



**We start your
innovations**

Components

FOR SHADING TECHNOLOGY





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ZEBR S.R.O.

We start your innovations

We are ZEBR - a Czech technology company dealing with the development and production of world-class machine technologies.

We manufacture machines for automating the production of interior and exterior blinds. We offer a wide range of components for shading technology. You can find our products from Milovice near Mikulov all over the world - from Australia to Mexico.

We are a reliable partner for all our customers. We accompany them on the road to innovations that effectively move them forward.

Our values include:

QUALITY

Our products are of world-class quality.

INNOVATION

We are innovative in our thinking and applications of the latest technologies.

APPROACH

We meet our customers' needs. Together we look for new and suitable solutions.

RELIABILITY

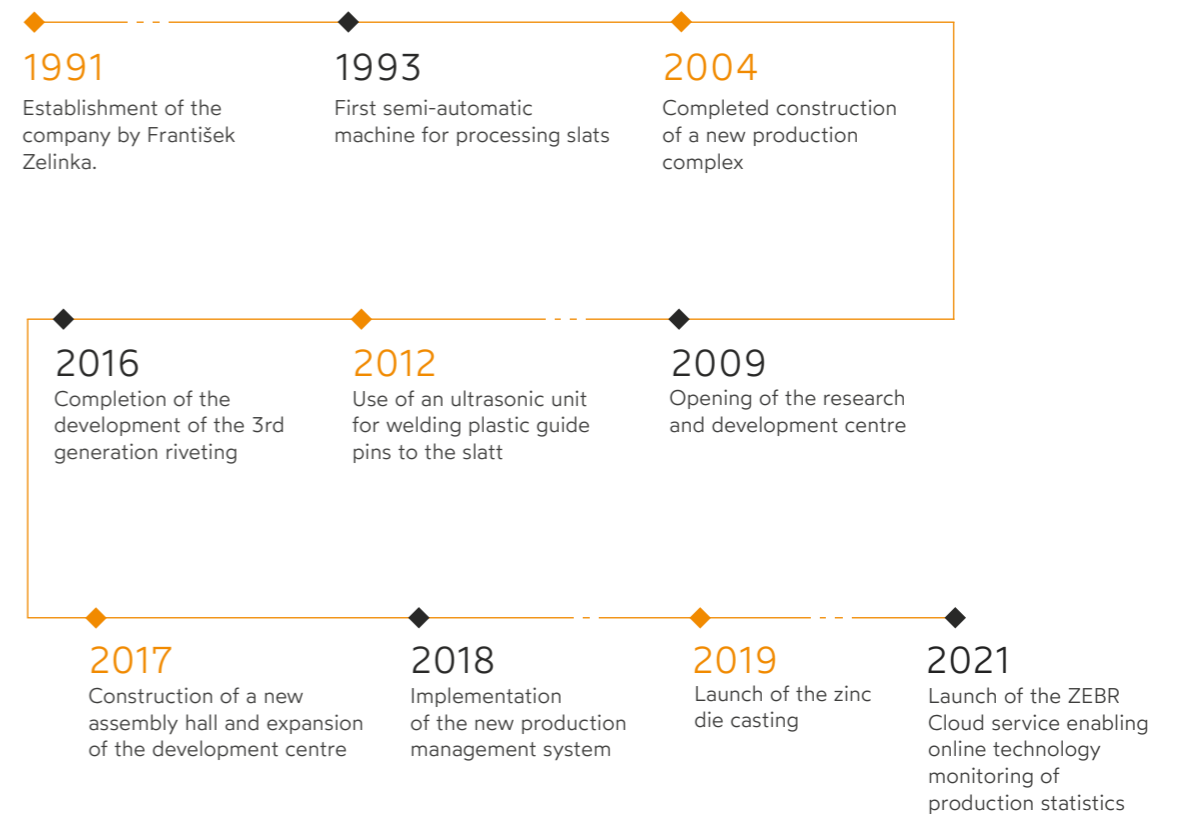
We guarantee fast service and delivery of spare parts.



