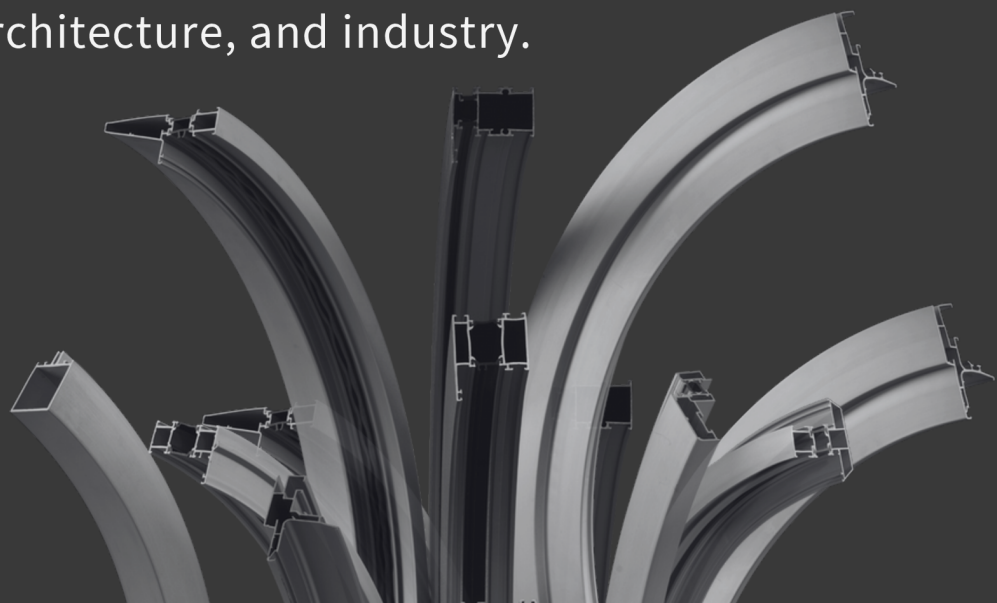


CURVED COMPONENTS MADE FROM ALUMINUM EXTRUSION

If your company specializes in aluminum extrusions and curved components, this whitepaper will be of interest to you.

Aluminum extrusions play a vital role in developing sustainable products and systems, helping to reduce carbon footprints across various industries. Aluminum allows for the creation of complex shapes and designs, enhancing the efficiency of numerous applications. In construction, for instance, aluminum extrusions can be used to produce energy-efficient building materials that improve insulation and reduce energy consumption for heating and cooling. And there are many more fields where you will find complex shaped components made from aluminum. At SJOLUND we like to bring in the expertise that we have gained over the last decades to support you with your next curved project. Our key areas of expertise in curved parts are: Transportation, architecture, and industry.



Why is it beneficial for you as an extrusion company to pick a specialized partner for curved components?

Using a specialist for bending operations, for complex components in low to mid-size volumes, can provide significant benefits to you as an extrusion company. Here are just some advantages that should make you consider connecting with SJOLUND:

1. Specialized expertise

- Professional bending companies often have highly specialized knowledge and experience in bending complex components, ensuring precision and accuracy that might be challenging to achieve in-house.

2. Enhanced quality assurance

- Professional bending companies implement stringent quality control measures to ensure that each part meets the exacting standards and specifications required for technically demanding projects.

3. Access to innovation

- Professional bending companies specializing in complex components are often at the forefront of industry innovations and techniques, offering creative solutions and advanced methodologies that can improve the final product.

4. Scalability and flexibility

- Professional bending companies can easily adjust to varying volumes and complexities, providing the flexibility to scale production up or down based on project needs without major delays.

5. Resource optimization

- By outsourcing complex bending tasks, internal resources can be reallocated to focus on core business activities such as design, R&D, and project management, enhancing overall efficiency.

6. Cost savings

- Outsourcing complex bending operations can be more cost-effective than investing in expensive specialized equipment, along with the associated maintenance and operational costs.

