



100 %

Hydraulics from Finland

 **ST-Koneistus Oy**

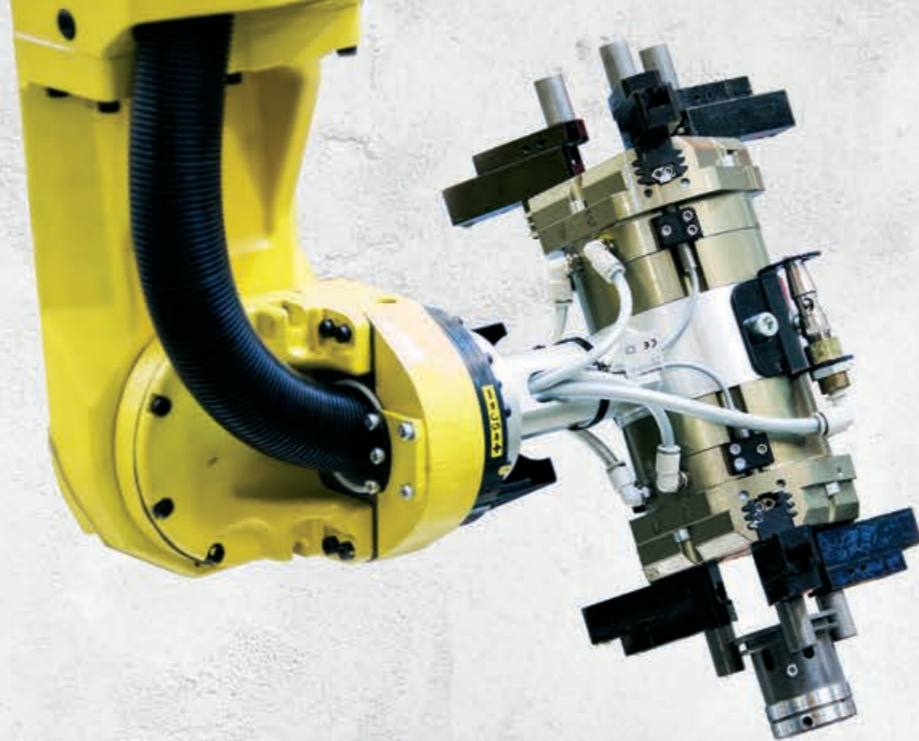
A HIGH-QUALITY FINNISH PRODUCT

at an internationally competitive price

ST-Koneistus is Finland's largest supplier of hydraulic blocks and components specializing in custom special production.

We help hydraulics companies and the machine construction industry to manufacture high-quality end products at an internationally competitive price.

Our family business has nearly 50 years of experience, and is known for its uncompromising craftsmanship, modern machinery and the continuous development of quality, technology and processes.



Specializes in
Key products
Annual capacity
Personnel
Established in

special series of hydraulic blocks and components
subplates, subassemblies, special cylinders and blocks
185 000 blocks and 12 000 cylinders
50
1970

We supply clean and ready-to-use

COMPONENTS

We know the entire manufacturing process from the drawing board to the warehouse floor and negotiation tables.

We're great at solving problems and minimizing costs. That's why we offer design, production, assembly, testing and storage services under one roof. Quality improves, profitability increases and the environment thanks us.



The entire supply chain

UNDER THE SAME ROOF

PRODUCT DESIGN AND
OPTIMIZATION OF PRODUCTION



We choose the best raw materials and solutions to meet the intended purpose of the product and the machinery.

MANUFACTURING
OF PROTOTYPES



We manufacture individual components and custom special productions cost-effectively with the Fast Track proto cell.

PRODUCTION WITH
MODERN MACHINERY



Unmanned machining enables our production capacity to be up to four times more efficient per shift.

ASSEMBLY AND TESTING
IN A CLEANROOM



Each component is assembled and tested in an area separate from the production facilities.

100 % CLEANING AND
QUALITY CONTROL



All our products are cleaned with a TEM-P350 deburring machine.

FAST DELIVERY FROM
OUR OWN WAREHOUSE



We supply products in stock in up to three days from the order.



We have a wide selection of special tools certified by different manufacturers in stock, which ensures fast delivery if any work machinery fails.

We promise

UNCOMPROMISED QUALITY ON TIME

We invest in new operating methods and machinery with an open mind.

We manufacture complex components with high capacity. Unmanned machining allows us to produce top-quality products up to four time efficiently per shift. We promise contract customers that products in stock will be delivered within three days from the order.

The elite of our machinery is represented by Finland's only i-200 ST CNC lathe equipped with a robotic cell and bar feeder, as well as the TEM-P350 deburring machine and robotic cell equipped NC coordinate measuring machine Mitutoyo Crysta-Apex S 9108, which are rare even in the Nordic countries.



High-quality standard products directly

FROM STOCK

Standard products are ST-Koneistus's own production and they are delivered to contract customers within three days. By using our electronic order system you can order our standard products easily and flexibly around the clock.

Order online

24 h

st-koneistus.fi



Single subplates



Monoblocks | parallel circuit



Monoblocks | series circuit



Valves



Cover plates



Flush plates



Conversion plates, adapters
and measurement spacers



Cylinders

ST-Koneistus is proud to present:

MACHINERY

- 18** Horizontal machining centers
- 4** Vertical spindle machining centers
- 11** NC lathes
robotic cells and bar feeders
as automation
- 1** Deburring machine
- 1** Measuring machine

**Mazak Integrex i-200 ST CNC lathe
equipped with a robotic cell and bar feeder**

Even large components produced in one go with one machine.

**Mazak Hyper Quadrex 200MSY CNC lathe
equipped with a robotic cell and bar feeder**

*Quality and delivery reliability for the production of
demanding rotational components.*

New at ST-Koneistus

FAST TRACK PROTO CELL

works on individual components and custom special production in record time.

The Fast Track proto cell is designed for the fast and cost-effective manufacturing of individual orders and custom special production of less than 10 pcs. The best designers are responsible for the programming of the special cell that is composed of three different processing machines. The machining programs are directly scalable for mass production.



TEM-P350 -deburring machine

A modern and effective method for the production of high-quality and burr-free products.



Mitutoyo 3D-Coordinate Measuring Machine

Coordinate measuring machine for the measurement and documentation of products.



End products

SPEAK FOR THEMSELVES

Numerous leading hydraulics and machinery manufacturers from around the world trust in us.

Our mission is to deliver the utmost functional and finished product in a timely manner. Together with the client, we choose the best solutions on a per component basis. Due to CAD/CAM technology, design takes into account both the end product's cost-effectiveness, as well as the optimization of production and raw materials for our machinery.

Our products are used by, for example:



Wave power plants



The automotive industry



Hydraulic platforms
(up to 100 m)



The mining industry



The marine industry



Forestry and paper machines

NISULA
The Future of Efficient Logging



SANDVIK

AVANT



WE ENJOY WORKING WITH LATHES

Each of our products is created in the hands of a skilled and dedicated professional.

All of our employees are personally trained for their duties with the confidence gained from over 40 years of hydraulic expertise.

As is typical of Finns, we are persistent and true to our word. In an entrepreneur-led company, not only is there the personal reputation and legacy at stake, but also those of previous generations.



100 %

Hydraulics from Finland

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We succeed because we specialize. Our personnel's skills, machinery as well as production and assembly facilities are all dedicated exclusively to hydraulics.

Tommi Peltonen

Entrepreneur and owner in the 2nd generation

How can we help?

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