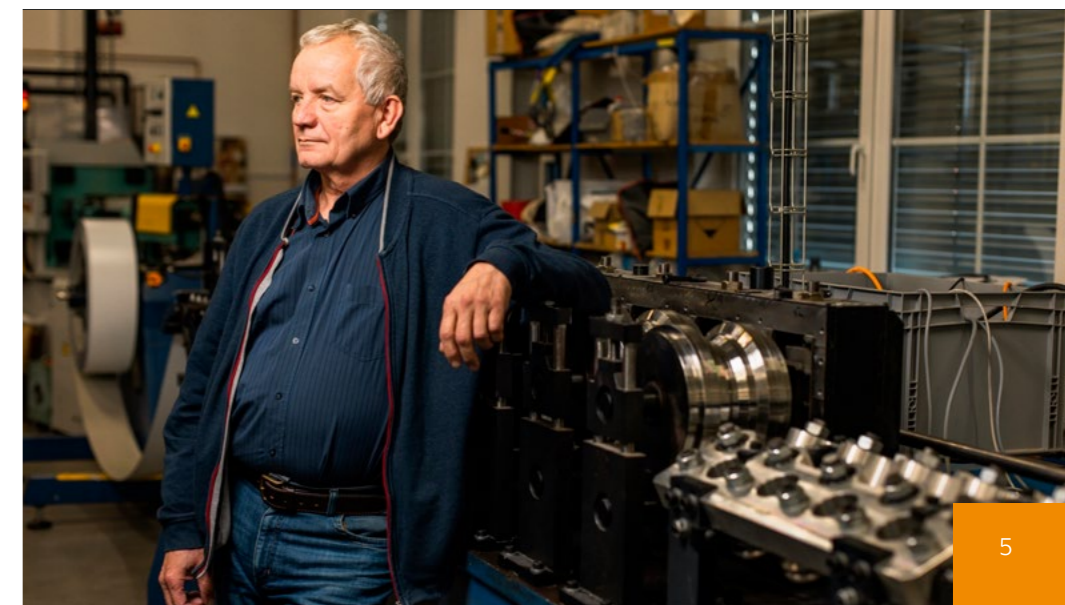
HISTORY

30 years of experience

We have been in the shading technology market for more than 30 years. We have collected a lot of experience that has enabled us to push our technology and products forward.



František Zelinka
founder of the company

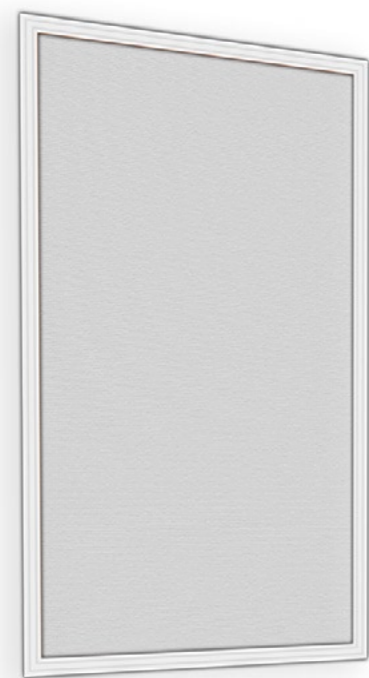


COMPONENTS

Window and door screens

We manufacture and supply the components needed to manufacture fixed insect screens. We offer rolled aluminium profiles for window and door screens, including plastic and metal mouldings and other accessories.

Thanks to the wide range of profiles offered - different in shape and colour, you can choose the most suitable version for the selected type of windows or doors.



COMPONENTS OF WINDOW SCREEN PROFILES

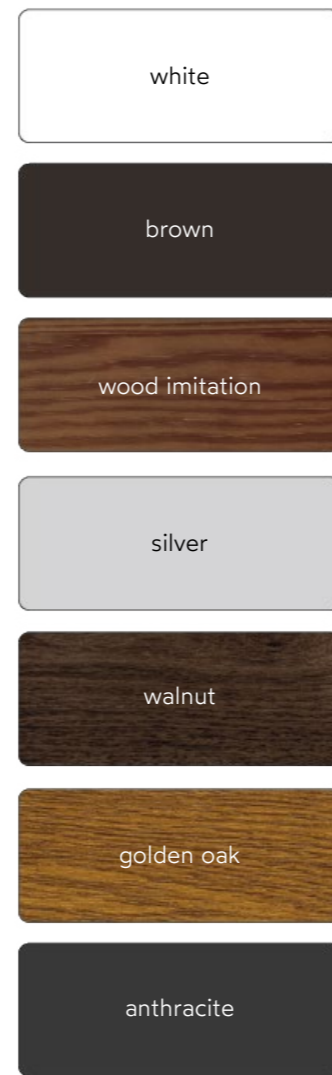
WINDOW SCREENS


We offer profiles for window screens in the following versions: **STANDARD, R50** and **LEM**. The individual profiles for window screens are connected using plastic parts. These can be visible after assembly or hidden inside the profile.

