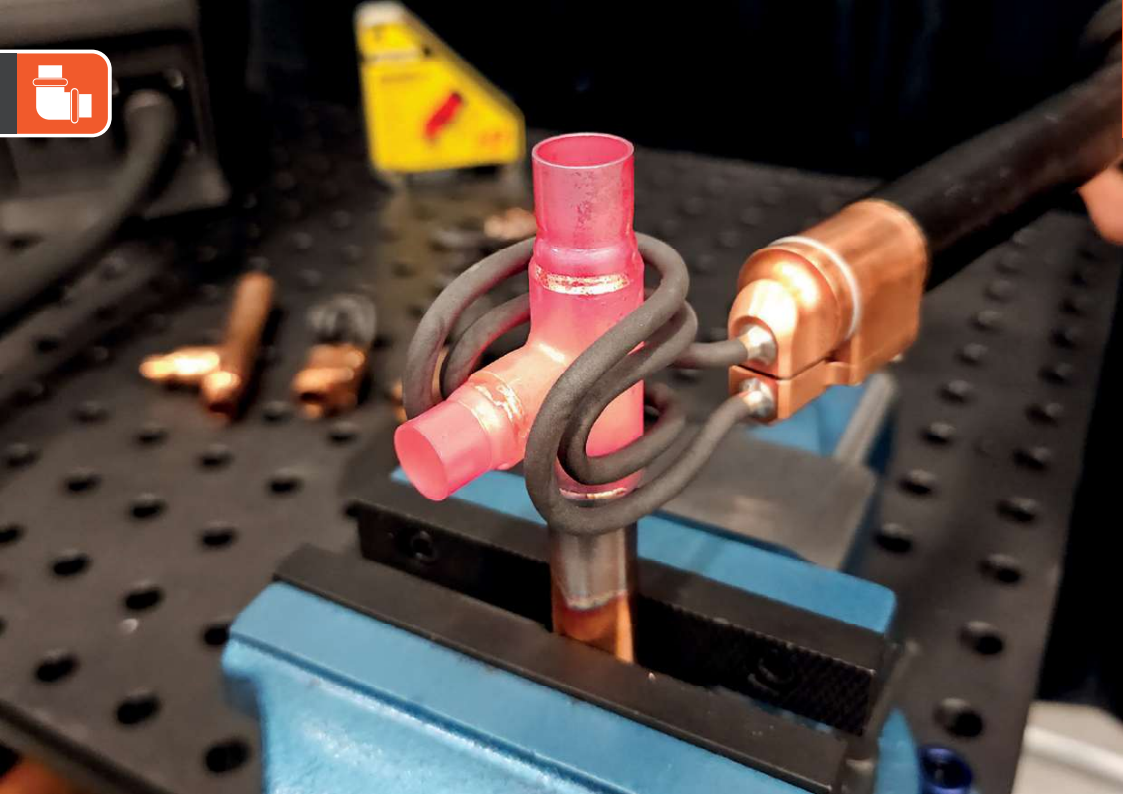




Induction brazing

Brazing genius

The **DHI-48B** induction heater has been specially designed for brazing and soldering. Its higher operating frequency is optimized for these purposes. Thanks to its 230 V power supply and compact dimensions, it is ideal for both production and mobile use directly at the customer's premises.

Precise adjustment of all parameters ensures high repeatability of the soldering process and also allows for use in production sites.

Optimized for heating copper, brass, and aluminum.



Mobile, fast, and safe brazing

Induction brazing is a modern method of joining metal materials by targeted heating to a given temperature at which the brazing material melts, but not the base material. Thanks to its speed, and contactless energy transfer, induction brazing is the ideal solution for industrial applications and demanding workshop work.

Most used inductors for DHI-48B

 ø 12 mm [84-013-01] ø 14 mm [84-013-02] ø 16 mm [84-013-03] Circular 2 threaded	 ø 12 mm [84-017-01] ø 14 mm [84-017-02] ø 16 mm [84-017-03] ø 18 mm [84-017-04] ø 21 mm [84-017-05] ø 24 mm [84-017-06] ø 27 mm [84-018-01] ø 31 mm [84-018-02] „U“ 2 threaded	 ø 12 mm [84-010-01] ø 14 mm [84-010-02] ø 16 mm [84-010-03] ø 18 mm [84-010-04] ø 21 mm [84-011-01] ø 24 mm [84-011-02] Circular 1 threaded
	ø 27 mm [84-011-03] ø 31 mm [84-011-04] ø 35 mm [84-011-05] ø 38 mm [84-011-06] ø 42 mm [84-011-07] ø 45 mm [84-011-08]	

Other accessories

 Note: offer available upon request. Solder, soldering rings	 DHI-4x [09-203-02] Remote control - pedal	 3 l [91-006] 10 l [09-210] Coolant	 Heat-resistant paint for repairing damaged inductor coating. Volume: 40 ml. [09-211-01] Repair kit - paint	 [07-400-01] Trolley for heaters DHI-4
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High mobility

Mobile brazing machine with high performance at standard 230V power supply.



Fast and even heating

Induction allows the required temperature to be reached very quickly and the joint to be heated evenly without affecting the surrounding parts.



Local impact

Heating is focused only on the joint area, without affecting surrounding materials or sensitive components.



Repeatability

Possibility of integration into automatic production sites.

[type]	[V]	[A]	[kW]	[kHz]	[-]	[m]	[m]	[kg]	[mm]
DHI-48B	230	16	3.7	60-150	20	3	2.5	24.3	220×395×500