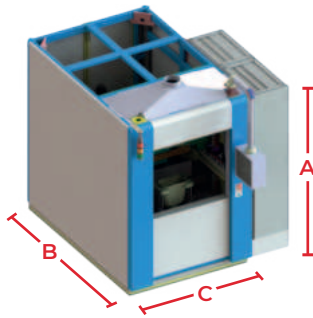


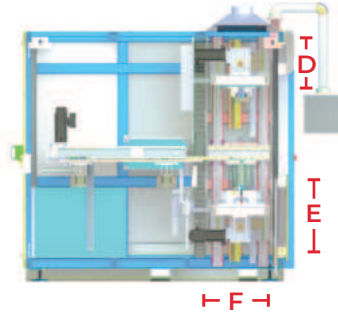
PLASTIC WELDING MACHINES/*two*



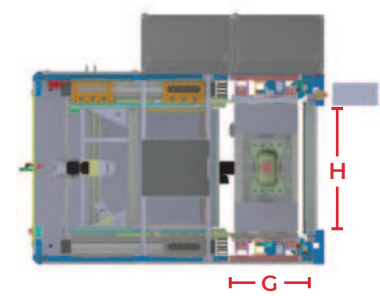
Front view



Side view



Top view



FEATURES

		10-5 HPW/two	14-6 HPW/two	20-8 HPW/two
Power supply	V	400V 3Ph + N + PE	400V 3Ph + N + PE	400V 3Ph + N + PE
Frequency	Hz	50	50	50
Air pressure	bar	6	6	6
Power	kV	15	20	30
Noise Level	dB	<80	<80	<80
Overall dimension	A B C mm	2630x2600x2200	2630x2600x2600	2630x2600x2960
Weight	Kg	2800	3200	4200
UMP - Upper Movable Plate	LxP mm	1060 x 600	1460 x 760	2060 x 860
UMP - Upper Movable Plate stroke	D mm	600	600	600
LMP - Lower Movable Plate	LxP mm	1060 x 600	1460 x 760	2060 x 860
LMP - Lower Movable Plate stroke	E mm	600	600	600
HM - Hot Mirror	H G mm	1060 x 500	1400 x 600	2000 x 800
HM - Hot Mirror stroke	F mm	800	800	800
Heating zones	n	4	8	14
HM - Hot Mirror - surface treatment		Teflon	Teflon	Teflon
HM - Hot Mirror - Connection		Quick connection electric-pneumatic	Quick connection electric-pneumatic	Quick connection electric-pneumatic
HM - Hot Mirror - Change over		Quick campling system	Quick campling system	Quick campling system
PLC Control		Siemens S7-1513 F-1 PN**	Siemens S7-1513 F-1 PN**	Siemens S7-1513 F-1 PN**
Operator Panel - HMI		Siemens Touch Panel 9" Color**	Siemens Touch Panel 9" Color**	Siemens Touch Panel 9" Color**

OPTIONAL

		FEATURES	FEATURES	FEATURES
USB Plug for data downloading		Included	Included	Included
Operator Panel - HMI adjustable arm		Option	Option	Option
Communication Type Ethernet - Profinet		Included	Included	Included
Industrial Modem for remote service Ewon		Option	Option	Option
Vacuum on UMP - Upper movable plate		Option	Option	Option
Vacuum on LMP - Lowe movable plate		Option	Option	Option
External air exhaust and filtering		Option	Option	Option
Suction Hood for welding fumes		Included	Included	Included
UPS Power Backup		Option	Option	Option
Voltage stabilizer		Option	Option	Option

10-5 HPW/two

The size is suitable for welding smaller components. Suitable for welding components for engine air ducts, cockpit, engine water cooling tank, etc.

14-6 HPW/two

The size is for welding medium-large components such as upper and lower shell for Ad Blue tank, heat exchanger's water tank for dishwater, etc.

20-8 HPW/two

This size is for welding large dimensions components with the same precision and quality as smaller sizes. Suitable for components such as bumpers, cockpit ventilation ducts, dashbord, etc.

4-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.

SERVICE

Full range of lifelong maintenance services.



QUALITY ABOVE ALL

Our machines quality is based on three pillars: lean designing (no unuseful sophistication), correct sizing of components and mechanical parts and full electric concept (increased precision at work).

FULL ELECTRIC

Compared to traditional hydraulic systems, the full electric ones perform less maintenance, lower energy and spare parts consumption, higher positioning precision and therefore welding accuracy.



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 standards, enabling lower energy consumption by adopting multiple energy saving drivers.



USER FRIENDLY

User's interface is given by modern 9" colors touch screen easy to deal with. Starting with standard version, it is possible to create, store and download manufacturing data and recepies.

LOW MAINTENANCE

Overall sturdiness, correct sizing of mechanical parts and world class components together bring to reduced maintenance needs and extended service life.



CUSTOMIZABLE

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

INFRARED INSPECTION

Hot-plate and infrared models can be equipped with thermographic inspection system Aumatech Scan. It enables a full inspection of heated surfaces on single item as well as hot plate before performing welding operation.



I 4.0 READY

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

MULTIPLE WELDING TECHNOLOGY

Further than hot plate technology, the machine can be implemented with the requested welding technology among vibration, ultrasonic, infrared or laser.



ENERGY SAVING DRIVERS

- bi-component hot plate
- insulated resting shelter
- multiple heating zones
- cabinet climate control

STURDINESS



HMI



WORLD CLASS COMPONENTS



HOT PLATE INSULATION



HEADQUARTER

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