



OMISA

HST 300 Print 450

The 300 line of welding units represents a product platform of more than 40,000 units sold around the world, which combine compact dimensions with the highest performance. Even electrofusion fittings with a diameter of over 2000 mm don't mean any issues for this product line.

The **OMISA** HST 300 Print 450 is the most recent member of the 300 line. The new model version, too, makes a difference by its professional welding control characteristics and data traceability management, incl. PDF data transfer, for an operating range inclusive of fittings of up to 450 mm of diameter.

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SMART PLASTIC WELDING

The OMISA HST 300 Print 450 characteristics

Automatic data logging	5,000 reports	Miscellaneous	Memory backup, switch of units °F/°C, buzzer volume setpoint, and welder ID management configuration
Welding range	up to 450 mm	Languages	DE, EN, FR, PL, TR, RU, BG, IT, RO, SP, PT others upon request
Data input	Bar code scanner, manual input of numeric fitting code or welding voltage and welding time	Standards, Approvals, Quality, Ingress protection	CE, DVS, RAEE-compliant, ISO 9001:2015, RoHS compliant, IP64 (closed)
Welding monitoring system	Welding voltage, resistance, welding current, established contact, short circuit, ambient temperature, input frequency, input voltage, memory control, unit temperature, maintenance interval	Output voltage	8 - 48 V
System self-monitoring	System check, computerized maintenance management, incl. recording	Output current	max. 80 A
Traceability pursuant to ISO 12176	Commission number 32 alphanumeric characters, ISO-compliant welder ID code, maintenance company info, 2 nd fitting code, additional data 1 & 2 20 and 15 alphanumeric characters, inventory number	Input voltage	180 V - 280 V (230 V), 110 V/48 V optional
Data output with menu	USB interface (USB A) for data download as an abstract or extended report in the PDF format to a USB stick; also download in the DataWork format; with comprehensive selection menu offering date, commission number or range of reports selection, and download of all reports	Input frequency	40 - 70 Hz
Display screen	Robust high-resolution and temperature range-extended screen with character size 5 mm	Rated power	AC 16 A
		Temperature range	-20°C to +60°C
		Power cord	5 m with EUR-plug
		Welding cable	4 m with 4.7 mm connection terminals
		Adapter	4.0 mm in adapter bag (further adapters optional)
		Weight	16 kg incl. transport case and welding cable
		Dimensions	W236 x H295 x D330 mm
		Manufacturer warranty	12 months

Part numbers for HST 300 Print 450 with accessories

Description	P/N
HST 300 Print 450 with accessories. User's Manual, Adapters 4.0 mm in adapter bag (optionally other adapters), Operator code card, Wooden transport box (optionally aluminum box)	HST300P450

Subject to technical changes.

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You want to learn more about us?

Feel free to ask for a meeting on our premises. Detailed information on the company and on our product range is also available on-line at www.omisa.it



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