



JOSAM induction heating

JH1000





Heating of trailer axle for wheel alignment.

JH1000 - high performance and powerful

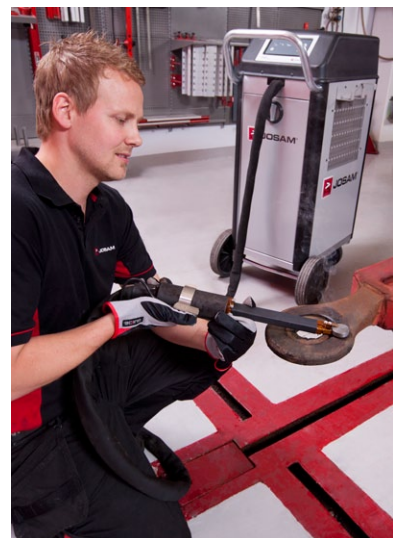
JH1000 is a robust and ergonomically designed induction heater you can move around easily in your workshop thanks to its compact size. The control panel has logical buttons and indicators for easy setting of power output in five stages. It is easy to operate while wearing gloves. Inductor holders and cable holders are mounted on the machine.

The air intake on JH1000 is positioned at the top. This minimizes the risk of dust entering the machine when in use.

With a hose package of 6 meters and a mains cable of 10 meters in length you can achieve an action radius of 16 meters. All this eliminates the need of changing electric outputs to reach different parts of the vehicle.

Naturally, the heater has a earth leakage circuit breaker (ELCB) to ensure personal safety.

Despite its compact format the JH1000 delivers high and regular outputs so the machine can be used for a number of different applications. This includes larger machine parts such as bolts, nuts and bushings, which you can loosen quickly and easily, saving you time and effort in the workshop. JH1000 is adapted for use on trucks, buses, or in construction machinery workshops.



Change of bushing on trailer.

JH1000



Heating is an important part of frame straightening, shown here together with the JOSAM frame press.

Technical data

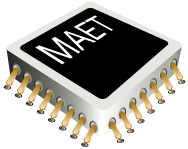


Mains supply:	380-400 V, 3 Ph+PE, 50/60 Hz, 16 A 200 V, 3 Ph+PE, 50/60 Hz, 32 A
Protection class:	IP 21
Working frequency:	14-30 kHz
Output stages:	5
Input power:	11 kW
Output power	
- induction power:	10 kW
Induction cable:	6 m
Cooling system:	Water cooled
Continuous operating time:	40 minutes*
Weight:	105 kg with full tank
Water tank:	35 liters
Size (LxWxH):	757x557x1166 mm

*at 20°C ambient temperature at max. power



Meet future environmental targets and energy requirements



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.

In practice, this means that the machine always adjusts itself to deliver exactly the set output while consuming as little power as possible.

Representative:



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.



The USB connection simplifies servicing and upgrading the software. The platform is future-proof and upgradable thanks to an interface where the software and hardware are built in separate modules.

Manufacturer:



JOSAM®

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