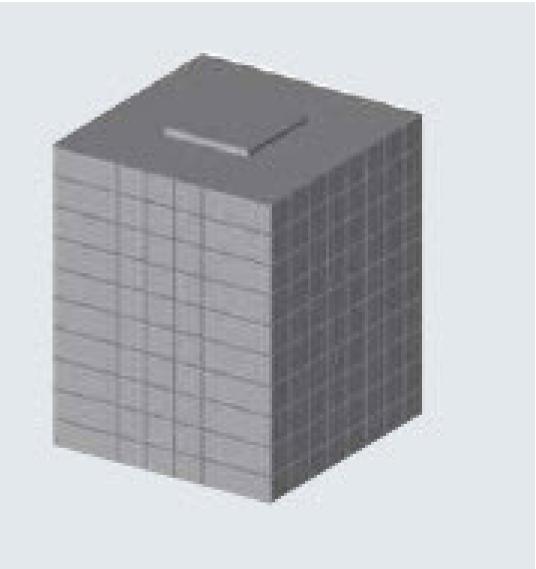




### MODERN METHODS OF CONSTRUCTION





**Building systems and Liune pocket doors** 

ModularLight gauge steel (LGS) panels – Offsite building solutions construction

Multi storey Modular solutions up to ten storey buildings



# NORDIC STANDARD OFFSITE PRODUCTION

We are a Finnish company that manufactures steel products by form rolling and we have been operating since 1980. Over the years our focus has shifted more and more to further processed construction products, such as building systems, wall and façade panels and modular construction. We are a partner for large construction companies and building material manufacturers, and we can serve both professionals and small builders with steel products and off-site construction expertise.







# LGS - LIGHT GAUGE STEEL FRAME AND HYBRID BUILDINGS

#### 01. Production line

Aulis Lundell and his wife Anja originally established the company for designing and manufacturing profile production machines and devices. Innovation and product development was strong already back then, as a result of which over half of our machine base comes from our own production. Nowadays we have two factories with modern production lines and years of experience with quality construction products.

#### 02. Materials

Our main products are different LGS -profiles and building systems. It's the strong base of our production. Over the years we have started to focus on offsite building in order to answer the need for sustainable construction methods and we are constantly trying to improve our solutions. We can proudly claim that the thermotechnical features of our two different patented wall panel solutions are among the best in the world.





## ENERGY EFFICIENCY

Steel as a construction material contributes to the basic goals of the circular economy



- All our buildings are A-energy class, and we aim even higher.
- Our thermal transmittance (U-value) is the best in the world.





## COMPETENCE

### Trying to stay warm since the last ice age.

- Over 40 years of experience building production lines and off-site products ensures fast deliveries.
- Finland is known from our top results in PISA education. That is one of the reasons to why we have highly educated engineers.
- The long and cold winters have forced us to develop the warmest and most energy-efficient buildings in the World. Even in southern Finland we can have -30°C during the winter.



### SUSTAINABILITY

**GOAL:** Environment friendly production lines has been our goal from day 1. And we are committed to carbon neutrality in Finland by 2035 and globally by 2050.

Steel has the highest recycling percentage of all building materials.

- All products have the EPD certificate
- Our steel is 100 % recyclable
- Maintainability of the facades
- Fire safety
- Light and ergonomic material
- Very good acoustic insulation and soundproofing
- 100-year warranty for steel frames
- Plug-and-play assembly on site, no waste



## HEAD QUARTER

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