

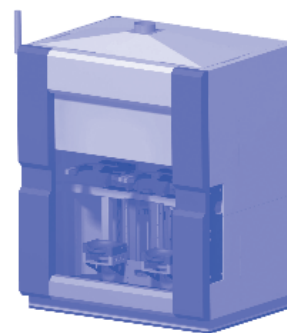
COMPOSITE HPW/**one**



Aumatech[®]

Hot plate welding machine for composite containers type IV (CPV) production line. Boss part welding onto liner in HDPE/PA6 materials, delivering top sealing performance even at highest pressure. Three versions to cover different manufacturing capacity and processing component size. Smart designing: low consumption, low maintenance, high precision, it carries process control functionalities to guarantee quality works.

Perspective view

**FEATURES**

		BASIC	PERFORMANCE	LARGE VOLUME*
Power supply	V	400Vac 3Ph + N + PE	400Vac 3Ph + N + PE	400Vac 3Ph + N + PE
Frequency	Hz	50	50	50
Air pressure	bar	6	6	6
Power	kV	3	5	5
Noise Level	dB	<80	<80	<80
Overall dimension	mm	1000 x 1600 x 2700	2100 x 1600 x 2700	to be defined
Weight	Kg	1000	1500	to be defined
Processable plastics		HDPE/PA6		
Manufacturing capacity	pcs/h	60	120 - 150	to be defined
Liner diameter	mm	250 - 350	250 - 350	to be defined
Liner lenght	mm	200 - 900	200 - 900	to be defined
Volume capacity	lt.	from 12,5 to 50	from 12,5 to 50	to be defined
Boss part	mm	diam. 80	diam. 80	up to 250
PLC control		Siemens S7	Siemens S7	Siemens S7
Operator Panel - HMI		wi-fi touch 10"	wi-fi touch 10"	wi-fi touch 10"

*under customer specification

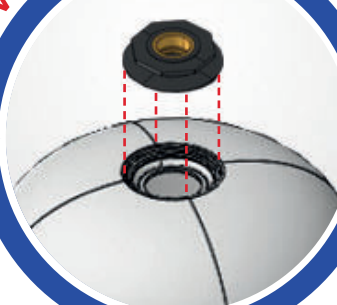
ROBOT OR MANUAL LOADING



EASY TO USE



LINER WITH BOSS PART



3-S APPROACH

STURDINESS

Designed and manufactured to last over time.

SAFETY

Designed complying with latest ISO standards.

SAVING

Reduced OPEX thanks to low energy consumption and low maintenance.



QUALITY ABOVE ALL

Our machine quality is based on two pillars: lean designing (no useless sophistication) and workability oversizing (to ensure sturdiness and durability over time).

COST EFFECTIVENESS



The best deal in terms of quality/price and performance ratio is achieved by vertical integration, commercial philosophy, energy saving and machine's long service life.



WORLD CLASS COMPONENTS

Our machines carry only high-quality components from renowned brands, easily available internationally, to ensure safety and reliability.

ENERGY EFFICIENCY



Machine designing complies with ISO50001 thus enabling energy consumption reduction and exhaust materials disposal.



SAFETY

User's safety is ensured by the compliance with EU standards 2006/42, both in designing and manufacturing phases.

FULL PROCESS CONTROL



In order to ensure traceability and working accuracy, all relevant processing parameters such as force, temperature etc are monitored.



CUSTOMIZABLE

Thanks to Aumatech's experience, both customization and special machines' turnkey manufacturing are possible, as well as integration in existing production lines.

I 4.0 READY



Machine designing complies with I 4.0 standards, therefore it is certifiable. All main diagnostic and production parameters can be monitored remotely through client's IOT platform.

Aumatech[®]

HEADQUARTER

Zona Industriale
66050 San Salvo (CH) -Italy
Tel: +39 0873 341256
aumatech@aumatech.it
www.aumatech.it