

PRECISE HEATING FOR AN EFFICIENT WORKSHOP

JOSAM INDUCTION HEATERS





SAFE AND SMART HEATING

INCREASE YOUR WORKSHOP EFFICIENCY

With 30 years of experience of using induction heating for collision repair, general repair and wheel alignment, JOSAM is the obvious supplier for your workshop.

The advantages of induction heating compared with an open flame are manifold. As heat is applied to a limited area with greater precision, the risk of personal injury and unintentional heating of sensitive nearby machine parts is minimized. Using induction heating instead of gas also makes your working environment safer and reduces operating cost as well as time needed for work preparations.

JOSAM induction heaters make your job in the workshop easier, safer and more profitable.



VERSATILE AND POWERFUL

AN INVALUABLE TOOL IN YOUR WORKSHOP

Josam's induction heaters are robust and durable, developed to operate in harsh workshop environments. The compact, yet powerful, machines can be used for a wide range of applications, from light to heavy repair work.

EASY HANDLING

The long reaching hose package and cabling means less need to move the machine. To control the heating process and prevent overheating, induction power can be regulated in five steps with the clear and intuitive control panel. All machines comprise a built-in, closed water cooling system. Just plug it in, and you're ready to go!

JH400

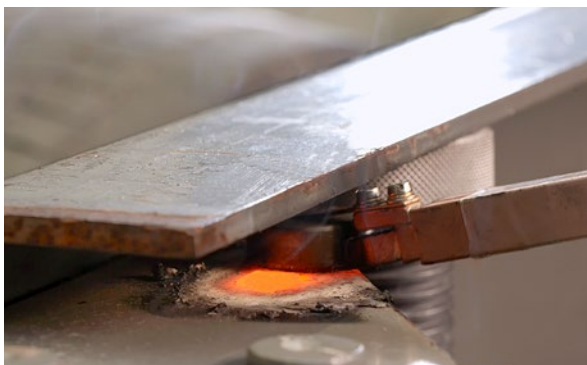
JH400 is used for sheet metal straightening and loosening of small machine parts such as nuts up to M24, pins or clamping rings. The machine is mainly used for general, lighter repair work.

JH1000

JH1000 is convenient for lighter straightening and loosening of larger machine parts, such as nuts and bolts, bushings and bearings. Our mid-range model is adapted for truck and construction machinery workshops. A fan and radiator uses the ambient air to actively cool the machine.

JH1500

JH1500 is designed for heavy duty work that requires plenty of heat, such as straightening of chassis, axles and heavier metal parts. Thanks to the efficient compressor cooling system, the machine is actively cooled for optimal operating time and reliable operation, also in high ambient temperatures.



PRODUCT RANGE



JH400

JH1000

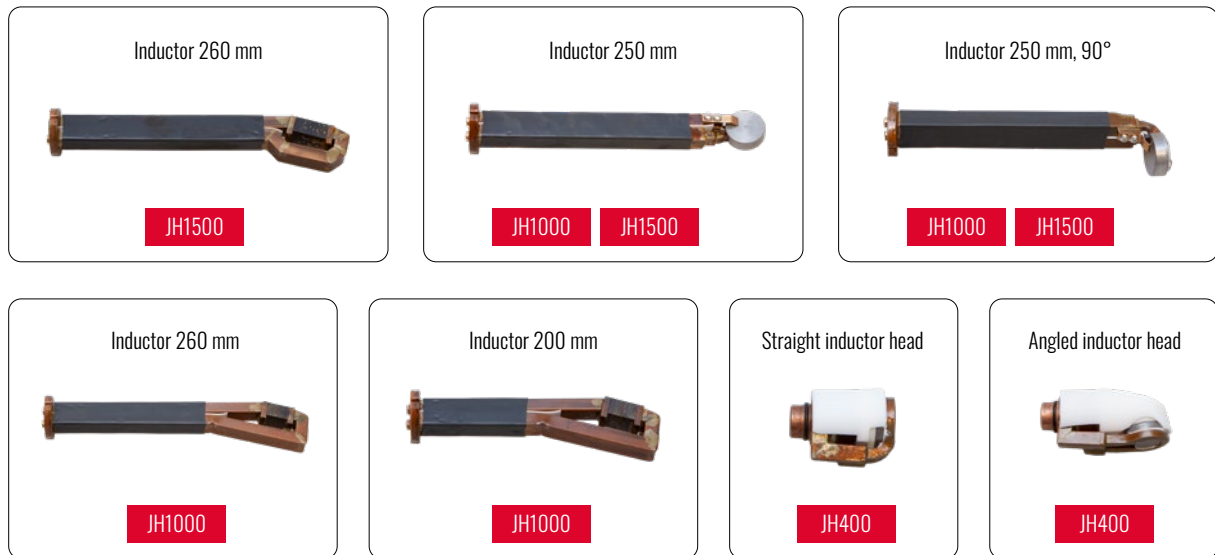
JH1500

	JH400	JH1000	JH1500
Mains supply:	208-240 V, 16 A	380-400 V, 16 A 200-240 V, 32 A	380-400 V, 32 A 200 V, 63 A
Protection class:	IP 21	IP 21	IP 21
Working frequency:	18-40 kHz	14-30 kHz	14-30 kHz
Max. input power:	4 kW	11 kW	15 kW
Max. output power - induction power	3.7 kW	10 kW	13 kW
Output stages	5	5	5
Induction cable:	3 m	6 m	6 m
Mains cable:	4.5 m	9.5 m	7 m
Cooling system:	Water cooled	Water cooled with fan	Water cooled with compressor
Continuous operating time:	20 minutes*	40 minutes*	> 60 minutes*
Weight	54 kg with full tank	105 kg with full tank	175 kg with full tank
Water tank:	20 litres	35 litres	40 litres
Size (L×W×H):	520×360×990 mm	757×557×1166 mm	973×663×1168 mm

*at 20°C ambient temperature at max. power

INDUCTORS

With several models of inductors to choose from, you can customize your induction heater to fit your needs.



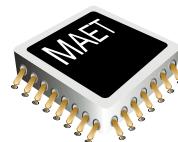
MEET FUTURE ENVIRONMENTAL TARGETS AND ENERGY REQUIREMENTS



Automatic cooling in the induction heaters means that the cooler is only active when needed. In contrast to continuous machine cooling, this makes the work environment quieter and reduces energy consumption.



The technology incorporated in Josam's induction heaters makes them extremely efficient and energy saving. Josam is therefore a truly environmentally friendly choice.



Modular Adaptive Energy Technology is an adaptive process regulator with variable frequency control and extremely fast FPGA (Field Programmable Gate Array) providing operationally safe and energy saving control of the induction heating.

WE STAND BY YOUR SIDE

FROM EDUCATION AND SUPPORT TO PROFITABLE BUSINESS

THE JOSAM ACADEMY – WORLDWIDE TRAINING PROGRAMS

We at Josam are proud of our unique educational program which helps you and your coworkers to get the best out of your investment. We know that the product is never better than the support and training provided.

SUPPORT TO KEEP YOUR BUSINESS RUNNING

In addition to our 2-year warranty on all equipment*, we or our distributors are never far away. If you have questions or need help regarding our equipment, it is our ambition to assist you in the best possible way.

* Warranty does not apply to wear parts



PEOPLE PLANET PROFIT

We love the fact that our products contribute to a more sustainable planet and we hope you will join us. But we don't just do it to be nice. For us – and for you – Josam induction heating also means sustainable and long-term profitability.



REPRESENTATIVE:

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