

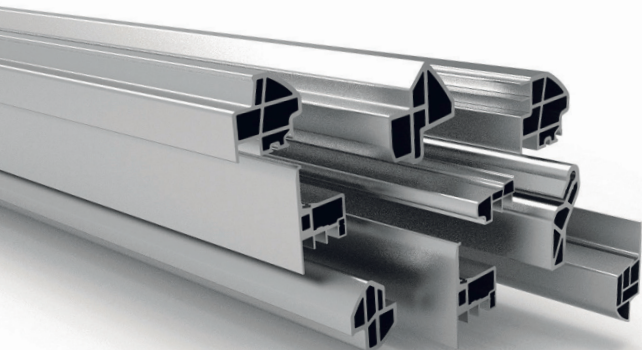
EXPERTISE IN ALUMINIUM: FOR VERY LIGHT CABS.

Fritzmeier develops and manufactures safety structures in aluminium.

ADVANTAGES OVER STEEL

- Aluminium construction is 30 percent **lighter** than steel
- With a 70 percent recycling rate, aluminium is a very **environment-friendly** material
- Investment costs for section development are notably **lower**
- Aluminium is also easier and much **cheaper** to work – bend, mill, cut – and so much more flexible to use

We have a dedicated lightweight component production plant in Sibiu, Romania, with the requisite expertise in development and technology.



FRITZMEIER: WHO WE ARE.

Fritzmeier CABS is an OEM supplier for manufacturers of off-highway and utility vehicles, and produces complete cabs, cladding components and system modules.

In development and production, Fritzmeier delivers the central customer benefits of safety, ergonomics, comfort, economy and integration capability. For many years the company has been active globally, with multiple production facilities in Europe, a Joint Venture in India and cooperation partners around the world.



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PRODUCT INFORMATION
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FRITZMEIER LIGHT CONSTRUCTION: EXPERTISE IN ALUMINIUM.



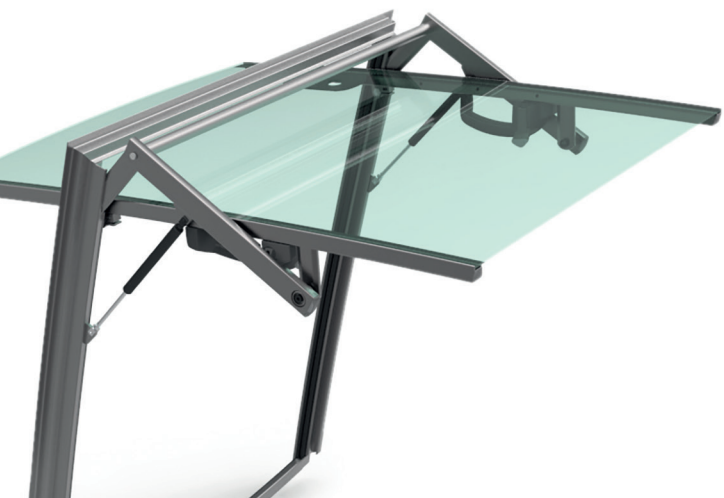
www.fritzmeier.de

ALUMINIUM IN CAB CONSTRUCTION: BENEFIT FROM OUR EXPERIENCE.

In addition to economy and flexibility, safety is a core issue in cab design. The safety of the operator in the aluminium cabin has the highest priority in product development.

Fritzmeier CABS has developed over 500 extruded aluminium section profiles. The form, wall thickness and design of the section chambers define the specific characteristics for the respective application. Development is driven by function integration to save costs over conventional steel structures.

The inner chambers of the sections for doors, windows and cabs permit slender profiles that give the operator a great view of the working area, while at the same time providing the necessary safety in an emergency. Other functions are integrated for attaching components like gaskets and grips directly to the sections.



OUR TECHNOLOGIES: EXPERTISE IN LIGHT CONSTRUCTION.

SECTION WORKING

Fritzmeier customers benefit from the latest fabrication technologies. We work sections up to 6 m long on our 5-axle CNC milling equipment.

Section size and bending radius are just two of many parameters that play an important role in aluminium bending. Fritzmeier uses mandrel and roll bending to make high-quality aluminium parts for its products. The precision of component fabrication is a key factor in automating further work steps.



JOINING TECHNIQUES

Process reliability and repeat precision are key in welding cab structures. The latest robot-controlled WIG MIG welding and our skilled specialist staff ensure the highest production precision for our safety components.

PAINTING AND POWDER COATING

Assemblies are surface-treated in an automatic Power&Free powder system. Full corrosion protection as well as the desired colour and degree of shine are applied per customer order. Careful pretreatment of components followed by chemical passivation of the surfaces ensure high quality automated powder coating, which is cured to give the final colour in the last work step.