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These Machines are used for medium quantities. With positioning Tools and brass Electrode according to your Products are enough to start Production.

Power is enough to weld large Surface and big Thickness.

Pneumatic Press can be adapted for all production thanks to mechanical adaptations: shuttle tray, sleeveboard, preheating, HF switch, complex tools.....

Descent is safety with low pressure and it is precise with Step by Step moving down.

**Applications :**

- \* Eyelets, Stores, Tents, Curtains, Video Screens.
- \* Inflatable Structures: rubber ring, flexible Tanks...
- \* Wallets, Leather working.
- \* Technical products: Jacks, Joins....
- \* Tarpaulins

Power depends of material, thickness, welding surface, welding form, timing: Generally : 30 to 50 wHF / cm<sup>2</sup>.

Sizes of electrods :

- 3000VA ==> 12\*500                    6000VA ==> 15\*600
- 10000VA ==> 20\*700                16000VA ==> 25\*900
- 20000VA ==> 30\*1000               24000VA ==> 30\*1200

Please, send us your drawing or samples in order to test the welding of your products.



Sheet Welding with Sleeveboard under-electrode and Cylinder as mechanical Support



**All applications according to your Products on Request**



Commands and Settings Panel

# H.F. Welding Machines

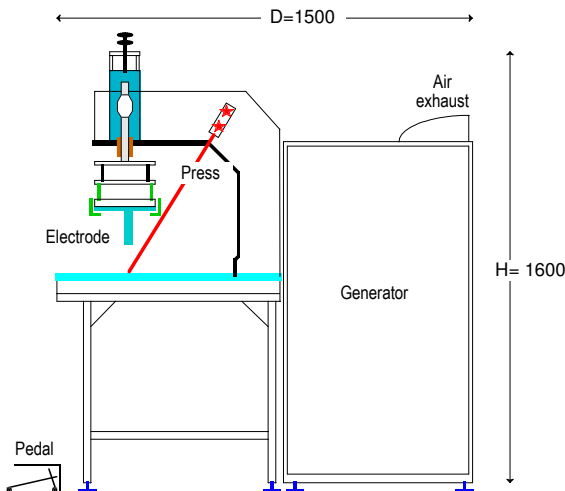
## Pneumatic Cylinder

Standard Press for tarpaulins

The "Q" factor of generator is so good that you can weld electrode Lengths 100mm up to 700mm without changing Settings. Generator and Anode Current follow automatically the charge without changing Variable Capacitor neither Frequency

\* The welding is always good whatever the difficulty : fold, thickness, material, temperature.....

\* You save 50% on workforce because it is useless to adjust Settings each time you change electrodes or products.



References	Electrical Power VA	Output Power wHF	Swan Neck mm	Table Sizes W * D cm	Sizes H * W * D cm	Weight kg
67303-3000 P	3000	1500	250	70 * 50	160*70*150	250
67303-6000 P	6000	3000	300	70 * 43	160*70*160	300
67303-10000 P	12000	6000	375	80 * 50	180*80*180	550
<b>67303-16000 P</b>	16000	8000	400	90 * 65	180*80*180	700
67303-24000 P	20000	12000	450	100 * 70	200*100*200	1000

**Mechanical Specifications:**

- \* Pneumatic Press ; D 100 .. 160 mm
- \* Compressed Air = 8 bar Maxi
- \* Move Down: Step by Step & Low Pressure
- \* Vertical Stroke = 150 mm & Mechanical stop

- \* Welding Surface (depends of materials) = 50 ; 100 ; 170 ; 270 ; 400 cm<sup>2</sup>
- \* Electrode on parallelism plate
- \* Electrode on Slideways => quick change

\* Table with positioning accessories

**Electrical Specifications:**

- \* Net supply Filters
- \* Anode Transfo: 4 grades of power, with rotorator switch. 2 times Soft Start.
- \* Frequency = 27 MHz stabilized
- \* Triode = TB4 ; ITL3 ; ITL5
- \* Antiflash with Grid blocking

- \* Automaton Siemens LOGO with Display
- \* Switch "on - HF - off" for maintenance
- \* Emergency Stop
- \* Synchronised bimanual commands

**General Options:**

- \* Servomotor on CV with manual command
- \* Servomotor on CV with precise command
- \* **Antiflash Ultrafast & Safety**
- \* Cooling timer
- \* Laser sighting
- \* Double Panel Command
- \* Foot switch
- \* Preheating electrode

**Power control Options with automaton and servo-motor on CV:**

- \* Program for Anode Current Control
- \* Automatic settings (50 products): CV position, Welding timing, Cooling timing ....
- \* Tactil display and program for production: ON/OFF record, productivity ...

