

M.POT & HEATDOCK

MELT TO GO

HEATELLIGENCE FOR TOMORROW:
Our mobile furnaces avoid additional pouring into a transfer ladle and ensure optimum material and energy efficiency!

- Melting furnace, transport ladle and holding furnace in **one product**
- Flexible melting logistics for **optimum casting quality** and **reduced slag** formation
- **Evaluation and analysis** of energy flows



YOUR THERMAL PROCESS



MELTING & HOLDING



700 – 900 °C

LEADING TECHNOLOGY

MAXIMUM EFFICIENCY

IOT-READY

GERMAN ENGINEERING

PRIORITY ON SUSTAINABILITY



H₂-READY
GREEN ELECTRICITY
ALL GASES

OUR TECHNOLOGY



- **Remote monitoring and control** via promeos[®] Service Agent PROSA
- **IoT-ready**
- Available as **heattwin** for **simultaneous melting and holding** of two heatdocks with waste heat recovery

- **Furnace capacity:** 300-800 kg
- **Melting capacity:** 150-350 kg/h
- **Extensive and precise control and measurement options** thanks to powerful PLC control
- **H2-ready** / Suitable and retrofittable for operation with all **fuel gases** / **electricity**

REDUCED ENERGY COSTS

Up to 60 % savings thanks to efficient, flameless burner technology and elimination of refilling processes.

HIGH PRODUCT QUALITY

Reduction of slag formation by up to 20 % by eliminating the decanting processes.

REDUCED CO₂-EMISSIONS

Thanks to clean combustion, the elimination of decanting processes and automated process control („melting on demand“).

INCREASED PRODUCTIVITY

Optimization of throughput times by increasing the **flexibility of melt supply** and thus **efficient order management!**

OPTIMUM EFFICIENCY WITH HEATWIN

Recycling of the high-temperature waste heat for preheating the charging material when using the double docking station with additional **preheating position.**

[>> LEARN MORE](#)