

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 40m³/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 ³ /h:	40	40	40
Operational vacuum, kg/cm ² (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