



We are a recognized supplier of
custom-made solutions in steel,
stainless steel and aluminum.

Consultancy and production under one roof.





Why should you do business with **Solid production**?

Solid production is a turnkey supplier of custom-made solutions in steel, stainless steel and aluminum. Our customers are typically industrial companies with a need for development of custom-made solutions done in close cooperation with our specialists.

Our expertise is your expertise

We possess a wide range of technical and regulatory competencies, which we make available to our customers.

Consultancy

We offer advising in the areas of machine safety and CE marking. It's our experience that it provides great value for the customer to involve us early in the development phase so that we, together, can find the optimal solution. We have built up our expertise through many years of cooperation with the wind turbine industry and the building industry.

Another special area for us is risk assessment of new and older production equipment. We can carry out an assessment early in the idea phase, which can potentially spare lots of costs as it reduces the risk of problems with safety regulations later. But we can also provide analysis of existing equipment to assess, whether the requirements are met.

We have many years of experience in safety assessment and a deep knowledge of Machine Directive 2006/42/EF.

Our CAD system is SolidWorks. We handle all current Solid formats and seek to keep up-to-date with the newest software. Our engineers are highly qualified and can quickly visualize various solution possibilities.



Aluminum

Through the years, we have built up a great amount of expertise in production of aluminum coverings for the building industry.

We have a large assembly of modern machinery at our disposal:

- **2 Punching lines**
 - For 3000 mm x 1500 mm plates
 - For 5000 mm x 1500 mm plates
- **2 Laser cutters**
 - For 4000 mm x 2000 mm plates
- **5 Press brakes**
 - can press up to 12 mm aluminum plates of 5 m length
 - can press up to max. 400 t
- **Plate shear up to 4000 mm**

In connection with the production of aluminum coverings, it is important that we control our own stock. We stock aluminum in various alloys suited for possible powder coating or anodizing, which places other demands on the material.

With our inventory control and full traceability, we ensure that our customers get consistent quality.





Standard Plate Inventory

I050A/5005A

Thickness: 0,5-3 mm

Plate sizes: 2000x1000, 2500x1250, 3000x1500 mm

Periodically: 4000x1500 og 5000x1500 mm plates in stock

EN AW-5754 Seawater resistant

Thickness: 1-6 mm

Plate sizes: 2000x1000, 2500x1250, 3000x1500 mm

Periodically 4000x1500/2000 mm plates in stock

EN AW-5005A - NI Natural anodized

Thickness: 1-3 mm

Plate sizes: 2000x1000, 2500x1250, 3000x1500,
4000x1500 mm

Furthermore, we have AISI304+316, hot-galvanized steel and S355 in stock.

The inventory of these types may fluctuate. However, most plates can be arranged in stock from day to day.





Steel & welding tasks

The demands in the area of welding work are growing and **Solid production** is constantly upgrading the qualifications of all employees. Our employees have the necessary certificates so that they can live up to the requirements from both customers and authorities.

All welders are certified according to DS/EN ISO 9606-I, DS/EN ISO 9606-2 and DS/ENG ISO 14732. This ensures the highest quality in welding work and for our customers.

Solid production owns several welding machines for MIG/MAG, TIG and spot welding.

We weld

- Steel (S235, S355)
- Aluminum (Al Mg 3, Al Mg 5)
- Stainless steel (AISI 304, AISI 316).

Our machine shop is equipped with

- 1 Mazak lathe machine: Ø176 x 2000
- 1 Mazak machining center: 3000 x 800 x 800
- 2 YCM MVI06A machining centers: 1000 x 600 XYZ
- Microcut Challenger lathe machine: Ø200 x 1200



Certificate No: INT W21681
Micro and Small Wind Turbines



For further information,
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