

**BUMA**  
*engineering*

» Innovation  
leads us! «



# *A word with you.*

BUMA is your partner for plant engineering and construction. At our corporate seat in Linz, Austria, we have been focusing on innovative solutions for best customer benefits since 1995.

## **Dynamics**

Your requirement determines our offer. We will perform small engineering orders for you in flexible teams, up to the delivery of large turn-key systems. Tried-and-tested and reliable partners complete our options. Consulting by experienced employees as well as comprehensive subsequent support for the projects are, of course, part of our service.

## **Experience**

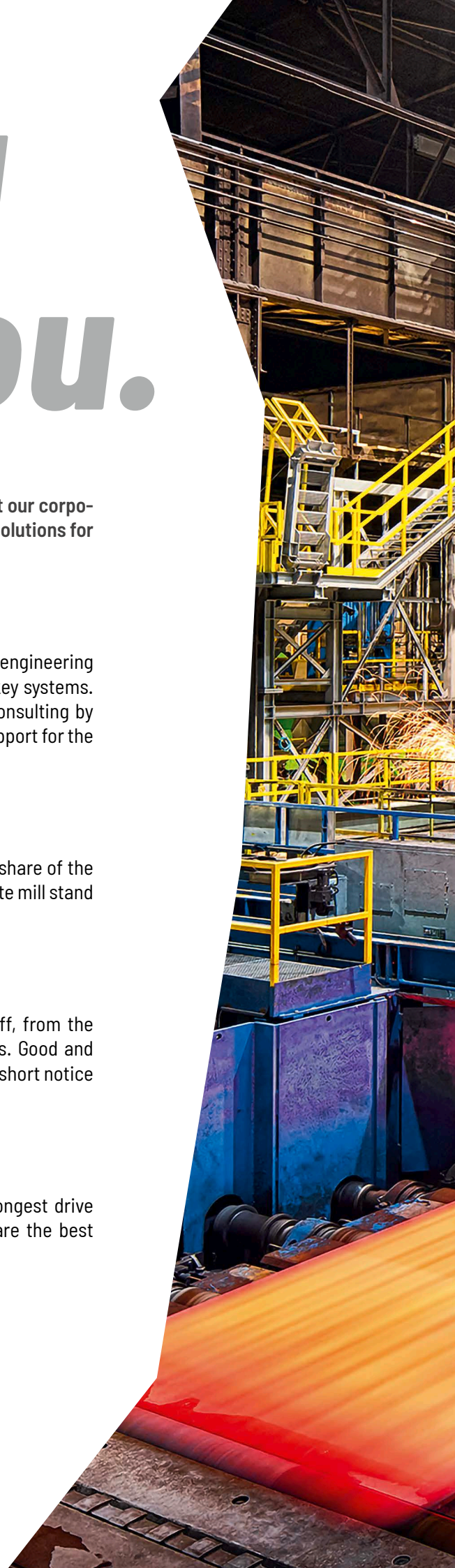
Implementation of many projects has enabled us to map a great share of the hot and cold rolling process. The complete replacement of the plate mill stand of voestalpine was implemented in record time.

## **Interaction**

For our technicians, close cooperation with the customer's staff, from the department manager to the operator, is among their daily tasks. Good and direct communication enables us to react to customer wishes on short notice and to prevent complications.

## **Innovation**

New developments such as a friction welding machine, the strongest drive train for rolling mills in the world and a cold rolling simulator are the best examples of our innovative power.