With larger dimensions, the frame bends inwards due to the effect of the switched-off mesh. We can prevent this by inserting horizontal, vertical or cross reinforcements.


The finished screens are simply attached to the window frame using rotating brackets. This method of fastening has an advantage - it does not have to be drilled into the window frame. The screens can be mounted from the inside and are easily removable.


We manufacture screen profiles and all visible connecting plastic components in seven colours. The customer can thus choose the colour versions according to their preferences.





 Rolled aluminium profile


 Low weight


 Sheet metal painted on both sides

 Easy assembly and disassembly

 Burn-off varnish in RAL colours

 Possible atypical design

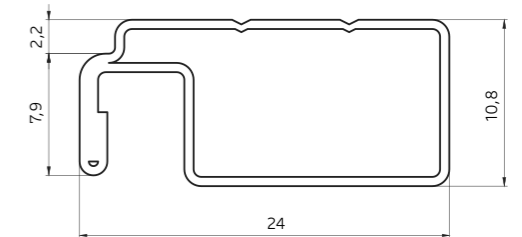
 High strength and rigidity in the frame

 Wide colour range of designs

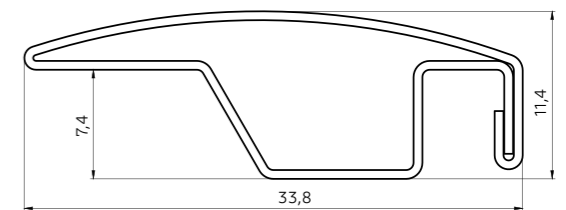
WINDOW SCREENS PROFILES

3 VERSIONS

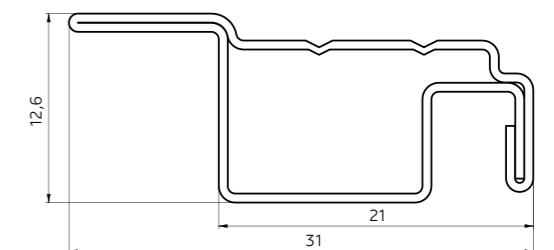
STANDARD
25 x 10 x 5,000 mm



R50
33 x 11 x 5,000 mm



LEM
31 x 12 x 5,000 mm



COMPONENTS

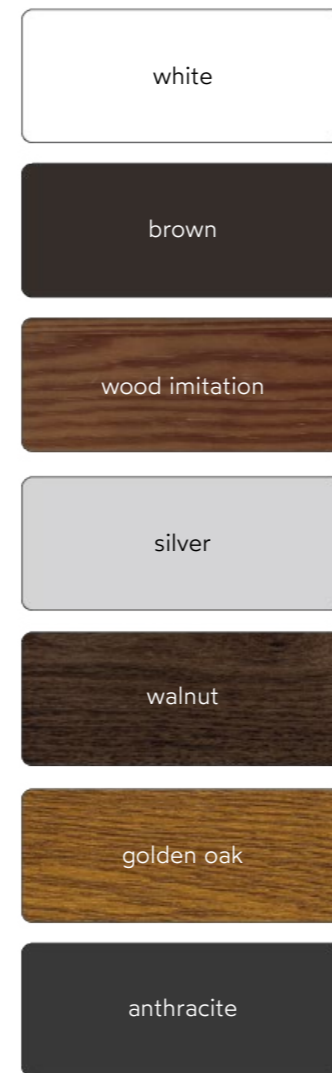
DOOR SCREENS

We make all components for the manufacture and assembly of door insect screens. We offer two versions - **DOOR** and **R18** profiles.

The individual profiles are connected using plastic parts that are visible after assembly or are hidden inside the profile.

The frame is attached using ordinary or self-closing hinges. The fastening is provided by practical magnets. The entire frame is reinforced in the middle with a crossbar which makes the screen door stronger. At the customer's request, we can also supply a trench strip.

We manufacture profiles and all visible connecting plastic components in seven standard colours. The customer can thus choose the colour versions according to their preferences. In the case of specific requirements, we also offer the manufacture of other colours.



