



Thermoform machine 814

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Product benefits

- Three-way operating zone and compact dimensions for high loading and unloading flexibility
- Solid steel construction and premium components for high fiability
- Modular assembling to allow for subsequent extentions and upgrades
- Precise movements by pneumatic drives with synchronism
- Individual format adaption by adjustable stentering frame and removable window-disks
- Individual temperature control by adressable pilot heaters
- Manual tool change

Sheet /model dimensions

- Sheet dimensions (top-heating)* 800 x 800 x 5 mm
- Window format 740 x 740 mm
- Tool height 350 mm

Option:

- Sheet dimensions (top-heating and support-heating)* 800 x 800 x 10 mm
- Free table-space below support-heating 200 mm

* Example of application: Sheet material PS

Control /operations

- Switchboard rotatable and height adjustable
- Heating temperature control via JUMO® digital control
- Support air blast via tactile pulse
- Stretching air blast via tactile pulse, adjustable
- NOT AUS switch in switchboard
- NOT AUS main switch in electric control cabinet

Option:

- Automatic control Siemens LOGO®
Package incl. safety panelling, water sprayer, air cooler, pyrometer, light veil, light barrier



Heating system

- Top-heating with 36 Elstein® ceramic heaters, heating output apiece: 400 W 14.4 KW
 - Heating control top-heating by heating zones, via semi-circularly heater-cluster with adressable pilot heaters 6 channels,
3 pilot heaters
- Option:
- Support-heating with 36 Elstein® ceramic heaters, heating output apiece: 250 W 9.0 KW
 - Heating control support-heating by heating zones, via semi-circularly heater-cluster with adressable pilot heaters 6 channels,
3 pilot heaters
 - Light barrier with support air blast impulse (support-heating protection)

Vacuum system

- Integrated vacuum pump 400V, 1KW 16 kbm/h
- Vacuum valve ½" direct

Drives /mechanics

- Top-heating drive manual with adjustable pull-bar
 - Heater carriage with ball-bearing synchronism
 - Table drive via 2 pneumatic cylinders Ø 63 mm lift 400 mm
 - Stentering frame suspension in equal balance with excentric tappet and put-up hinge nivelation 3 mm
- Option:
- Pneumatic stentering-frame drive, tactile operation
 - Pneumatic support-heating drive, manual
 - Skinpack device

Elektrics

- Aplication of high-quality components by well-known manufacturers only: Moeller /JUMO /ABB/ Siemens
- Heater cabling via stainless-steel power rails, connection via heat-resistant cables in glass-fiber tube