

OT2HF412

High Frequency Welding & Cutting Machine



Pneumatic, fully automatic cycle, two heads, pallet system., mainly suitable for shoe materials.



OT2HF412

The OT2HF412 with its heavy duty press and good RF shielding offer a wide range of advantages over contemporary HF welders:

- Easy adjustment.
- Improved RF shielding to protect the operator from direct radiation by the machine.
- Microprocessor control Provides accurate & repeated process.
- OSHA compliant two-hand safety system. Protection against RFI (Radio frequency Interference) with other instruments that work nearby.
- Improved mechanical safety: The press section and its moving parts are protected with a cover.
- Separate digital controls of: RF on time (0-99sec) RF off time (0-99sec) numbers of on/off cycles (0-99) and forming time (0-10sec).
- Produced parts counter.

ARC SUPPRESSOR.

The electronic arc suppressor circuit is activated automatically when sparks occur and cuts high frequency power immediately.

HIGH PRESS WELDER

Using a specially designed pressure booster that generates high pressure to meets most operating conditions.

EASILY ADJUSTABLE

Output power can be adjusted for different material thickness and size. Using a Microcomputer, the machine optimizes welding time to enhance productivity.

ADJUSTMENT OF THE STROKE DISTANCE OF THE MACHINE HEAD

Adjusting the stroke level of the machine head according to the size and height of the material enables to reduce labor and increase process accuracy.

SAFE OPERATION

The HF radiation is contained in a shielded compartment. This makes the machine



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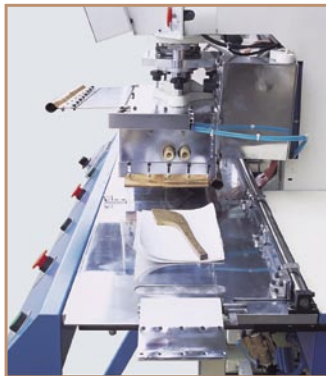
radiation safe for the operator.

The HF machine equipped with a preventive device that protects the machine from interfering with the operation of other nearby machines.

The material can be loaded onto a clamp out of the machine and moved into the operating area under the press. The operator does not have to insert hands into the hazardous hot and radiant environment.

ACCURATE CONTROL

The machine is controlled by a microcomputer: This enables accurate and friendly control of all the parameters used by the embossing process.



HF Output Power	4KW	5KW	6KW	8KW	10-12 KW
Oscillation Frequency	40.68MHz	27.12MHz	27.12MHz	27.12MHz	27.12MHz
Voltage of Power Supply	3 phase - 220V / 380V				
Input Power	6.5KVA	8.5KVA	10KVA	15KVA	15KVA
Oscillation Tube Model	E3062	7T85RB	7T69RB	7T69RB	E3069
Press Strokes	50 mm				
Max presser force@6 ATM	Max 3000 Kg				
Upper Plate	360x200mm				
Bed Plate	400x300mm				
Water cooling provision	yes				
Type of Operation	Manual / Automatic				
Machine Net Weight	500kg				



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