

# TF-160H/300H/350H

## THERMOFORMING MEMBRANE VACUUM PRESS



The thermoforming membrane vacuum presses TF-160H, TF-300H and TF-350H is designed special for solid surface materials (Corian, Hi Macs, Staron, Hanex, Kerrock and others) preheating and shaping, as well an acrylic material and a thermoplastic forming. Vacuum presses of TF series is combined solution which including functions of two separate machines a vacuum press and the preheating oven, greatly increases its functionality.

### Area of application

Thermoforming - 2D and 3D vacuum forming of thermoplastic and acrylic materials. Production of worktops, sinks, shells, bar counters, bathrooms, window sills and elements of the interior.

Woodworking - Veneering and laminating of flat and curved surfaces. Coating of simple profiles of veneer, leather, paper and plastic.

Gluing of 2D curved parts.

### In standard

Work table from 12mm HPL board;

Silicone membrane 2mm thick, 700% elasticity;

Oil free vacuum pump with capacity 40m<sup>3</sup>/h;

System of vacuum control and automatic pump stop;

Two-side preheating oven;

Temperature control with PID regulation;

Heating plate from anodized aluminium;

Pneumatic actuator of upper plate

of heating.

Technical data	TF-160H	TF-300H	TF-350H
Working table size, (l x w) , mm:	1500 x 1500	3000 x 1500	3500 x 1500
Preheating oven size, (l x w), mm:	1000 x 1000	1000 x 2000	1000 x 2500
Preheating oven capacity, kW:	8	16	16
Preheating oven temperature max., C	200	200	200
Pump capacity, kW:	1.25	1.25	1.25
Vacuum pump output , m <sup>3</sup> /h:	40	40	40
Operational vacuum, kg/cm <sup>2</sup> (bar):	- 0,85	- 0,85	- 0,85
Protection level:	IP53	IP53	IP53
Noise level, Db:	<70	<70	<70
Power, V:	3Ph 400V 50Hz	3Ph 400V 50Hz	3Ph 400V 50Hz
Outline dimensions, mm,( l x w x h), mm:	1600x 1650 x 1150	3100x 1650 x 1150	3600x 1650 x 1150
Weight, kg:	480	750	950