Sheet metal painted on both sides



Rolled aluminium profile



Burn-off varnish in RAL colours



Easy assembly and disassembly



High strength and rigidity in the frame



Possible atypical design



Right or left side opening



Wide colour range of designs



Low weight



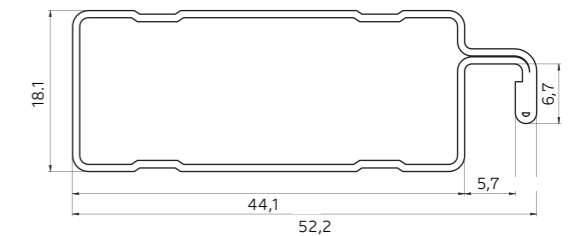
Sealing brush to prevent dirt from entering.

DOOR SCREEN PROFILES

2 VARIANTY

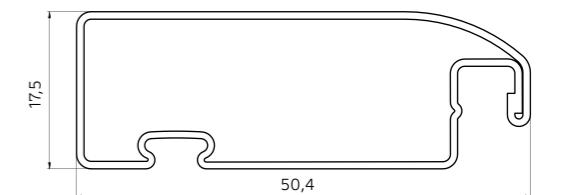
DOOR

52 x 18 x ,5000 mm



R18

50 x 18 x 5,000 mm



DO YOU NEED TO ORDER COMPONENTS?

Do you want to order components from us? Or just consult about a suitable option? Contact us at the e-mail address **lisovna@zebr.cz**.

In the case of long-term cooperation, you can simply order goods through our e-shop - **shop.zebr.cz**.

COMPONENTS

Interior blinds **ZEUS**

Our own **ZEUS** blinds system with an elegant design is intended for plastic and wooden windows. We manufacture and supply all the components needed for its assembly.

The ZEUS system is characterized by a low number of used components, reduced noise and simple assembly.

The components are made in shades of white RAL 9016, brown RAL 8014, imitation wood RAL 8003 and silver RAL 9006.

A variable system that can be combined with other systems and components of our production.



ZEUS SYSTEM ADVANTAGES



Minimum of used components



Possibility of inserting a blind brake



High quality design and materials



Simple assembly



Modern design



Tool for the processing of blind profiles



Two different types of profiles



Choice of several colours

SYSTEM ZEUS FUNCTION

SELECTION Is possible between standard and full-shade designs, and while maintaining the used components, you can select a straight or round (radius) blind design.

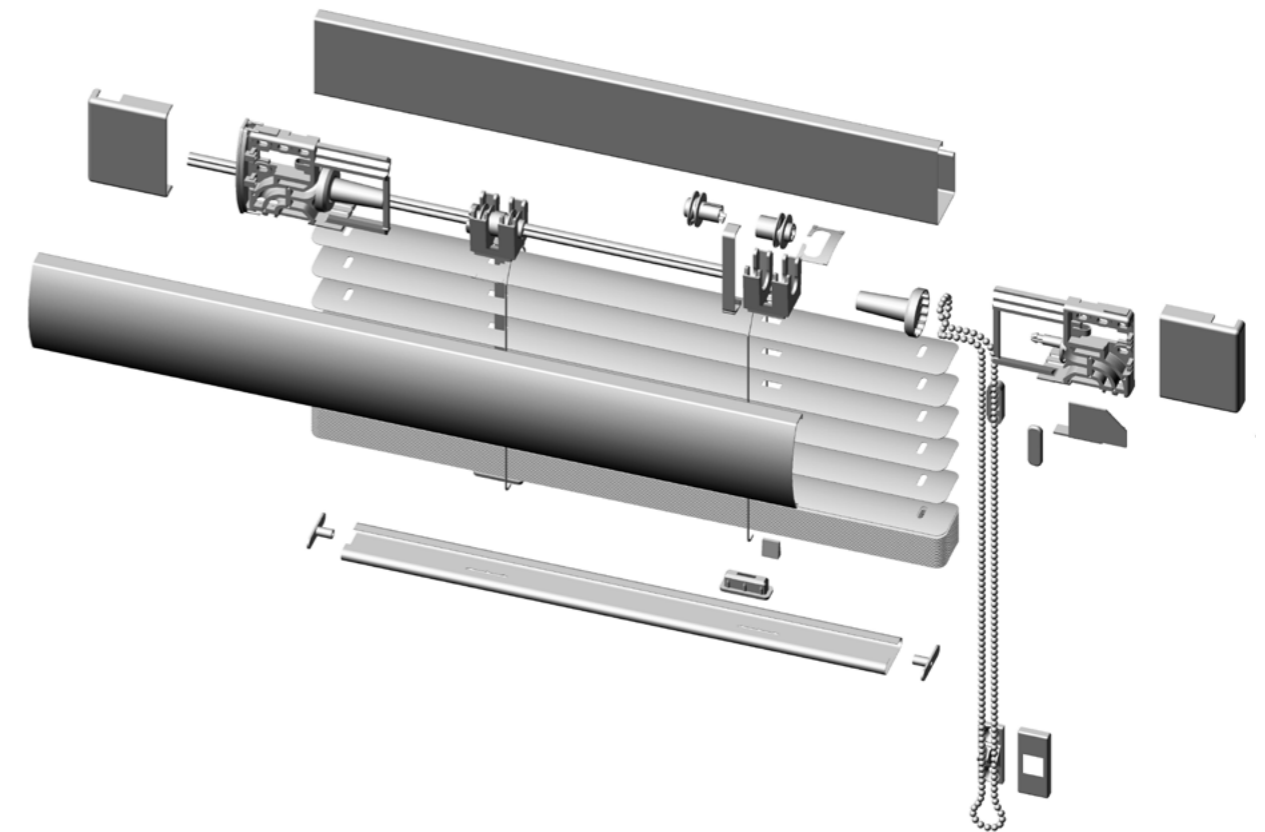
THE ASSEMBLY of the system can be carried out thanks to the sophisticated design of the clamping holes both in the window frame and in the glazing bar.

