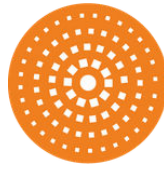


HS12/08 S & D

Compact in-line vapour-phase brazing system for mass production



PYROX

DIVISION ELECTRONIQUE

IBL

+ TECHNICAL

Optimal soldering quality.

+ FINANCIAL

The most cost-effective solution on the market.

+ ENVIRONMENTALLY FRIENDLY

Low energy consumption



General information

- Designed for continuous production operation 24 hours a day, 7 days a week
- Fully automatic in-line brazing
- Operates without oxygen and without the need for nitrogen
- Low energy consumption of 5 to 8 kWh during production
- Available in single-lane (HS12/08-S) or dual-lane (HS12/08-D) versions
- Modular design with separate loading, process and unloading zones
- Optimised architecture to simplify maintenance operations



Specific features

- HS12/08-S: designed for mass production on a single conveyor line
- HS12/08-D: two conveyor lines arranged in parallel
- Steam energy control process regulation (AVR) enabling advanced profiles to be achieved with ease
- Process monitoring via integrated thermocouples or an external measuring probe
- Siemens open controller with integrated industrial PC
- 21.5-inch HMI touch screen
- Ethernet/LAN port with TCP/IP network protocol



Technical specifications

- HS12/08-S: maximum product dimensions 1,200 × 795 × 80 mm
- HS12/08-D: maximum product dimensions 1,200 × 670 × 80 mm per lane
- HS12/08-D: maximum product dimensions 1,200 × 360 × 80 mm in dual-lane mode
- Closed process chamber with Galden recovery system
- Automatic Galden monitoring and filtration
- Separate cooling zone with high-performance under-chamber cooling
- Modern control system with production data acquisition and management



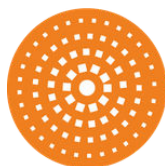
Together, let's innovate to reinvent
today's materials and discover
tomorrow's

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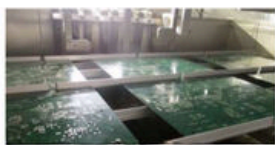
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Options

- Traceability extensions (Hermes interface)
- Rapid cooling system for the brazing area
- Uninterruptible power supply (UPS)
- Self-contained air/water cooling unit



Model	Type	Longueur	Depth	Height	Weight	Max. product format (LxBxH) for one lane	Max. product format (LxBxH) for two lanes	Max. product weight per cycle	Min medium (fluid) quantity	Water supply	Ø energy consumption (Standby)	Fusible principal	Power supply
HS12/08-S	Single lane	14.76 ft	6.24 ft	5.78 ft	5070.6 lbs	47.24x31.3x 3.15 ft*	N/A	55.12 lbs	198.42 lbs	36 – 72 psi 1.59 US liq.gal/min	8,0 kWh (4,0 kWh)	25A Type „gl“ or „C“	230/400 VAC, 3 Phase, 50/60Hz 12kW
HS12/08-D	Dual lane	14.76 ft	6.24 ft	5.78 ft	5070.6 lbs	47.24x26.4x 3.15 *	47.24x14.17x 3.15*	55.12 lbs	198.42 lbs	36 – 72 psi 1.59 US liq.gal/min	8,0 kWh (4,0 kWh)	25A Type „gl“ or „C“	230/400 VAC, 3 Phase, 50/60Hz 12kW

*subject to technical changes



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