

s4i stairon



Customer orientation, flexibility and reliability represent important values for our company. Our methods of operations are based on honesty and openness.

Stairon Oy (Ltd.) is a forerunner in customer-specific manufacturing of large, demanding and stainless sheet metal products.

We function as a systems supplier for international, large-scale engineering industry enterprises and manufacture overall systems and components, in accordance with customer requirements. Our area of special expertise is complex, bright welded steel materials requiring substantial measuring accuracy, such as manufacturing expertise with acid-resistant, stainless and aluminium sheet metal structures.

As a forerunner in the field, our operation modes include the improvement and development of production and products, improvement in manufacturing profitability, and international cooperation.

Our goals are to create long-term, reliable and responsible customer relationships, based on a win-win situation in which all parties are kept satisfied. We want to be involved as a high-quality, competitive partner in improving the business operations of our customers by bringing them significant cost effectiveness.

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Through many different phases, from Valmet and Metso Paper times to nowadays, Stairon has gained long traditions as a manufacturer of various industrial process equipment.



Products and services

The special area of expertise of our personnel is based on effectively tailoring individual products together with design engineers to ensure the best possible result.

Our core expertise consists of management and control over large international projects combined with our know-how in high-standard technology and the cost effectiveness of our Chinese partners, complemented by our cooperation with various product development organizations. Our products demand professional know-how in handling of large metal-sheet objects, special welding technologies and thermal expansion at all stages of the process.

- Paper machine ventilation
- Timber drying kilns
- Sawmill machines
- Steel- and aluminium structures
- Room ventilation
- Power plants
- Bridges
- Pressure vessels
- Shipbuilding
- Heat pumps
- Filters for the mining industry

Our other products and services are site and installation services for the paper machine industry, manufacturing pulp dryer nozzles at the factory and on site and heat exchange products for enterprises in the field as well as other sheet metal products.

S4i— Stainless For Industry

Stairon Oy and its partner, Sepima Oy (Ltd.), together form the network operating under the comprehensive brand, S4i (Stainless For Industry). Via this partnership, we are able to sell and supply our customers with even wider and higher quality entities than before.

Quality

We take the importance of quality into consideration in the continuous growth of our field of operations. Supplying high-quality products and services to our customers is a matter of honour. The superior quality and precise accuracy of our products and services is ensured by a high degree of special technical expertise, comprehensive machinery, years of successful experience in our field and our considerable flexibility. One of the company's cornerstones of success has been its efficient, high-standard and rapid lead-through time – without any compromise in quality.

Our operations are certified according to ISO 9001 quality and ISO 14001 environmental standards as well as ISO 3834-2 welding and OHSAS 18001 safety standards.

Research & Development

Research and development are matters of prime priority for us. Our enterprise works actively on the international level in cooperation with other workshops and is involved with development projects to gain benefit from the most advanced, highest-quality and most economical production methods for the realization of products.

We continuously emphasize the development of our own production as well as the testing of various methods, product development and effective product and market follow-up. Intensive collaboration with our customers and partners represents an essential part of our operations, improving the fulfilment of customer-oriented requirements.



Aided by our business partners and large production facilities, we are capable of realizing very large, comprehensive entities.



Production

Product manufacturing at Stairon Oy is situated in the Pansio industrial district in Turku, Finland, where we have excellent production facilities in close proximity to our main partners. We operate in production premises totalling 12 000 m², where the maximum lift elevation is 11m and the lift capacity is 40t. We continuously give attention to the upkeep and updating of our production machinery so we are able to offer our customers not only high-quality products but cost effectiveness as well. Aided by our business partners and large production facilities, we are capable of realizing very large, comprehensive entities.

Machinery

- Press brakes
 - Pacific 11m / 5000 kN
 - Jaromet 4,2m / 2200 kN
 - Jaromet 3,5m / 1500 kN
 - Jaromet 4,5m / 4000 kN
- TOX – riveting
- Milling machine 12m (Elgamill)
- Sheet metal blending 12m/1,5mm
- Pickling pool 12,5m (subcontractor)
- Balancing machine for toroidal constructions (Schenk)
 - max. Ø 2500mm
 - max. weight 3200kg
- Hydro moulding
- Large sheet metal workstation

Welding techniques

- Mig/Mag
- Tig
- Plasma arc welding
- Seam welding
- Mechanical welding



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