THE CONTROL of the full-shade blinds is possible using a practical chain that uses a modern gear-less mechanism that changes the rotary movement to a linear one. This control element can be used to control both the size of the shielded area and the intensity of the transmitted light.



ZEUS SYSTEM COMPONENTS

The ZEUS system consists of several components - depending on the selected profile and its properties. All components can be ordered and delivered in any desired quantity.



CHAIN HOLDER



BEARING



LOWER PROFILE

COMPONENTS

Exterior blinds

We manufacture and supply the components needed for the assembly and production of exterior blinds. We include plastic side seals of the lower profile, metal and plastic guide pins, steel hooks for fixing the ladder, plastic seals for slats and guide rails in the offered components.



FOR THE PRODUCTION OF EXTERIOR BLINDS COMPONENTS



GUIDE PINS

ZINC, PLASTIC

- Zinc alloy - Zamak
- Surface treatment for exterior use
- Universal metal pin, for all types of slats, except for the typical shapes of slats C, Flach, S and Z
- Suitable for automatic riveting
- Designed in cooperation with manufacturers of blinds
- Possibility of own design at the customer's requirements



FIXING HOOKS

STAINLESS STEEL

- Standard or miniature size
- Fixation of the ladder to the slat



SIDE GASKET OF EXTRUDED PROFILE

PLASTIC

- Quality plastics for exterior use (UV protection)
- Possibility of own logo
- Wide range of colours
- Possibility of individual shapes



SEALING

PLASTIC

- Grey plastic seal for slats
- Elimination of noise in bad weather
- Black seal in the guide bar



