

Production

# STEEL PREPARATION



# PRODUCTION

**World-class machine manufacturing for medium and heavy machinery industries in project business, with ISO 3834-2 certification for welding operations.**

Makron production means high-quality expertise. We are your one-stop solution provider in machine manufacturing. We handle different projects from your designs and drawings to a complete working product. We have factories in Hollola, Finland and Aruküla, Estonia. Our Automation electrical control cabinet factory is located in Hollola Finland. Working together with Makron means you have the expertise and professionals providing you with the best possible service. In our production facilities, we have 150 people working in 2–3 shifts. Our Hollola factory includes five spacious halls sized 21–28 x 100 meters and cranes with a lifting capacity of 75 tons, and we can even fit 7.7 meter wide and 7.0 meter high work pieces in the production hall.

We value the quality of our work and therefore we thoroughly document production. We are able to obtain all the needed parts, components and materials for you. We are happy to take complete responsibility for the supply chain, to stay on schedule and get the necessary components on time. Our work plans ensure that every step of the process is planned carefully. During the production process we will also report on our progress, step-by-step, to keep you up-to-date. And we constantly develop our products and production processes. We appreciate hands-on partnership where we learn from each other to make projects more efficient and products better.

---

# STEEL PREPARATION

Makron production starts with work planning tightly in-line with preparation phase. In this phase, we prepare the steel raw material for welding and machining. We take responsibility for the whole steel preparation process, which speeds up project launches. A high-quality preparation phase is crucial for optimizing lead-time in the total production process.

## What Makron does

Our professionals handle different work phases from steel grit blasting and cuttings to edging. In steel preparation, the surface of the material is cleaned with abrasive blasting. The steel sheets are cut and edged to the correct measurements for welding and machining. Flame cutting can be used for sheets up to a maximum of 250 mm thick, and long sheets can be made without joints. With plasma cutting we can cut sheets up to 38 mm thick. Thinner sheets can be cut effectively using cross-cutting. The longest possible edging length is 6 meters and we can apply a compressive force of up to 600 tons.

## Machinery & Services

- Steel grit blasting
  - Plasma cutting
  - Flame cutting
  - Crosscutting
  - Edging
- 

## Contact



**MATTI KANGASMÄKI**

*Director, Production*

*Hollola*

Factory Hollola

+358 44 059 6770

[matti.kangasmaki@makron.com](mailto:matti.kangasmaki@makron.com)

Languages: FI