

PREMEKON

*The professional for
walkways and metal
structures*



Walkways and **METAL STRUCTURES**

Premekon Oy designs and manufactures industrial walkways, stair towers as well as many other types of steel structures. Stairs, ladders, handrails and other walkway components can also be delivered separately. We can deliver walkways on a turnkey basis all over the world with good transport connections.

MATERIAL OPTIONS:

STEEL (painted or galvanized)

STAINLESS AND ACID

PROOFED STEEL (pool pickling)

ALUMINIUM (anodized)

INFO

Premekon adheres to quality assurance systems accredited in compliance with ISO 9001:2008-2015 and ISO 3834-2:2005 industry standards.

Our fabricated structural components and systems are CE Marked to EXC1 and EXC2 in compliance with EN 1090-1:2009+A1:2011 certificates.

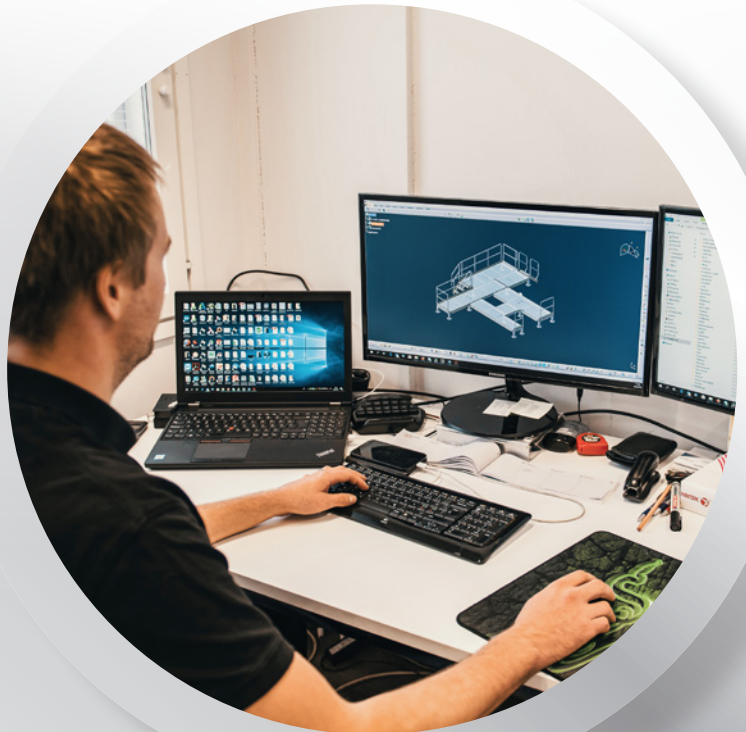
Our PROCESS



Premekon's turnkey solutions – from design to fabrication and installation – allow our customers to optimise their own project management and resourcing processes.

