

## CERAMIC METALLIZING FURNACES WORLD CLASS PROCESS CONTROL AND PRODUCTION QUALITY

Over 100 years of furnace building, and 30 years of ceramics experience combined in our ONEJOON pusher furnace makes it the perfect fit for your metallizing ceramics needs.

Our modular pusher furnace design allows for continuous production under stable, uniform temperature and atmosphere conditions satisfying even the highest quality requirements.

### Outstanding Technological Advantages

<b>Temperature</b>	<ul style="list-style-type: none"> <li>Operating Temperatures up to 1600 °C, and more</li> <li>Uniformity of <math>\pm 2</math> °C</li> </ul>
<b>Atmosphere</b>	<ul style="list-style-type: none"> <li>Reducing, up to 100 % Hydrogen</li> <li>Dew Point Control, up to +50 °C(dp)</li> </ul>
<b>Vacuum Double Door Locks</b>	<ul style="list-style-type: none"> <li>Up to 80 % Atmosphere Savings*</li> </ul>
<b>Muffle Design</b>	<ul style="list-style-type: none"> <li>Reduced Process Gas Consumption</li> <li>Best Atmosphere Quality and Control</li> <li>Optimal Temperature Uniformity</li> </ul>
<b>Modular Furnace Design</b>	<ul style="list-style-type: none"> <li>Easy Installation</li> <li>Reduced Start-Up Time</li> <li>Expandable to Meet Your Requirements</li> </ul>

\*compared to Single Door Designs



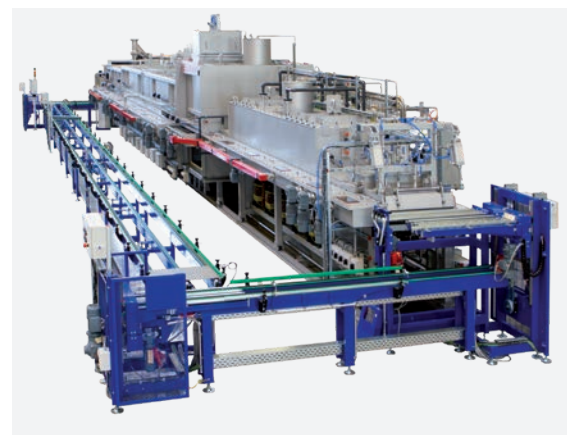
ONEJOON pusher furnace

With our automation systems for the return track and product handling equipment we are the ideal partner for all your production needs.

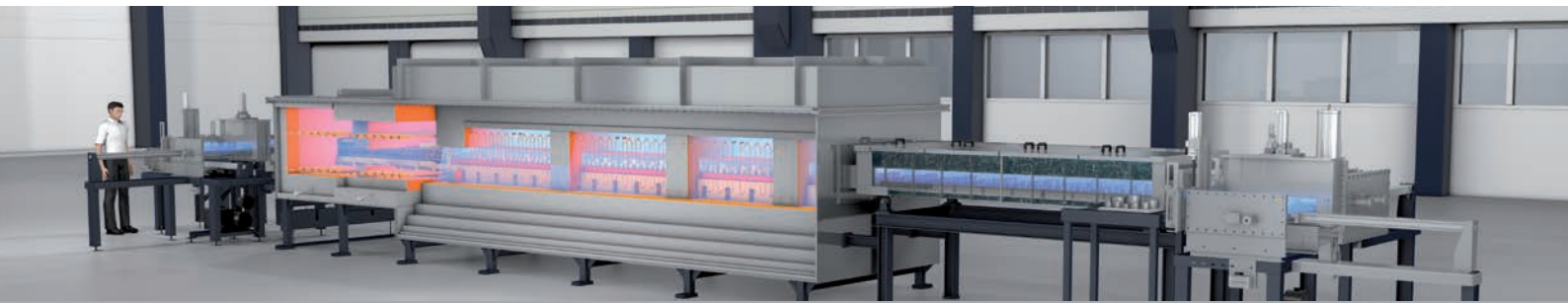
### ONEJOON Automation and Manufacturing Execution System

<b>Conveyors and Part Handling</b>	<ul style="list-style-type: none"> <li>Automated Return Track</li> <li>Integrated Storage and Buffer Solutions</li> <li>Robotic Load and Unload</li> </ul>
<b>Manufacturing Execution System</b>	<ul style="list-style-type: none"> <li>Production Schedule</li> <li>Recipe Management</li> <li>Part Tracking and Quality Data Storage</li> </ul>

Do you require metall sintering or brazing solutions for your product?  
Feel free to inquire.



ONEJOON automated return track

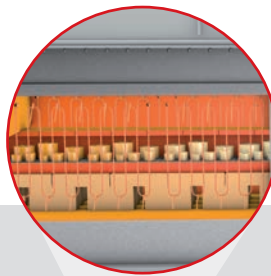


## CERAMIC METALLIZING FURNACES WORLD CLASS PROCESS CONTROL AND PRODUCTION QUALITY

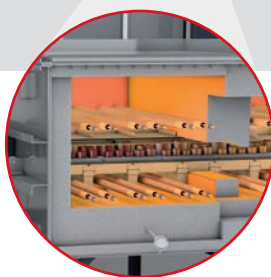
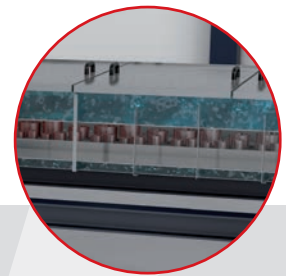
**Entrance  
Door Lock**



**High  
Temperature Zone**



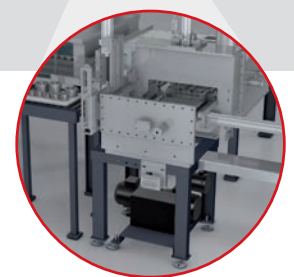
**Active  
Cooling**



**Pre-Heat  
Zone**



**Passiv  
Cooling**



**Exit  
Door Lock**

*ONEJOON's modular pusher furnace*

[www.onejoon.de](http://www.onejoon.de)

ONEJOON GmbH, Leinetal/Auf der Mauer 1, 37120 Bovenden, Phone: +49 551 820 830-0, Fax: +49 551 820 830-50

2020 © ONEJOON GmbH | 04-2020 | 01

All rights reserved. All text, images, photos and graphics are subject to copyright and other intellectual property laws. Content may only be used with the express permission of ONEJOON GmbH. All content, including, without limitation, specifications, descriptions and illustrations, are subject to error and change, in particular with regard to ongoing development of our products in line with technological progress. Changes to content will not be proactively communicated. Technical specifications may vary from country to country.