

APPLICATION EXAMPLE

TRIMMING PRESS



OVERVIEW

PRESS BUILDING & AUTOMATION

CUSTOMER INFO

**ABK Pressenbau
GmbH**

Industry:

Automation, sliding tilting table presses, C-frame trimming presses, column trimming presses, spotting presses, special presses/equipment, peripherals

Information:

For 40 years, ABK Pressenbau has stood for competence and quality "Made in Germany". In addition to hydraulics, control cabinets, e-planning and software, which are manufactured directly in the Mömlingen factory, the company is known for versatile standard presses. These can also be adapted to the customer's personal ideas.

LOW-MAINTENANCE AND COST-EFFICIENT TRIMMING PRESSES

In many cases, trimming is a work step that cannot be avoided. A trimming press is supposed to work safely and reliably and save a lot of time. Various requirements come up - both from the end customer and from the manufacturer itself. In addition to lower starting torques and lower sliding resistance, smaller drive motors and drive elements are often desired. Furthermore, the press should be as insensitive as possible to contamination and offer good burr removal.

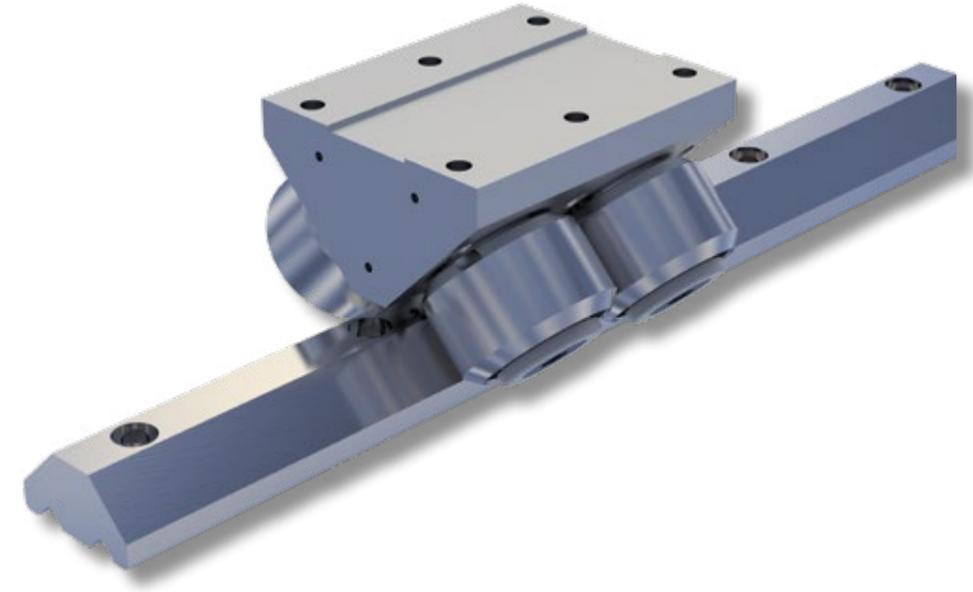
All in all, these features ensure lower energy consumption and the possibility of longer service lives. Apart from that, the press will be cheaper and requires less maintenance.

When choosing the right components, ABK Pressenbau GmbH focused on the following requirements:

- easy assembly
- cost saving
- advantages over competitors
- thus better chances on the market



Our Nadella sales team was able to find the right solutions for our customer's needs. In the table on the right you can see exactly which products were used in this deburring press. Follow the links in this document to go directly to the respective product page.

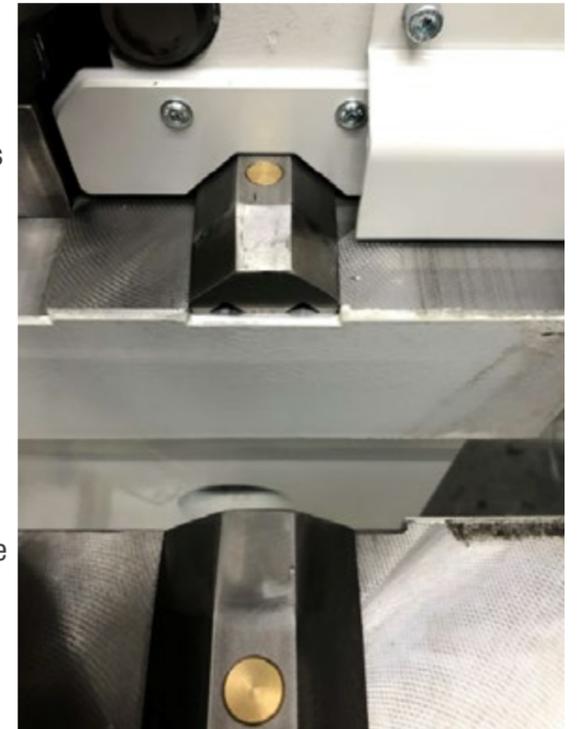


NADELLA LINEAR GUIDE SYSTEMS COMPONENTS FOR HIGH LOADS

In this case, too, we were able to meet the customer's requirements with various products from our range. Among other things, our ROLBLOC series was used. Since a pressing pressure of 200 tons has to be absorbed without damaging the component, our heavy-duty guides and carriages are ideally suited for this application.

In this system, the rotational axes of the guide rollers are parallel to the tracks of the rail. Therefore there is only one rolling contact, which reduces surface stress and the impact of dust between the contact surfaces.

Since a gap of 20 mm is necessary in this application to realise the tilting movement, the sliding table has to overcome this gap with the help of the guide, which was implemented with the Nadella guide rail.



PRODUCTS FROM THIS PROJECT

Type

[GU62MT1900NZ](#)

[BL275](#)

[MRS35](#)

[RPT75](#)

[LUBU](#)

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