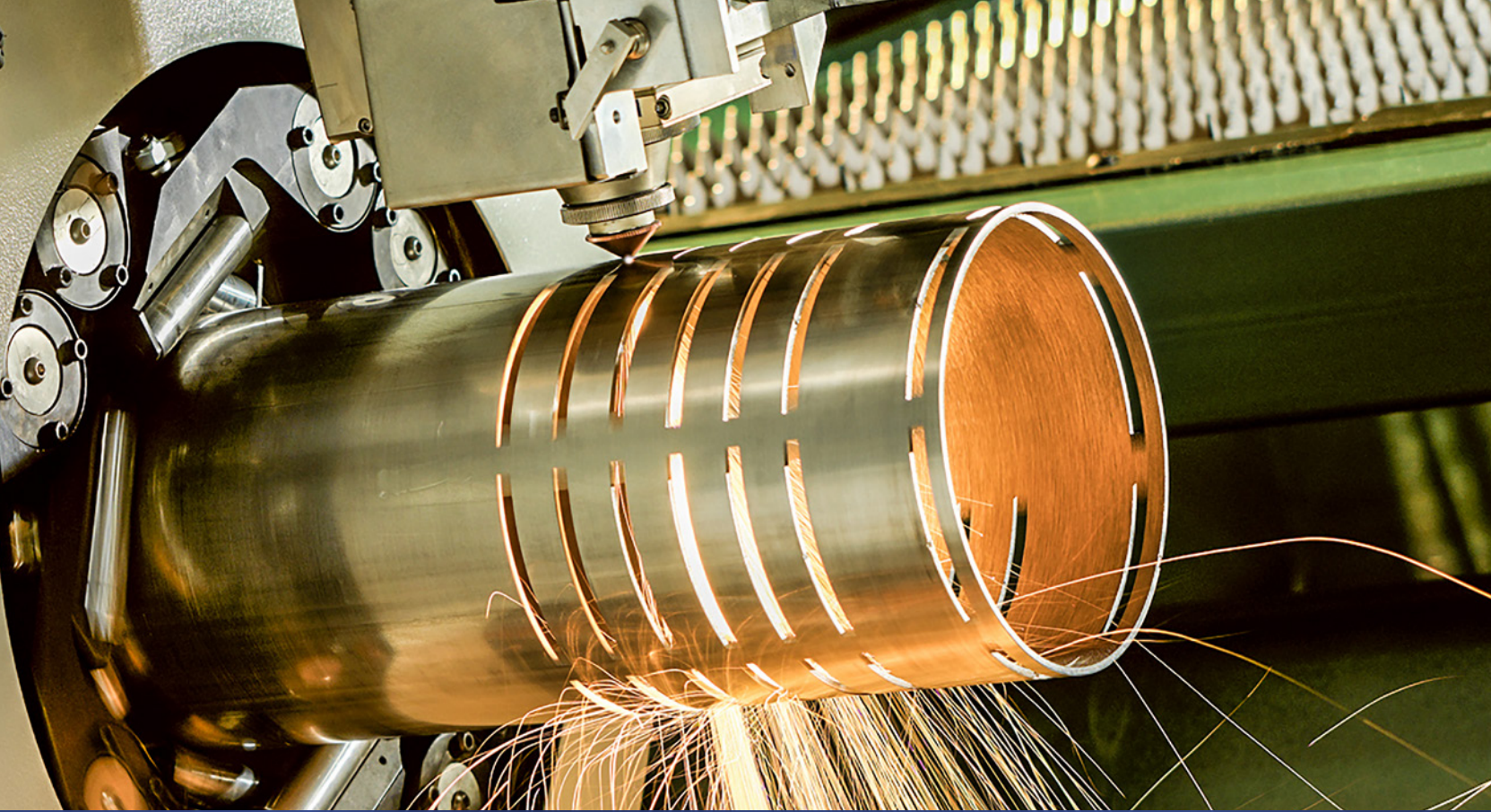
3D DESIGN

Our fabricated structures are designed in a 3D environment in compliance with EN 14122 and OSHA standards. We also observe other regional and site-specific standards whenever required. 3D design allows for accurate collision inspection at the design stage so that amendments related to the structures during installation can be avoided. The designs always include the necessary strength calculations and a comprehensive structural analysis report is provided when necessary.



Laser and PLASMA CUTTING

We use CO₂-laser to cut especially tube and sheet profiles. For example, the fittings of rail pipes are precision cut with a laser, which speeds up the overall manufacturing process. We also use a plasma cutter for efficient processing of thicker materials.



Laser cutting guarantees high precision cut.

Rail **BENDING**

The automatic pipe bending machine allows us to achieve the final shape of a handrail with a minimum amount of welding, which significantly shortens the throughput time.

↓ *Take a look around of our facilities.*

Drilling **LINE**

Support structures and platform structures and frames are produced at our central hall. Steel beams are precision cut at our sawing line, from where they move on to the drilling line and welding. The automatic drilling line at the central hall is capable of perforating the strongest of steel beams.





The automatic drilling line speeds up the perforation of profiles.

KANTAVUUTTA KAIKILLE TASOILLE

Kun tarvitset kantavuutta ja erinomaista turvallisuutta, valitse Finnritilä. Olemme Euroopan johtavan ritilöiden, tasoprofiilien ja askelmien valmistajan, saksalaisen Meiser Groupin tytäryhtiö Suomessa.

Kaikki suunnittelusta toimitukseen. Niin pienissä kuin suurissakin projekteissa. Ritilöiden laajalla käyttöalueella hoitotasoritiloista julkisivuihin.

OTA YHTEYTTÄ.

Autamme valitsemaan valmiin tai räätälöidyn ratkaisun.

