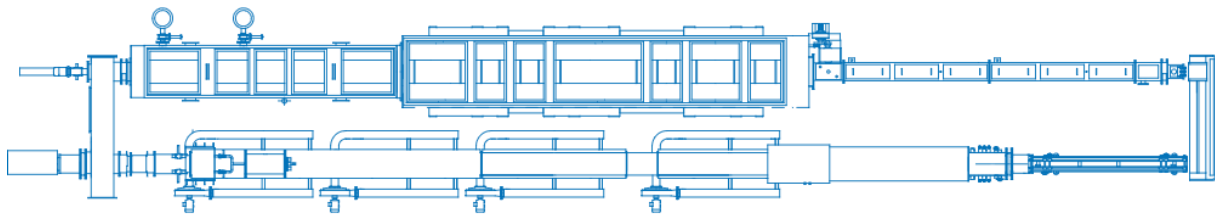


MIM-Master

Since the early 90s, continuous sinter furnaces have been establishing for MIM production, resulting in ever-increasing batch sizes. This goes along with growing batch sizes in production. However, particularly regarding large-scale production, continuous furnaces entail vital advantages opposite to chamber or batch furnaces. For their description, please refer to the respective chapter.

For MIM production, it is important to know that the parts respond very sensitively to vibration during residual debinding and sintering. Therefore, parts or charge boats must be low-vibration carried. In smaller systems, this can be achieved by means of a pusher mechanism. In bigger systems, however, this can only be achieved by means of a walking beam mechanism. Thus, the core component of a MIM Master is a walking beam sinter furnace in combination with continuous debinding.



Specifications

Technical Features	
Effective width:	230×330 mm ² or 330×330 mm ² or 400×400 mm ²
Throughput:	4, 6, 8, 10 and 8 Twin Boats/h oder XL- und XXL-Version
Heating:	Electric
Atmosphere:	Forming gas
Temperatures:	1280 °C, 1350 °C, 1450 °C, 1600 °C

Applications

Debinding and sintering of MIM casted components for the CCC industry, automotive, aerospace, medical, etc.

Additional Equipment Modules

+ Catalytic Debinding	+ HMI-TPC 4.0 (Human Machine Interface, Total Process Control 4.0)
+ Acid vaporization	+ Automation
+ 1600 °C-Option for tungsten-applications	
+ Rapid cooling	

Foto Gallery



Contact:

CREMER Thermoprozessanlagen GmbH

Auf dem Flabig
D-52355 Düren
Germany

Tel.: +49 – 2421 – 968 30 0

Fax.: +49 – 2421 – 6 37 35

info@cremer-ofenbau.de
www.cremer-ofenbau.de