

FEATURE	VALUE / DESCRIPTION	FEATURE	VALUE / DESCRIPTION
Number of tables	1 working table	Control system	Industrial PLC and touchscreen operator panel
Working table External dimensions	1400.00 × 3100.00 × 65.00 mm	Operating mode	Manual and automatic operation
Working table Internal dimensions	1250.00 × 2950.00 × 65.00 mm	Electrical & electronic equipment	Schneider components and heat-resistant cables
Upper heating system	Vertically moving infrared heating unit	Frame movement	Vertical movement by pneumatic cylinders
Carriage / heating unit Motion system	Size 80 pneumatic cylinders. A rack-and-pinion system maintains linear motion.	Additional frame lock	Additional locking mechanism secures the frame in its working position
Vacuum system	100 m³/h Italian GEV oil-lubricated vacuum pump with a 200 m³ air tank	Integrated lower heating oven	Preheats suitable acrylic and solid surface sheets before forming.
Temperature sensor	Infrared sensor for direct measurement of material surface temperature	Silicone membrane Application	Natural wood veneering, laminated wood bending and forming suitable sheets over a mould
Operating air pressure	6–8 bar, dry and clean compressed air	Process settings	Temperature, vacuum and time settings depend on the material and application.
PVC foil loading	Foil unwinding system for 4 rolls with bearing-mounted supports	Operating flexibility	The vertically moving upper heater facilitates work with tall moulds and workpieces.

**ONE MACHINE
4 APPLICATIONS**

PVC foil
lamination

Natural wood
veneering

Wood
bending

Acrylic
forming

Warranty: 1-year standard parts warranty and 2-year service warranty.

Dimensions may vary by project. Application equipment and scope of supply are defined in the quotation.

HSM OVERVIEW



VERTICALLY MOVING UPPER HEATER

Linear motion with size 80 pneumatic cylinders and a rack-and-pinion system.



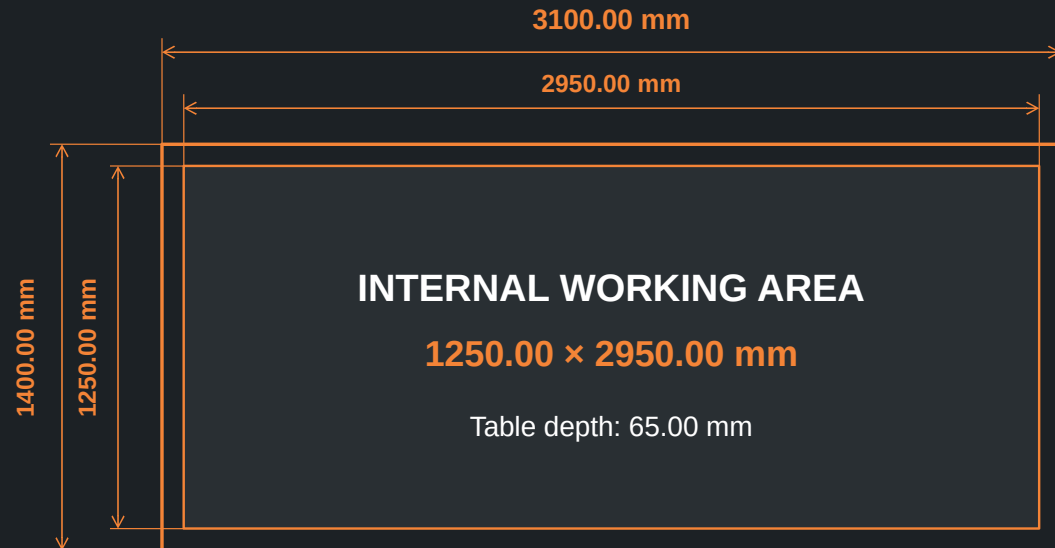
Integrated lower heating oven

Preheating for acrylic and solid surface sheets.

Equipment shown may vary with the supplied configuration.

TABLE DIMENSIONS

Schematic top view



1 WORKING TABLE

External: 1400.00 × 3100.00 mm

Internal: 1250.00 × 2950.00 mm

Table depth does not indicate the maximum workpiece height.

Dimensions may vary by project.