TruHeat MF series 7000 (G2)

The combination makes it unique.

Performance from 60 kW to 240 kW
Frequencies from 0.5 kHz to 200 kHz

- **Ultimate economy for the entire service life**

  High efficiency factor of 91 % and low operating costs

- **Maximum application flexibility for your production process and straightforward load adjustments**

  Large frequency and performance range as well as a variety of output transformers

- **Easy and space-saving integration into every production facility**

  Compact design with small footprint and low weight

- **Increased productivity as a result of ultimate process security**

  Very fast and precise control of the MF output parameters with high resolution

- **Minimal pumping and cooling capacity required**

  Robust and economical cooling concept

- **Highest quality and maximum availability (uptime)**

  Optimized test methods, modular setup for straightforward maintenance and repairs

Further highlights:

Broad operating voltage range	Well suited for application worldwide without technical adaptations
Highly dense housing (IP54) and safety standards at the highest stage	High availability through operating reliability, even under challenging production conditions
Small and freely positionable outer circle, for example for robot applications	Full flexibility due to low space requirements and high mobility at the location of the heating process

TRUMPF

TRUMPF Hüttinger
generating confidence

TruHeat MF series 7000 (G2).

Application possibilities.

The generator is used for demanding inductive heating tasks. An extensive range of applications from traditional processes including hardening, annealing, soldering, smelting, forging etc. to high-tech applications such as crystal growing and epitax processes.

The combination makes it unique. Full flexibility to meet your requirements.

TRUMPF Hüttinger successfully combines the best product features known in the market – from a high efficiency factor in a small installation space over highly modern interfaces to an intelligent cooling concept, among others. The best combination to ensure your success!

TRUMPF Hüttinger – 30 years knowledge and experience of induction heating.

Implementing individual heating solutions requires in-depth knowledge and many years of experience in the field of inductive heating. TRUMPF Hüttinger has both: The induction specialists in our application laboratory provide you with comprehensive advice and consistently find the right solution for every application. We have supported the best process results for decades with our sophisticated inductor designs. In a dedicated department that has specialized in building inductors, our experienced employees implement all customer requirements. With decades of application experience and know-how, we are the ideal partner for developing your specific heating solution – offering you a decisive competitive advantage.

Technical data.

Output power	60 – 240 kW
Output frequency	0.5 – 200 kHz in various levels[1]
Output voltage	300, 600, 750, 900, 1200 V
Mains supply	380 – 480 V ± 10 %[1]
Mains frequency	50 – 60 Hz ± 10 %
Power factor	0.95
Efficiency factor	91 %
Power supply dimensions	800 (W) x 2000 (H) x 800 (D) mm
Outer circle dimensions	140 (W) x 180 (H) x 420 (D) mm
Weight	510 – 700 kg[1]
Water flow rate	32 – 52 l/min[1]
Min. differential pressure	2.5 bar
Max. water pressure	6 bar
Water temperature	5 – 35 °C | ≤ 45 °C with power derating
Interfaces	RS 232/485, Ethernet, Profibus, AD[2], Profinet[2], EtherCAT[3]
Certificates	CE & SEMI F47 Criteria B

[1] depending on output power | [2] optional | [3] on request

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