The SJOLUND formula

Extrusion company

+

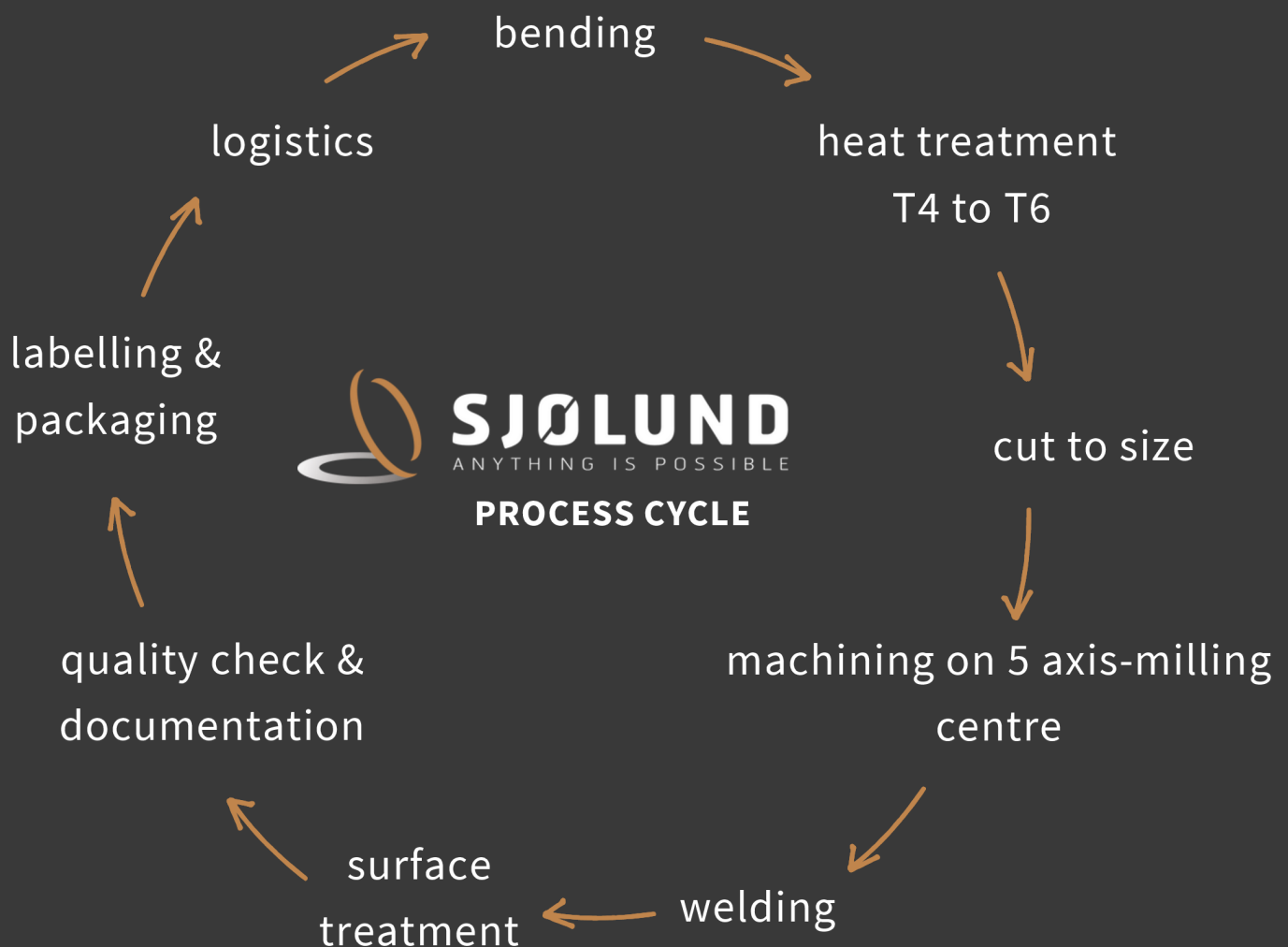
SJOLUND A/S

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**Great partnership
for curved components**

Working with SJOLUND gives you the opportunity to delegate more than just the bending process to us. With over 80 different bending machines and a wide range of additional processes, we can manage all aspects of forming your curved components. In addition to our machining capabilities, we excel in quality control, documentation, labeling, packaging, and logistics.

Simply specify the processes or steps you would like us to handle to ensure the success of your curved project or component. Refer to SJOLUND's process cycle below and make your selection.