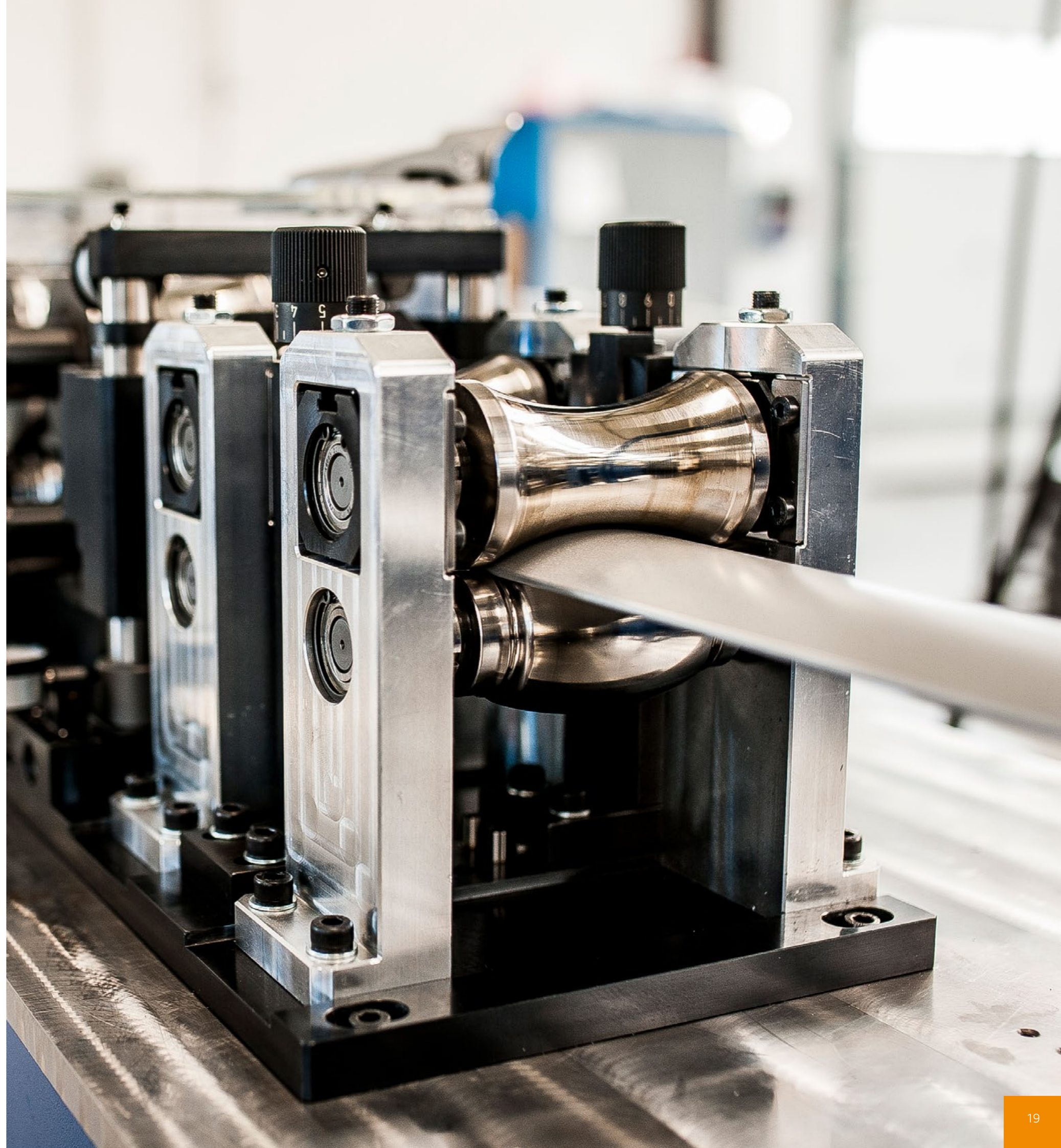
WE OFFER

Services and technologies

Based on our knowledge and experience, we are able to ensure the individual manufacture of components made of plastic, aluminium or zinc alloy. They do not have to be only components for use in shading technology.

AVAILABLE TECHNOLOGIES:

- ◆ ROLLING
- ◆ PRESSING AND CUTTING
- ◆ INJECTION
- ◆ RAPID PROTOTYPING PRESSURE
- ◆ ZINC DIE CASTING





TECHNOLOGY

PLASTIC INJECTION

MOULDINGS

- Manufacture of technical mouldings from thermoplastics
- Calculation of the price of mouldings and moulds
- Development and cooperation in the manufacture of new mouldings
- Creation of pre-production prototypes - Rapid prototyping
- Construction of moulds, manufacture of moulds, maintenance of operated moulds
- Patterning, design of materials, colours
- Pressing of plastic parts and components
- Assembly of plastic parts, other handling works

MATERIAL
PA 6, ABS, PS,
ASA, POM, PE, PC



TECHNOLOGY

METAL FORMING

ROLLING

Profile rolling according to specified dimensions and parameters on our rolling lines.

