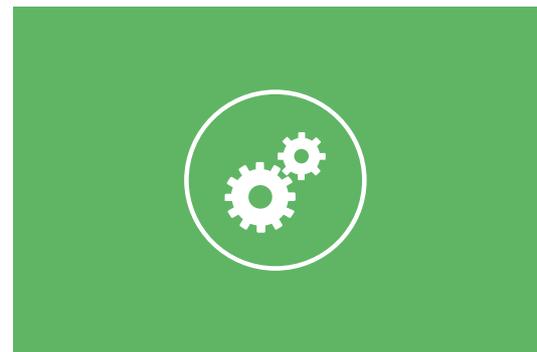


Production

HORIZONTAL CNC MACHINING CENTER MORI SEIKI



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. 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 have 150 professionals working in Hollola, and our factory employees work in 2–3 shifts. Our Aruküla factory has 5500 m² production space and about 35 employees.

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.

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With our 100-piece Mori Seiki NH8000 DCGII horizontal CNC machining center we can perform a wide variety of machining tasks, such as milling, drilling, and lathing, on special materials. Our professional machinists are experts in programming Mori Seiki equipment and the machining center has been tailored to Makron's needs and to the level of precision we require. It gives us an accuracy of a first class 0.001 degrees in the center of the table. Thanks to its high fidelity, the Mori Seiki is an especially good, cost-effective tool for small series machining. Working with the Mori Seiki is precise and efficient because the machine operates to exact measurements and the tools have an integrated memory, which means the settings move with the tool to the next machining point. This means that there's no need to manually set up the machine. All the piece palettes have zero-point mounting systems so that the machine detects the piece it is working on when the piece is attached properly.

What Makron does

Makron's machinists do all the needed milling, drilling, and lathing with the Mori Seiki. And all our small series work is done efficiently and precisely.

Technical data

Controls	Fanuc
X-axis	1,400 mm
Y-axis	1,350 mm
Z-axis	1,200 mm
Spindle	BT 50
Max. solid of revolution	1,450 mm
Max. height	1,300 mm
Rotating table max. load	1,800 kg
Pallet changer	2 pallets
Crane	3.2 t overhead crane

Contact



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