Insights into our aluminum machining expertise

At SJOLUND we perform the most complex milling tasks using advanced 5-axis milling centers from CMS, Maka, and Mubea, ensuring the highest precision and efficiency for all projects. By integrating state-of-the-art CAD/CAM software such as Tebis, Alpha CAM, and Inventor, we are able to handle intricate designs and execute them flawlessly.



Our machining centers can process dimensions up to 9500mm x 1700mm x 1000mm, accommodating a wide range of project sizes with the capability for even larger dimensions upon request.

Additionally, we are continually expanding our machining capacity to stay at the forefront of industry advancements and to meet the growing demands of our clients. Our dedicated team of experts is always ready to tackle new challenges, ensuring that we remain a leader in precision milling services on curved parts.

A few strong references of what you can expect from us



e.g. we are able to
handle many different
crosssections for your
individual component



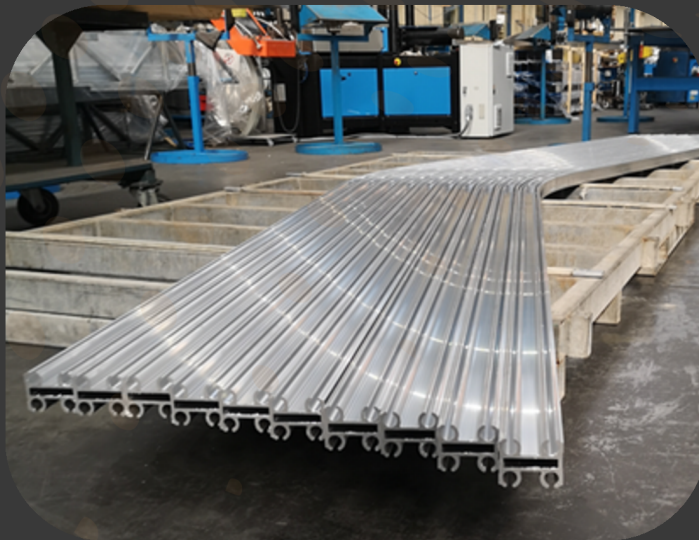
e.g. accurate
curves for your
conveyor systems

e.g. precision
bended and cnc-
machined



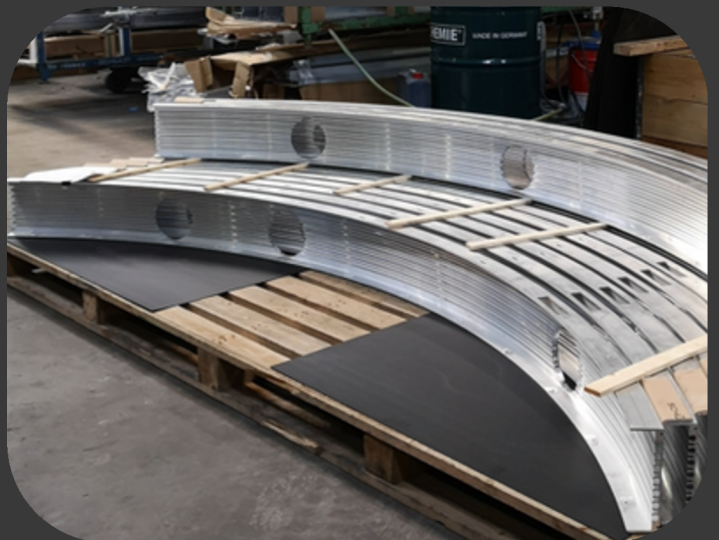


e.g. profile for facade construction that already includes a thermal break



e.g. curved profiles for some mobile tent

e.g. profile for some revolving door that includes millings



Why is it important, and what are the benefits for you?

At SJOLUND, we have a track record over decades and deep expertise in realizing complex components in collaboration with our clients. This experience ensures that working on new projects with our team will be smooth and efficient for you.

You will benefit from the experience that SJOLUND Group has gained on curved equipment over the last decades. The curved parts that we are supplying to you are ready to install kits of curved profiles that will have full traceability and the packing will be individually according to your needs. If you are looking for a reliable supplier committed to delivering components as promised and on time, SJOLUND welcomes your inquiry.

Let's collaborate to build a future of precision and partnership together!



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