PROFESSIONAL INDUSTRY DIAMOND PTY LTD

GLASS MACHINERY & HANDLING EQUIPMENT SPECIALISTS

FLAT GLASS TEMPERING FURNACE

12 MONTHS WARRANTY

SECTIONS:

A. Loading Section: Rubberized Rollers make up the Inlet conveyor with optical sensor and counters.

B. Heating Section: This section consists of an upper part– CROWN and a lower part – BENCH. Both the Crown and Bench are made of Silicon Aluminium panels completely external, thus working "Cold" without undergoing thermal deformation. This insulating material is the highest quality available insuring sufficient thermal insulation.

C. Furnace Conveyor:The roll conveyor of the furnace is made of ceramic material, which can be easily dis-assembled, The Chain Drive System is driven by a stepless motor, If required the entire roller makeup can reverse its rotation in order to perform glass evacuation through the loading doors. A sensitive protective system will detect anomalies in the transmission and will activate the emergency system override. The roll-houses are also manufactured with the insulating material this ensures insulation even at max capacity

D. Tempering Section: The Tempering Section is manufactured of Steel rollers covered with isolating cloth, there is an Upper and Lower Blower both blowers are mounted on motorized distant regulation systems, and blow pressure measuring devices ensure accurate distance and pressure. There is a ventilation fan equipped with a A.C motor.

E. Cooling Section: The Cooling Section is a rubberized roller system with blowers above and below. There is also a fan ventilation system.

F. Unloading section: Rubberized Rollers make up the Outlet conveyor

Model	Max. (mm)		Thickness (mm)	Power (KW)				Dimension (M)		
	Width	Length		Heat	Blow	Other	Total	L	W	H
PID-F-0815	800	1500	4-19	108	110	12	230	8.0	2.2	2.0
PID-F-1530	1500	3000	4-19	280	250	20	550	12.5	3.0	2.0
PID-F-1836	1800	3660	4-19	450	315	24	789	17.5	3.2	2.2
PID-F-2036	2000	3660	5-19	500	200	25	725	17.5	3.5	2.2
PID-F-2460	2440	6000	5-19	800	450	36	1286	28.0	4.0	2.2

Note: Calculated base on 80% Loading Efficiency and 5mm glass

SPECIFICATIONS

FLAT GLASS TEMPERING FURNACE
Wide Glass Size: Max Glass Size 2440x6000mm
Broad Capability: Float Glass, Printed & Pattern glass
Advanced Heating Methods: Radiation Matrix heating
Intelligent Temperature Control System (optional)
Glass Thickness: 4-19mm
Easy operations: User friendly interface
Convenient Data Storage:Computer-stored glass type
Steady Working: High Quality Components
Full Automatic Process

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