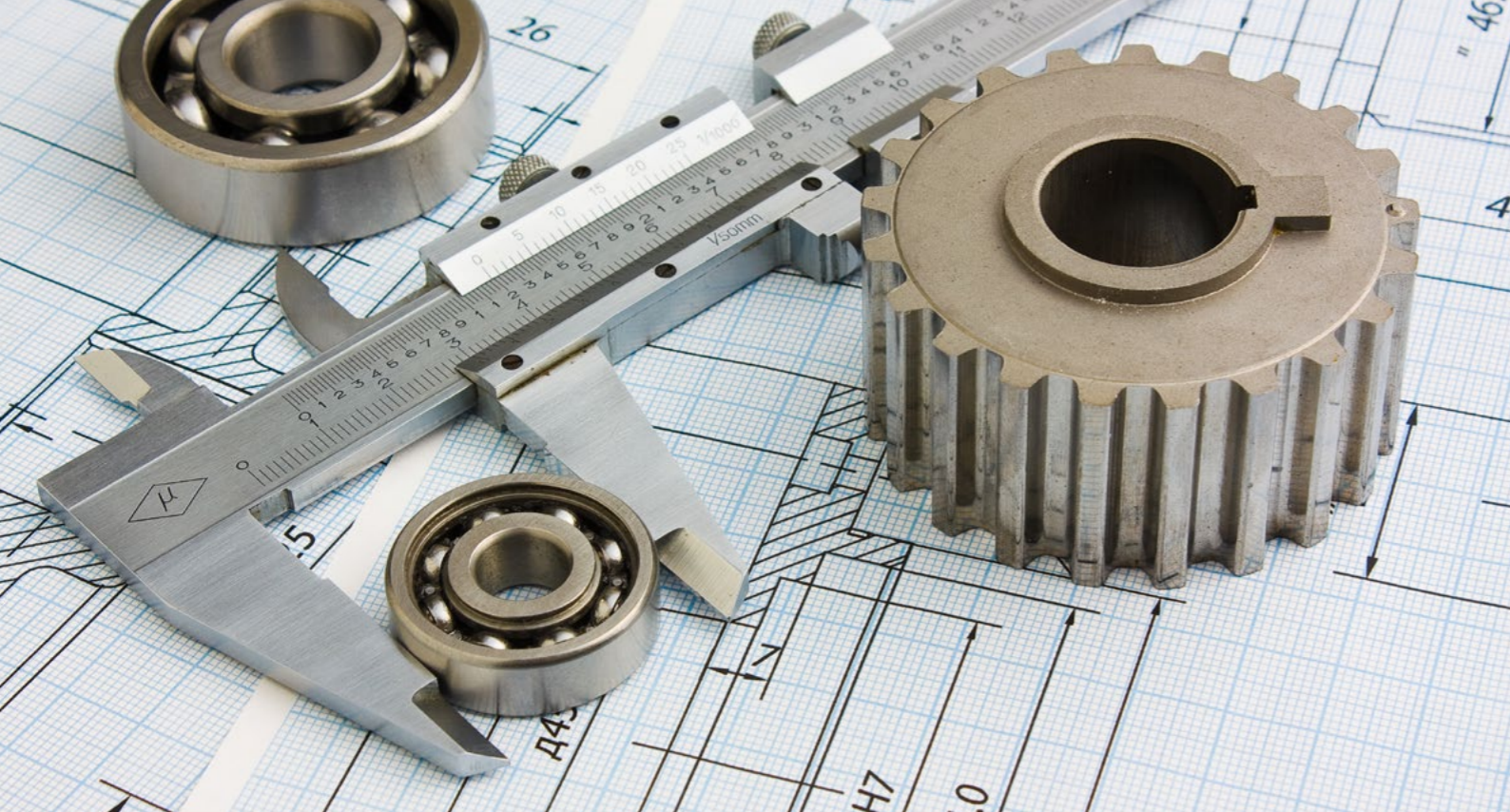
MATERIAL
Steel sheet
Aluminium sheet

PRESSING OF SHEET METAL PARTS

Production of used sheet metal parts for interior blinds and insect screens. We offer several sizes of eccentric presses for forming.

MATERIAL
Steel sheet
Aluminium sheet





TECHNOLOGIES

PRESSURE ZINC DIE CASTING

ZAMAK

Thanks to simple use, fast cycles (2 seconds/part) and low melting temperatures (400-500°C), zinc alloys (Zamak) are increasingly used in various industries - mechanical components in the furniture industry, automotive industry, etc.

We offer complex solutions, construction, manufacture of mouldings, including moulds.



