

HIMMELWERK

Induction. Heating. Solutions.



Converters for induction heating

HU 5000+

5 kW 0,25 - 1,0 MHz

Advantages

- High efficiency
- High reliability
- Reproducibility of all parameters
- Selective heating
- Designed for 100% duty cycle
- Easy integration in production processes
- Immediate readiness
- High cost effectiveness
- No need for demineralized cooling water

Flexibility

- Large spectrum of applications
- Free programming
- External heating head with compact design
- Optional second switchable heating head
- Connection with flexible cables
- Interface for external control
- Profibus, Profinet optional
- Other interfaces on request
- Optional connection with pyrometer

Applications

- brazing
- soldering
- hardening
- shrinkage
- pre-heating
- annealing
- smelting
- drying
- tempering
- forging
- sintering
- sealing

Technical data

Output

HF-Power	5,0 kW
Frequency	0,25- 0,55 or 0,55 -1,0 MHz

Input

Mains voltage*	3x400 V +/-10% +N +PE
Frequency	50 / 60 Hz
Mains power	5,3 kVA

Cooling water

Cooling requirement	3-4 l/min.
Input pressure	< 6 bar
Pressure difference	> 3,5 bar
Temperature	18°C – 25 °C

Dimensions (WxHxD) in mm

Converter	350x260x300
External circuit	62x82x115
Weight	Converter: 18 kg Ext. circuit: 2,5 kg

* Other tensions available

