



# OMISA HST 300 Smart

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 Smart 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 160 mm of diameter.

The OMISA HST 300 Smart characteristics

<b>Part number</b>	<b>HST300S</b>
<b>Automatic data logging</b>	500 reports
<b>Operating range</b>	up to 160 mm
<b>Data input for fitting code</b>	Bar code scanner
<b>Welding monitoring system</b>	Welding voltage, resistance, welding current, established contact, short circuit, ambient temperature, input frequency, input voltage, memory control, system temperature, heater coil error, emergency off, computer-assisted maintenance
<b>Standard-compliant ISO 12176 traceability</b>	Project/commission number 32 alphanumeric characters, ISO-compliant welder ID code, 1st additional (user-defined) data 20 alphanumeric characters, 2nd additional (user-defined) data 15 alphanumeric characters
<b>Data download with output menu</b>	USB interface port (USB A) for data transfer as PDF abstract or extended report to USB stick or to label tag printer, incl. dedicated printing menu; transfer also possible in the OMISA DataWork format; using a powerful download menu to select date range, commission number or report number range, or all reports

<b>Display screen</b>	LED screen 2 lines with 20 alphanumeric characters each, character size 5 mm
<b>Language</b>	DE, EN, FR, BG, CS, ZH, NL, FI, GR, IT, NO, RO, SK, TR, RU, others upon request
<b>Approvals / Quality / Ingress protection</b>	CE, ISO 9001:2015, IP54 (IP64 optional)
<b>Output voltage</b>	8 - 48 V
<b>Output current</b>	max. 65 A
<b>Input voltage</b>	180 V - 280 V (230 V)
<b>Input frequency</b>	40 - 70 Hz
<b>Rated input current</b>	AC 8 A
<b>Temperature range</b>	-20°C to +60°C
<b>Power cord</b>	5 m with Euro plug
<b>Welding cable</b>	3.2 m with 4.0 mm connection terminals
<b>Weight</b>	8.1 kg
<b>Dimensions</b>	W 210 x H 235 x D 225 mm
<b>Manufacturer warranty</b>	12 months
<b>Accessories</b>	Handheld scraper, user's manual DE, EN, FR

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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](http://www.omisa.it)



SMART PLASTIC WELDING

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