operation):	38.2 amps
Maximum current (includes rating of additional 3-phase socket):	54.2 amps
Control panel and operator side:	left hand side in machine direction
Colour:	Kalfass anthracite

The machine conforms to EU Machinery Directive 98/37/EG (CE-Certificate), VDE-Guidelines and applicable Health and Safety Regulations of the Berufsgenossenschaft Nahrung und Genussmittel (Employers' Insurance – GS-Certificate)

## Optional Extras

- Tunnel infeed height 400 mm, *fix*
- Shut off with automatic cool down cycle – heating is switched off while conveyor and blower continue to run
- Programming of weekly, automatic starts – heating and transport conveyor – with acoustic start warnings
- Remote start from preceding machine with acoustic start warning
- Central lubrication for drive and transport chains
- Hold down rollers in tunnel for thin products
- Plugs and sockets for supply voltage and control signals to and from preceding machine
- Cooling station behind the tunnel, 300 mm long, with aluminium rollers running in ball bearings
- Special cooling blower in top of tunnel outfeed
- Special colour (single colour, structure lacquer)
- Special supply voltage (see technical data for standard voltage)

## Dimensions in mm



ST-STAN650-12.01\_gb - Technical alterations reserved

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