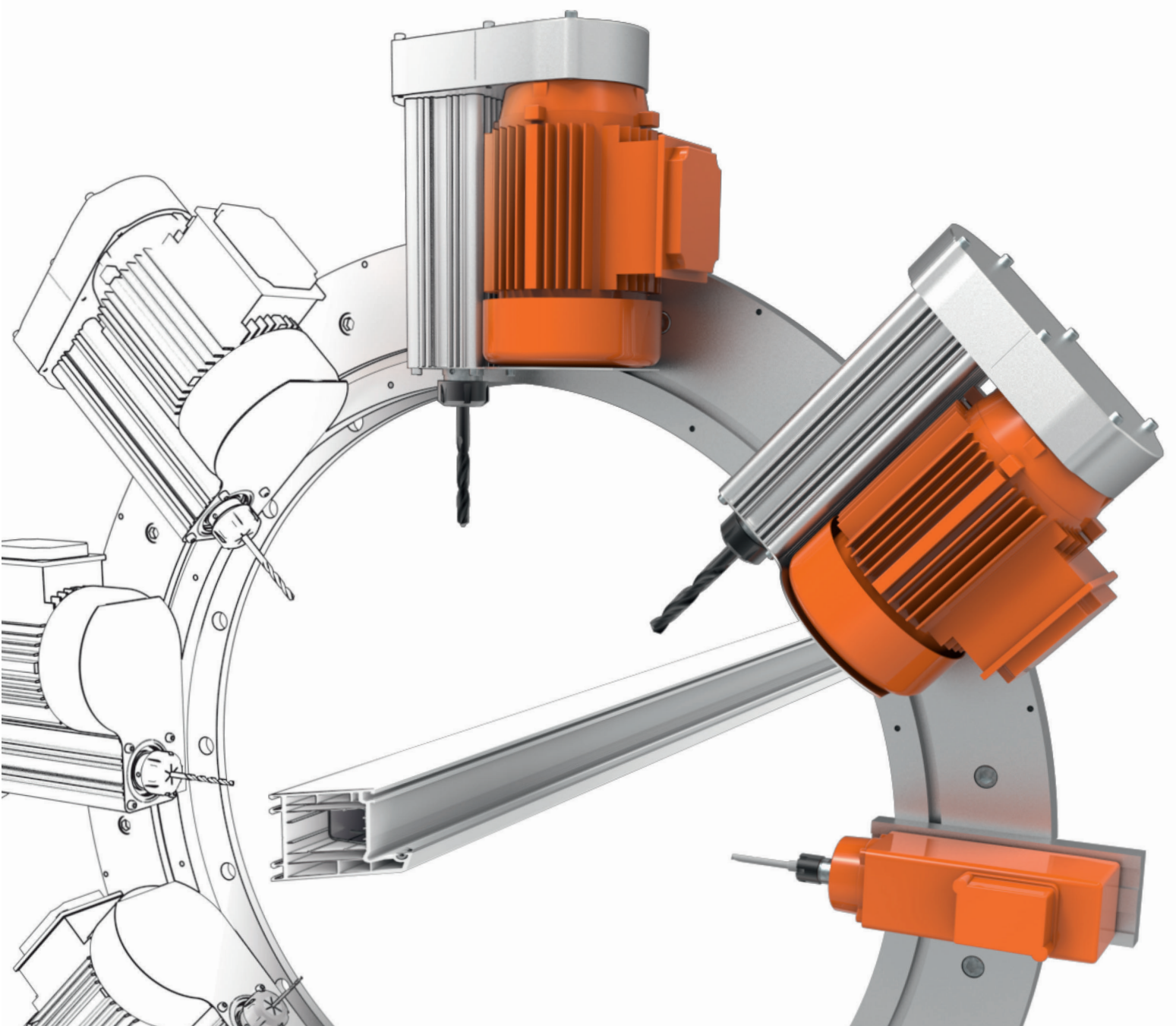


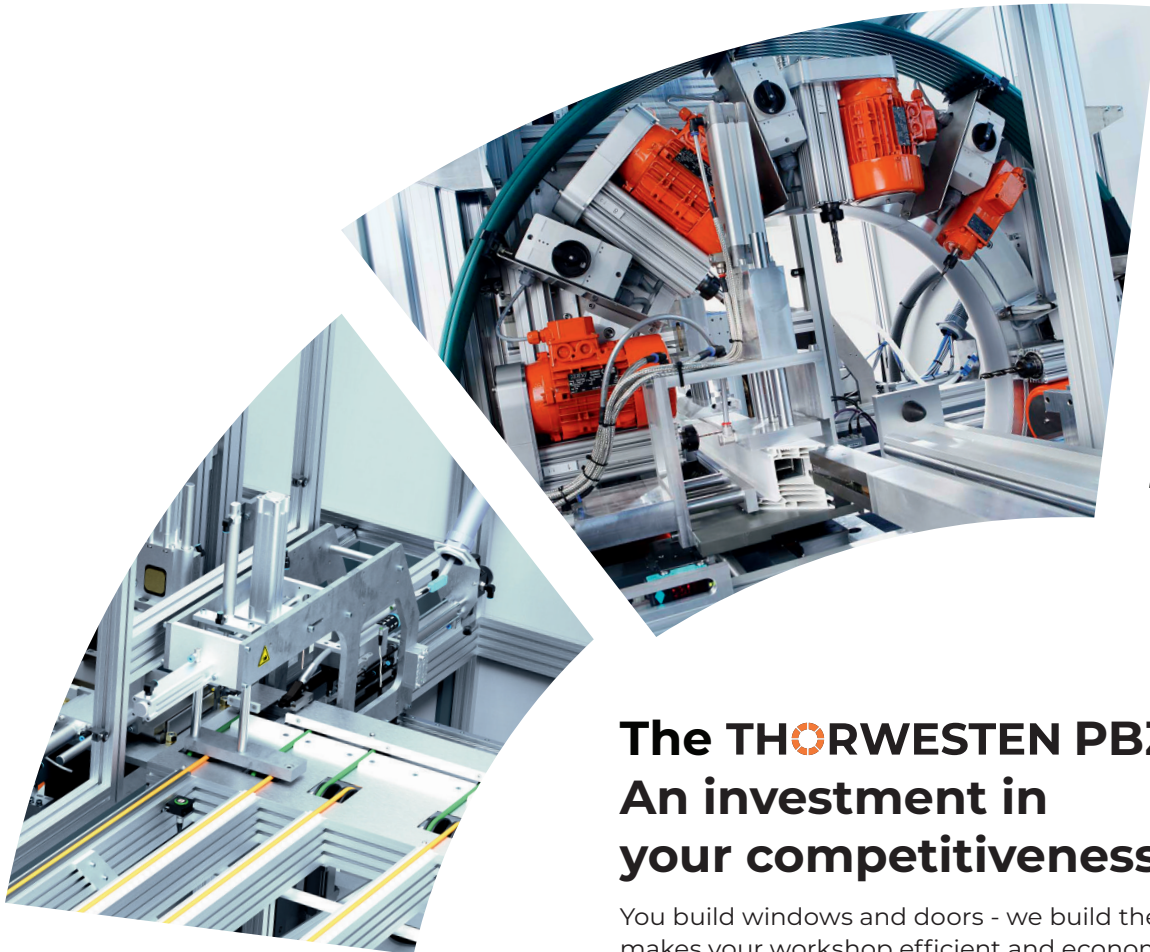
# THE NEW STANDARD

## IN PROFILE PROCESSING



**PBZ** PROFILE PROCESSING  
CENTER

**THORWESTEN**



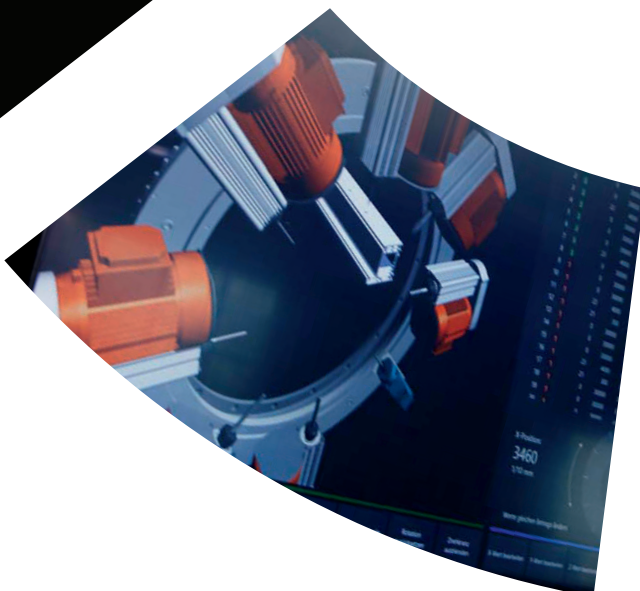
The centerpiece of the system  
**THE TOOL RING**

## The THORWESTEN PBZ An investment in your competitiveness!

You build windows and doors - we build the machine that makes your workshop efficient and economical. Our PBZ profile processing center optimizes your work on profiles. All profile processing steps are milled, drilled and screwed in a single pass.

The centerpiece of the machine is the tool ring, which can be positioned in a freely programmable way so that the scanned profile passes through all work steps precisely and can be completely processed and removed from the downstream buffer. Low space requirements, ease of maintenance, and good accessibility from all sides are just some of the highlights. In productive operation, all that is required is identification of the profile bar via the integrated scanner and confirmation after placement.

Screwing during machining  
**DYNAMIC SCREWDRIVER**



Easy to understand  
**3D SIMULATION**

ALL-ROUND GENIUS FOR YOUR PROFILES

# PROFILE PROCESSING CENTER

## Technical details

Thanks to many years of experience, we are constantly developing new time and cost-saving details - so you can process window and front door profiles using the latest technology.



### DESIGN

- Low space requirement
- Clear arrangement of all components
- All-round accessibility allows quick tool changes and easy maintenance and servicing
- Suitable for processing all standard profile cross-sections and profile lengths
- Our application engineers can program new profiles or profile systems on request and install them via remote maintenance
- We are always there for you via the integrated remote maintenance software
- Hardware and software from a single source



### CONTROL UNIT

- Simple menu control
- Plain text operation in your language
- 3D simulation of machining operations and drilling patterns
- Error diagnosis with a graphical detailed display
- Precise execution of machining operations thanks to scanner-controlled profile recognition
- Machining operations and drilling patterns are stored in the machine control system
- Fixed maintenance intervals



### RESULT

- Customized solutions, advice and planning
- Proven ease of use
- High performance in a small space with high flexibility
- Fast and precise processing of your window and front door profiles
- Optimized material consumption thanks to error-free production
- An investment that pays off for your company
- Our many years of experience is your advantage





## We understand your business ...

Fast, precise and efficient. That is what the market expects from you. It is a good thing that we have already planned this into our PBZ profile machining center in advance.

- Low maintenance and quick changeover
- Individually programmable for your end products
- User-friendly thanks to easy-to-understand menus
- The stable design ensures the necessary precision
- All relevant control components are clearly arranged, allowing the operator to concentrate on the essentials
- An investment that pays off for your business

**Do you have any questions  
about the design, the function or  
the operation of the new PBZ?  
Please feel free to contact us!**

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