

Preheating station for Solid Surface
Material of any kind and Thermoplastics

MIKUTHERM-OPTIMAL



KOMPETENZ IN HEIZPLATTENTECHNIK + SERVICE

The ELKOM preheating station MIKUTHERM OPTIMAL has been developed for economical, safe and protective heating of solid surface sheets as well as all thermoplastics, acrylic glass and similar material. It is the latest, most efficient and safest system on the market.

Technical features :

Top and bottom ELKOM aluminium industrial electrical heating platen (18 mm thick , extremely durable)

Free-moving drawer with ball-bearing guide for easy access to table

Top table with short-stroke cylinders (pneumatic) and material thickness adjustment .

Central switchbox with main switch , 2 computerised controllers (self optimising) up to 200 °C (stepless adjustment) Pneumatic switch for top table stroke and maintenance unit

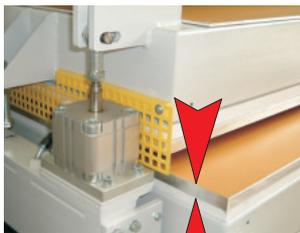


Solid surface sheets and other thermoplastics must be heated carefully. Contact heat on both sides without application of pressure to the material is ideal. MIKUTHERM-OPTIMAL meets the requirements of the raw material suppliers and fabricators. In contrast to conventional temperature control systems with folding-cover tables maximum safety is achieved with short and material-protecting cycle times. The preheating time for a 9 mm solid surface sheet is only about 10 minutes. The high-quality, gold anodised ELKOM heating platens ensure protection of the material, uniform continuous temperature and extremely long life. The solid surface sheet is held flat, but not pressed by the lowerable top table.

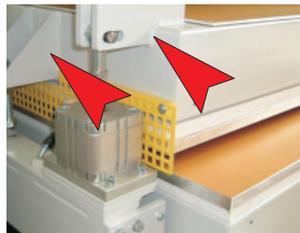
Any risk of colour change is avoided by the precise MIKUTHERM technology.

- Easy access to material through ball-bearing guided drawer.
- Only 5 seconds for opening and closing. No other technology is faster ore more efficient.
- Heavy duty steel construction, tension free, for unlimited lifetime
- No handling between hot platens
- Automatic thickness adjustment, no risk of pressing or touching the precious material surface

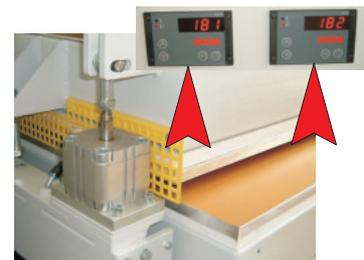
More unique advantages :



More Safety :
18 mm thick industrial heating platen with best temperature uniformity



More reliability :
Solid , heavy steel construction carefully welded , tension free for unlimited lifetime



More efficiency :
Computer-controlled energy saving system with only one controller for each platen guarantees top results at lowest labour- and energy costs.

Technical Data

Base size 1100 x 1100 up to 3800 x 1100mm
Table height/support : 850 mm
Connected load : 6,4 - 30 kw according to size
Voltage : 400/690 Volt 3 ph.
Temperature : 0-200 °C , stepless
Material thickness : adjustable up to 25 mm

We look forward to receiving your enquiry



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