**Highly innovative  
solutions**



**Robust industrial design**



**Flexible project size from  
5 to 50.000 hours**



**Various cooperation  
options**



**Customer-  
specific design**



**Guaranteed  
know-how protection**



**Hot-levelling machine**  
voestalpine Grobblech GmbH



**ANDRITZ**  
Metals



**AMAG**  
AUSTRIA METALL



**BROCKHAUS**  
STAHL

**Buderus** | Edelstahl



**OVAKO**



**SSAB**



**voestalpine**  
ONE STEP AHEAD.

**VOITH**

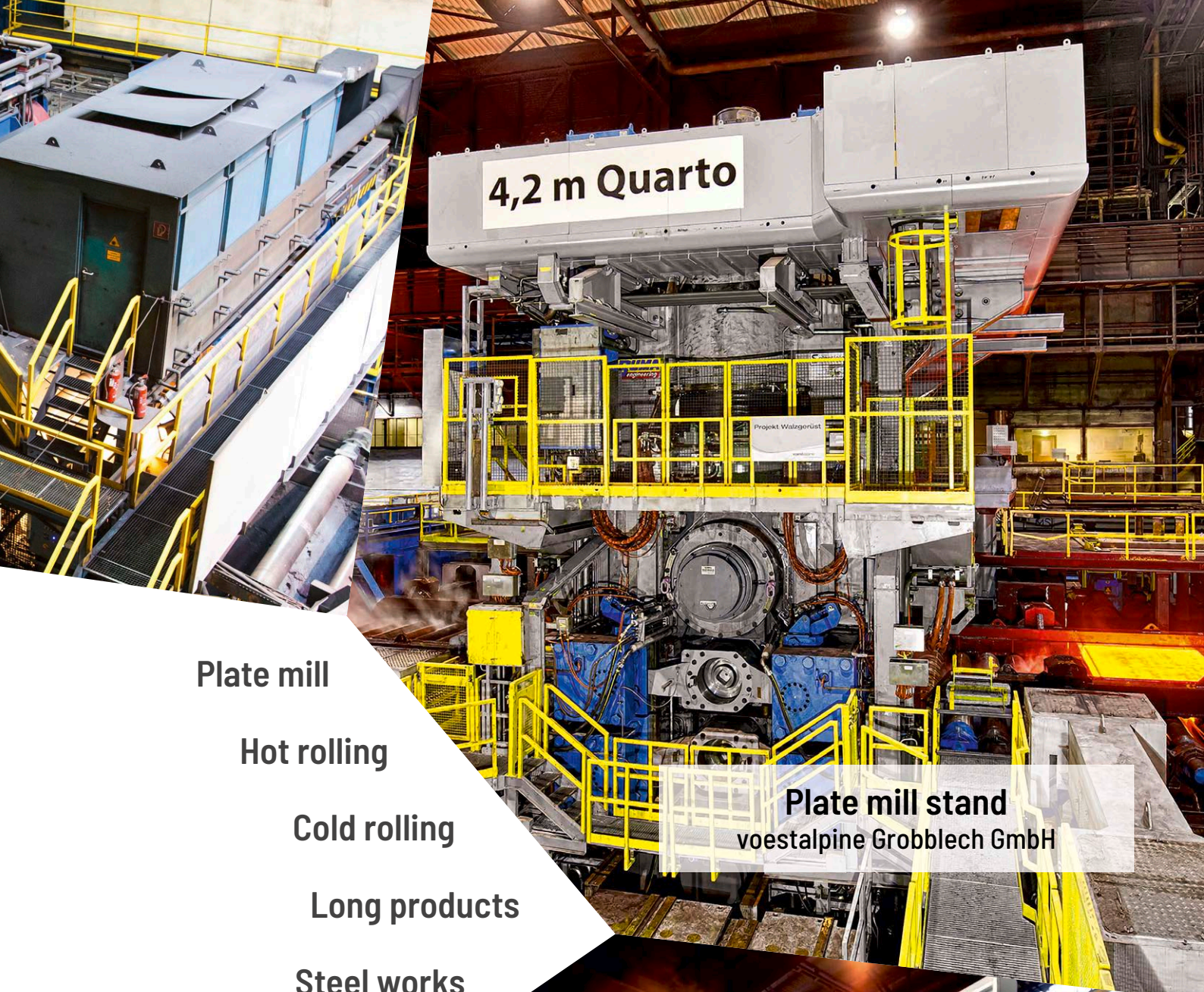


This selection of reference projects reflects the bandwidth of our work. Many different customers trust in the quality of our systems.



**Finishing train of the hot strip mill**  
voestalpine Stahl GmbH





**Plate mill**

**Hot rolling**

**Cold rolling**

**Long products**

**Steel works**

**Special equipment**

**Plate mill stand**  
voestalpine Grobblech GmbH



**Revamp DU0 stand**  
Böhler Bleche GmbH



## Engineering

This is where our roots and our core business are, from layouts to basic to finished detail engineering. You can rely on our team's experience in building plants efficiently and progressively.

## Media

As an integral part of nearly any industrial facility, the design, P&I charts and 3D-piping schematics of the media facilities are performed by our trained employees and will be directly included during development of the machine.