info@finnritila.com
017-821 3800
www.finnritila.com

FINNRITILÄ
by MEISER



Satamakatu 8,
2. kerros
74100 Iisalmi

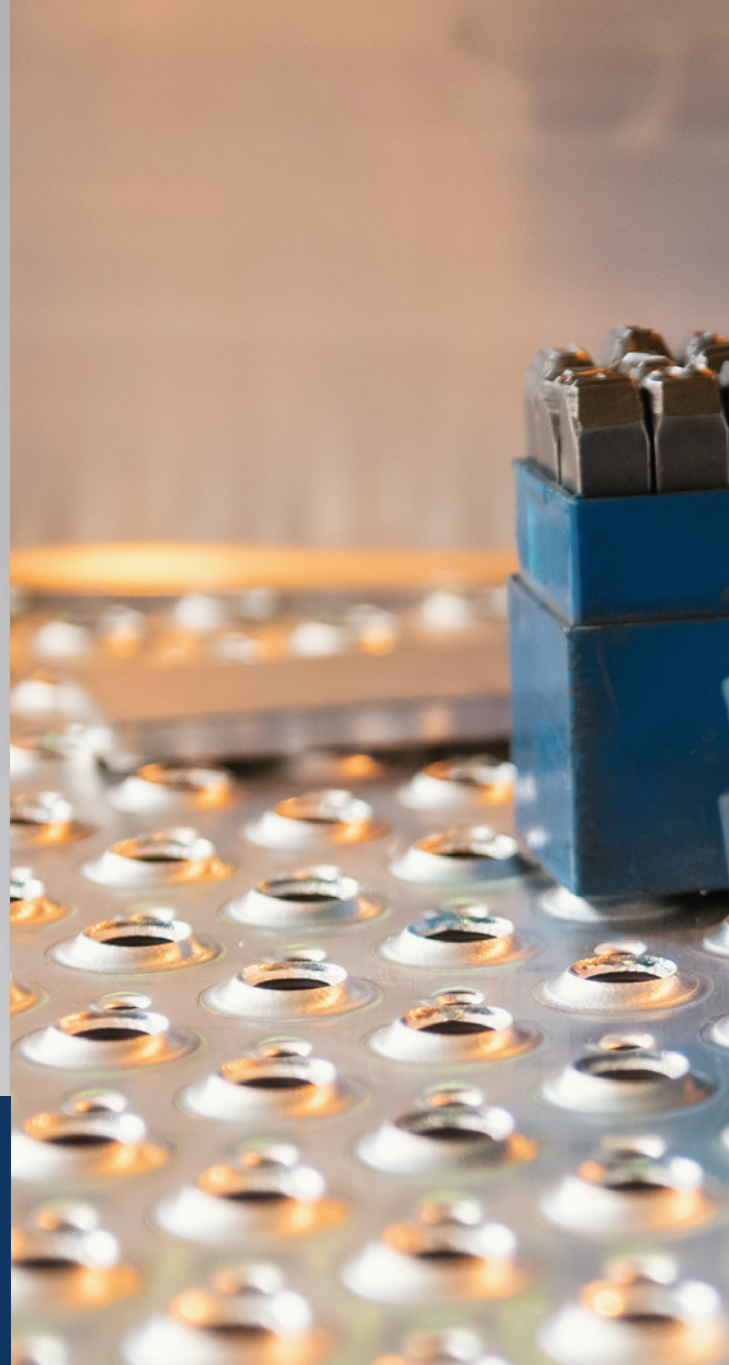
Sandblasting and **PAINTING**

Components move automatically through sandblasting to be painted. The production system reduces manual labour and the throughput time at the finishing stage.

Aluminium **UNIT**

The entire production process for our aluminium platforms and structures takes place from start to finish at our aluminium unit. Most of the aluminium structures and running surface profiles are based on our own product development. The products are mainly used in forest industry plants as part of large machinery lines.

Our aluminium structures are anodised for improved corrosion resistance so that the products perform impeccably in the most demanding of conditions.





With Premekon's own aluminium surface profile, walkways at your facility are safe and secure.



**RAISION
VALMISASENNUS**

Pansiontie 56, 20240 TURKU
puh. 02 272 1210
www.raisionvalmisasennus.fi

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EXC1
EXC2
EXC3
CE





PACKING

We package our products according to the specifications for each project and customer for effortless installation on site. We pre-assemble stairs and service platforms so that grates and steps are already in place when they reach the site, which guarantees speedy installation. We listen to our customers at all stages of production, including packaging. We can tailor the level of pre-assembly for each project separately.

PICKLING

We treat our stainless steel by pickling. The treatment removes any impurities from the surface and protects against corrosion and prolongs the useful life of the products. We use both spray and pool pickling methods.

Premekon handles projects from start to finish without cutting any corners. Every step in the production process, from design to packaging, is carefully planned for efficient delivery, assembly and installation.



www.stalatube.com

STALA
TUBE

**Leading provider
of stainless solutions**



The pickling of polished steel components removes all impurities.



IMATRAN PULTTI OY

www.imatranpultti.fi



The Premekon installation team assembles and erects walkways on site quickly and safely with expertise that comes from years of experience.

INSTALLATION

Our experienced installation team carries out the installation of the end product on site. Our team has many years of experience in installing service platforms on site, quickly, reliably and safety. In large installations projects, we also provide project management and supervision services.



**Asiantunteva,
monipuolinen, kokenut.**

Tilikarelia Oy

Väinö Valveenkatu 2, 3. krs
53900 Lappeenranta

020 749 7340
tilikarelia.fi



Premekon is the proud collaboration **PARTNER OF**

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puh. 045 324 9102 / tilaukset



Premekon Oy
Puusepantie 1
54100 Joutseno, FINLAND

tel. + 358 (0)20 792 0570

asiakaspalvelu@premekon.fi
www.premekon.fi

