



# RELIABLE SUPPORT STRUCTURES FOR CONCRETE CASTING

SEPA BRIDGE MOULD SYSTEMS



WE SUPPORT YOU



## SEPA BRIDGE MOULD SYSTEMS IS A RELIABLE SUPPORT STRUCTURE FOR CONCRETE CAST-IN-SITU BRIDGES AND UNDERPASSES

The **SEPA Bridge Mould System** is competitive in many ways. The nail-plate structure makes the support constructions statically stiffer and reduces the deflections of the protruding parts compared to traditional wooden structures that are nailed on-site.

SEPA Bridge Mould Systems are designed by the manufacturer according to the bridge casting requirements and working loads, which makes it possible to optimize scaffolding and other structures. The forms for the bridge deck, beams, and columns can be implemented in the moulds with great dimensional accuracy. This is why the use of installation-ready moulds also makes the work significantly faster and more flexible. Additionally, this helps keep the construction site tidier, as, for example, less wasted sawn timber is created compared to before. **The SEPA Bridge Mould System saves time, costs, and the environment.**





**We have delivered over 800 bridge projects since 2014.**

We want to be a full-service “infrastructure department store”. Our modern machinery makes it possible to solve various technical challenges, and we have the ability and skills to complete even more demanding projects.

**In addition to the SEPA Bridge Mould System, we also offer other products for various projects:**

- CE-certified, strength-graded, PreCut timber
- Pillar mould clamps
- Finger-jointed PreCut timber
- PreCut pressure-impregnated deck boards for timber bridges
- Temporary working platforms / bridges (main module 1,000 x 4,200 mm)
- Temporary worksite bridges (nail-plate structure)





# INNOVATIVE TIMBER PRODUCTS FOR DEMANDING INFRASTRUCTURE CONSTRUCTION PROJECTS

## ENVIRONMENTALLY FRIENDLY QUALITY

Sepa Oy strives to minimize the environmental impact of its operations by optimizing the use of raw materials and by using only responsibly sourced wood.

Our high-quality operations are the result of a reliable combination of our in-house design department, modern production equipment, and skilled personnel. Quality is further ensured through our ISO 9001-certified quality management system, ISO 14001-certified environmental management system, and PEFC-certified raw materials.

## EFFICIENT LOGISTICS IS A MATTER OF PRIDE

Close collaboration between sales, production, and transportation ensures delivery when agreed. This guarantees on-time deliveries to the construction site. Our delivery vehicles can transport structures up to 30 metres in length.

## THE LARGEST NAIL PLATE STRUCTURE MANUFACTURER IN NORTHERN EUROPE

Since 1982, Sepa Oy has delivered over 4 million nail-plate structures. The Sepa Oy factory in Keitele is the largest of its kind in Northern Europe. Its high capacity ensures fast deliveries with good quality, even during periods of high demand. Our high-quality operations are built on skilled and motivated personnel, an in-house design department, and state-of-the-art production facilities.



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