TECHNOLOGY

PROTOTYPING

DEVELOPMENT OF MOULDINGS

As part of prototyping, we offer component development using 3D printing technology. This technology offers rapid testing of pre-series or small-series manufacture with low costs for mould acquisition.

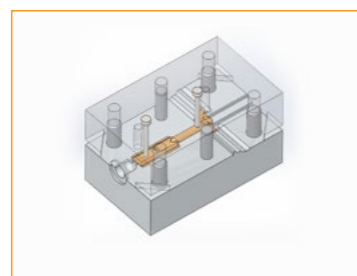


MATERIAL
PA 6, ABS, PS,
ASA, POM, PE, PC
Possibility of colour
versions, UV stabilizers
and other additives

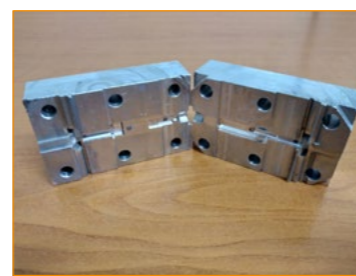
PROTOTYPE CREATION
PROCEDURE



1. Component orientation construction



2. Aluminium mould in our own tool shop



3. Manufacture of the moulding from a selected material

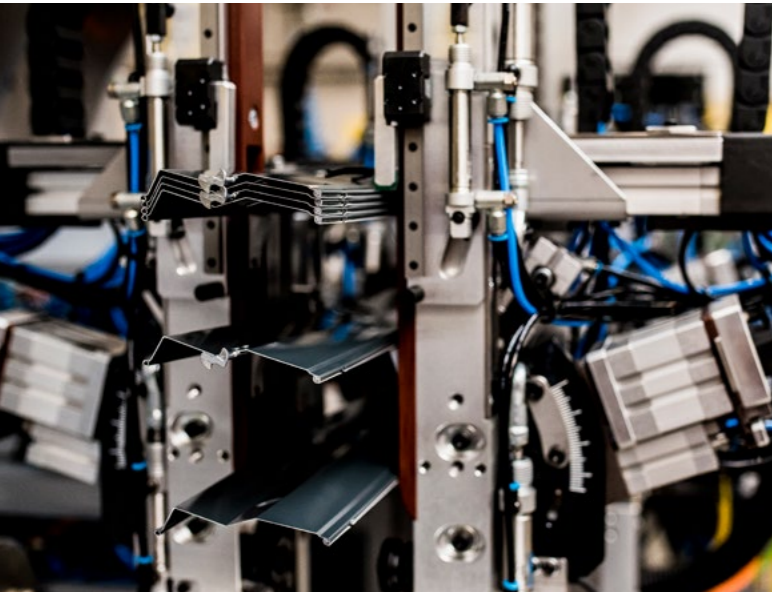


ZBER MACHINES

Machines for the manufacture of blinds

WORLD-CLASS QUALITY

ZEBR produces world-class machines for the manufacture of interior and exterior blinds. We offer machines in various degrees of automation - from basic ones, which are intended for beginning manufacturers, to complex multi-level lines, which are ideal for companies with high-capacity production.



FUNCTION

The machines are intended for processing lacquered aluminium strips. Using profile rolling, the slat is shaped, then the required holes are cut, they are cut to the required length, or the slat is threaded into the ladder. The resulting product is a blind ready for assembly.

AUTOMATION

We divide machines according to manufacture into interior or exterior ones. We offer solutions tailored for the customer in various levels of automation and productivity. For all machines, we offer service and other accessories needed for the manufacture of blinds.



ZEBR MACHINE CLOUD.

For machines with higher automation, we offer the online software ZEBR MACHINE CLOUD for monitoring and evaluating the production efficiency.

The ZEBR MACHINE CLOUD enables remote control of machines and reporting of functionality or malfunctions without disrupting production.

DOCUMENTATION AND SERVICE

The delivery of all documentation for the machines and training of your workers is a matter of course. We offer support to customers all over the world. We provide machine service with the help of our own service technicians. We also take care of the delivery of spare parts or components.



WE EXPORT FOR

The entire world

If you are interested in ZEBR products, do not hesitate to contact us. We will be happy to advise you and propose a suitable solution tailored to your needs.



CONTACT DETAILS

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SOCIAL NETWORKS

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WE START
your innovations

