

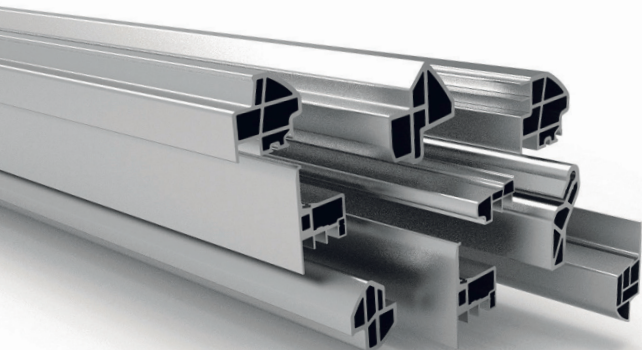
EXPERTISE IN ALUMINIUM: FOR VERY LIGHT CABS.

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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FRITZMEIER LIGHT CONSTRUCTION: EXPERTISE IN ALUMINIUM.



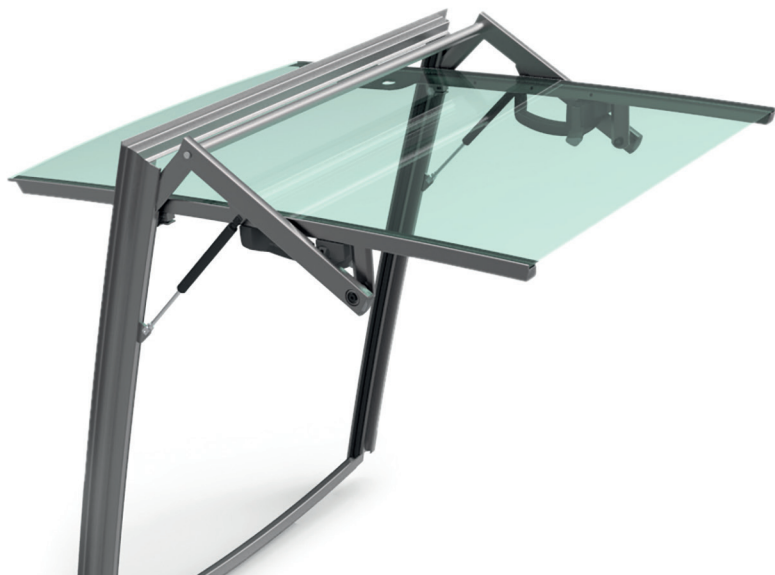
www.fritzmeier.de

ALUMINIUM IN CAB CONSTRUCTION: BENEFIT FROM OUR EXPERIENCE.

In addition to economy and flexibility, safety is a core issue in cab design. Driver safety is of tremendous importance for us.

Fritzmeier CABS uses multi-chamber construction. We draw webs into the section, so that the aluminium can take up more deformation energy, for standards-compliant safety structures.

It also lets us make doors and windows with more slender profiles, for better fields of view. In addition, many functions can be integrated directly, like window openers or handles. This means more safety, more convenience and easier operation for the driver.



OUR TECHNOLOGIES: EXPERTISE IN LIGHTWEIGHT CONSTRUCTION.

SHEETMETAL WORKING

Fritzmeier customers benefit from the latest fabrication technologies. On our 5-axis CNC stations we mill aluminium sheet up to 6 mm thick with a table size up to 3 m x 1.5 m.

PROFILE WORKING

Material thickness and bending radius are just two of the many parameters that play an important role in bending aluminium. Fritzmeier uses mandrel and roll bending to make high-quality aluminium parts for windows, doors and complete driver cabs. Laser-cut extruded profiles can be used as-is, reducing costs.



JOINING TECHNIQUES

Universal utility, clean welds and the right welding current for the task at hand – the latest robotic MIG welding techniques and the sharp eyes of our experienced specialists ensure highly precise manufactures.

PAINTING TECHNOLOGY

Assemblies are surface-treated in an automatic continuous-pass system in order to give them full corrosion protection as well as the desired colour. Components are first prepped and their surface oxide layer is then passivated. The automatic electrostatic powder coating station then uses high voltage and air to apply pigmented plastic powder to the component.