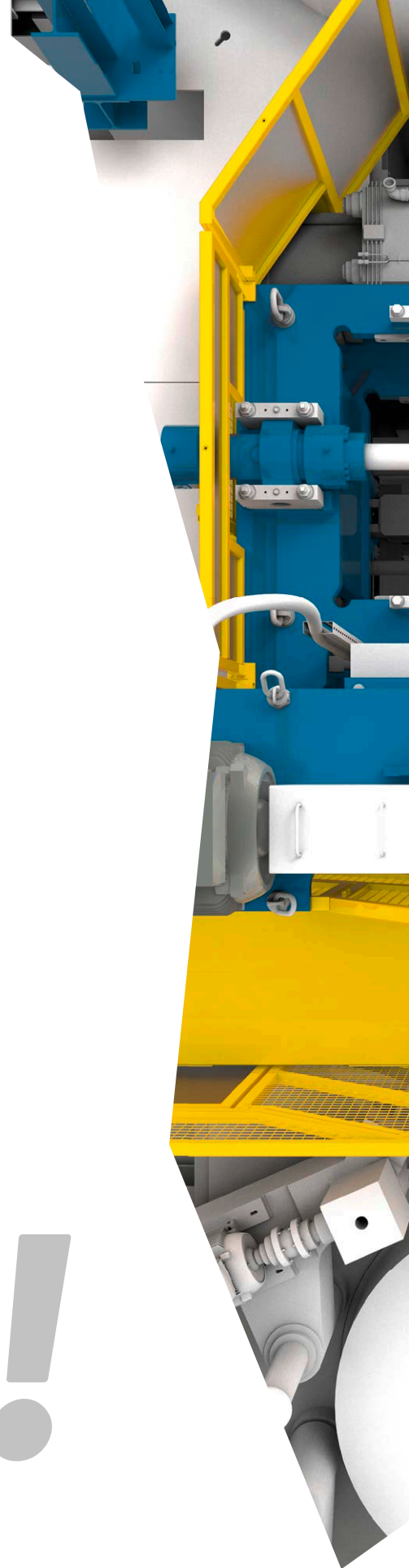
## Calculations

Modern machine and plant design and engineering would be impossible without complex analyses and calculations. We perform these in-house. FE-calculations of critical parts, pass schedules, vibration analyses or detail optimizations are part of our engineers' daily business.

## Documentation

The larger the plant, the more important accurate documentation becomes. Therefore, we will provide data such as useful manuals, safety documents and risk analyses according to your wishes.

***What we  
can do  
for You!***

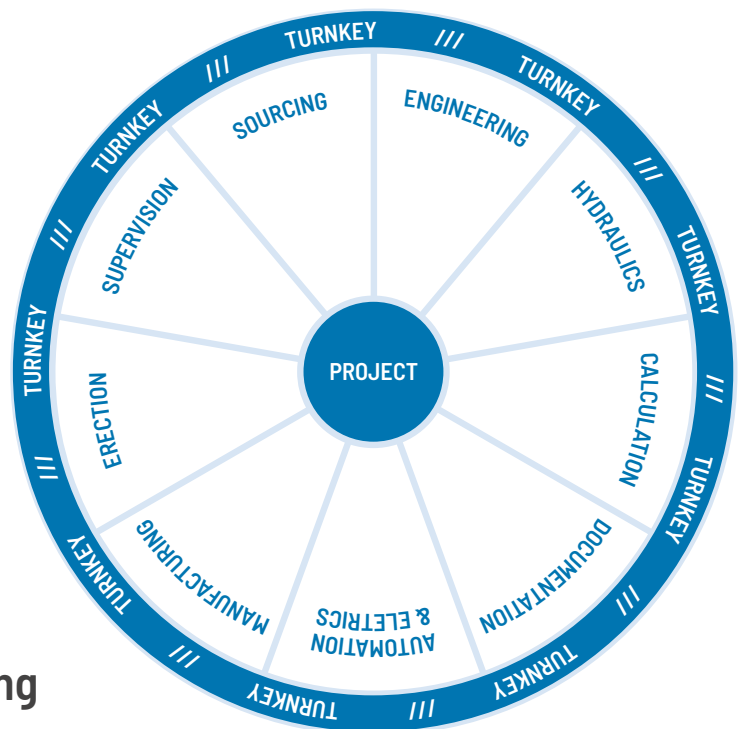


## Project implementation

A plant is not the sum of its parts, but rather the sum of the people behind it. In us you have found a reliable and competent partner. Direct communication with suppliers, inquiry specifications, production monitoring, erection and commissioning supervision are central parts of our project implementation.

## Studies

Especially long-term investments must be thought-through well. Let us help you put your decisions on a solid basis with a detailed study. Basic design, plant concepts or budget calculations: rely on our figures and facts!



**Reines  
Engineering**



**Erweiterte  
Projektunterstützung**



**Komplettanlagen Turn-Key**



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*Do you already have a partner in automation? Does your own staff take care of installation? Or do you rely on our know-how and our partners? It is your choice!*

*Large revamp, short shutdown?  
We have proven how it works!*

*Complex simulations, shock stress  
analysis, FE-calculations are  
created directly in our company!*

*Will an investment pay off? Revamp  
or new facility? We can answer these  
questions in a study. Contact us!*



**[www.buma.at](http://www.buma.at)**