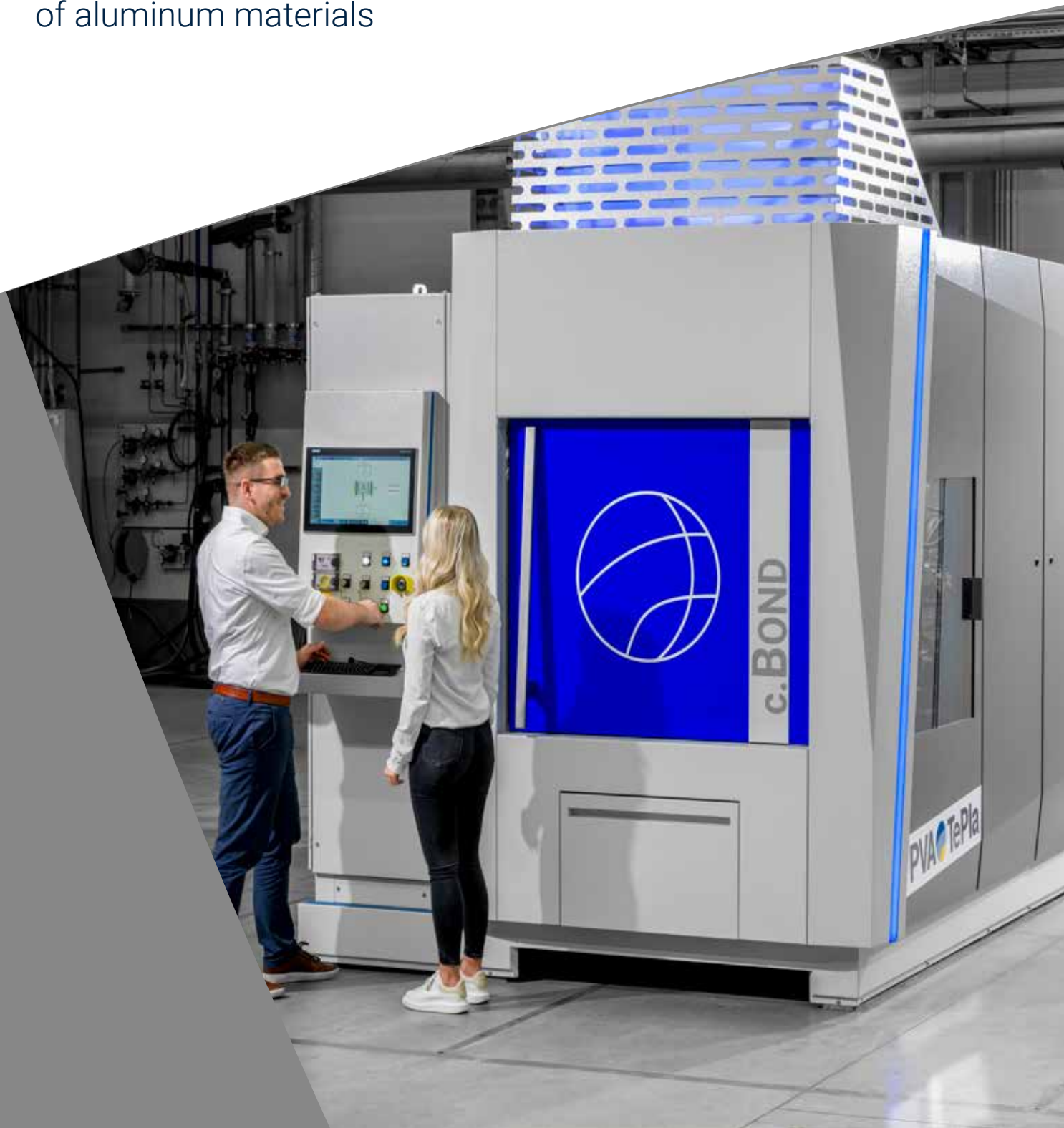


## **c.BOND**

A unique plant concept for the bonding of aluminum materials



## The advantages at a glance



### Unique conductive heating concept

Direct full-surface heat transfer to the charge opens up new application possibilities



### Energy efficient & economical

Up to 40% energy savings and up to 25% time savings during heating compared to a comparable conventional diffusion bonding system



### Customized processes

Optimally adapted and automated process for diffusion welding of aluminum components



### Diffusion bonding under high purity atmospheres

High vacuum pumping station with diffusion pump enables a vacuum better than  $1 \times 10^{-5}$  mbar and provides the conditions for a pure process gas environment



### Plug & Play

Central transfer point for all supply media and plant transport in one piece guarantee fast productivity



### Easy to maintain compact unit

Optimal accessibility enables efficient maintenance of individual modules and plug-in connections ensure short downtimes



### Innovative design

The innovative design of the completely enclosed diffusion bonding system emphasizes the compact construction, gives the system a high-quality appearance, and at the same time allows access to and insight into all relevant system and process data

