



Case: **Lemminkäinen Betonituote Oy**



Lemminkäinen Betonituote Oy

Lemminkäinen Betonituote Oy manufactures and sells staircase and terrazzo products as well as concrete slabs, stones and outdoor furniture. The company also offers design and installation services in urban environment construction. These services cover concrete and granite paving, wall stones, steps and cladding, and outdoor furniture and plantings

Lemminkäinen Group operates in all sectors of the construction industry: civil engineering, building contracting, technical building services and the building products industry. Lemminkäinen Betonituote Oy is a part of Building Products Division.

Lemminkäinen Betonituote Oy has chosen Planning Efficiency System PES for improving operational efficiency of their staircase production

Lemminkäinen Betonituote Oy manufactures and sells staircase and terrazzo products as well as concrete pavers, kerb units, wallstones and outdoor furniture. The production of concrete precast staircase units contains many variables, loading points and various dependencies between production stages. SW-Development has implemented PES to function beside the used ERP as a tool for production planning.

The need to optimize the whole production was the driving factor behind the purchasing decision of the PES- tool. This meant also the rejection of the various Excel applications used before in work management, and integration of all the data needed in production planning and optimization in one place.

PES is integrated in ERP-system, from which the needed order information is received. The database embedded in PES contains other information needed in production planning, which will also enable the real-time monitoring of production.

PES makes the production planning work easier and it enables optimization of production in different situations taking place in production. With PES, it is possible to optimize larger entities instead of individual resources. Lemminkäinen Betonituote Oy uses the PES tool as a full Manufacturing Execution System (MES) with a possibility to be extended with other PES modules in the future.

More Information:
Sivert Westergård
SW-Development Oy
sivert.westergard@sw-development.com