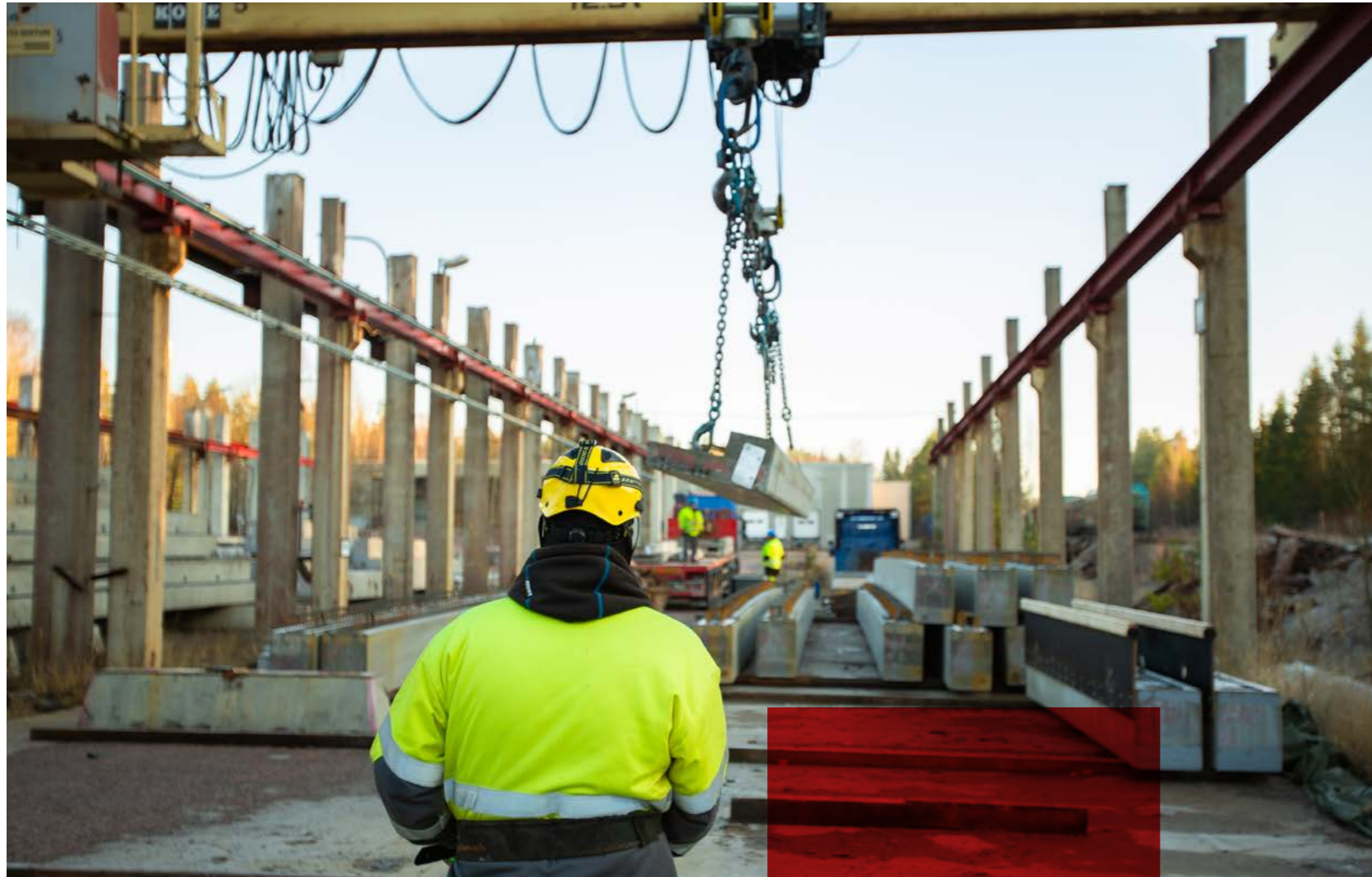


REFERENCE: PARMA OY

# More predictable and systematic approach to crane maintenance at Consolis Parma factories





Konecranes designed a crane maintenance solution for a dozen Parma factories. Systematic, proactive maintenance helps optimize crane maintenance-related measures and investments.

**Consolis Parma is a leader on the Finnish precast concrete industry construction market, specialized in designing and manufacturing high-performance concrete solutions. Operating in 15 locations in the country, it employs around 750 persons. Parma is part of the Consolis Group, European leader in precast concrete.**

**“Future objective is to further improve predictability: site-specific, three-month predictions based on production status.”**

**Jari Rousu,  
Maintenance Manager  
Parma Oy**

### CHALLENGE

Cranes are critically important to Parma’s production, and their availability and safety must be maintained at a high level. In the spring of 2018, Parma’s factories employed around 160 gantry cranes that were maintained in-house or through outsourcing. During maintenance mapping of the factories, it was discovered that there was no clear overview of the maintenance operations, and procedures varied significantly from factory to factory. There was also room for improvement in terms of the transparency and structure of the maintenance of operations.

Parma’s Maintenance Manager **Jari Rousu** took charge of establishing a new crane maintenance strategy. The aim was to find a partner that could service the company’s operations throughout Finland and throughout their cranes’ lifecycle.

### SOLUTION

Konecranes was able to place its nationwide crane maintenance network at Parma’s disposal, including a tailored crane maintenance development path and operating models. The approach was also aimed at the optimization of crane maintenance costs, with yourKONECRANES.com client portal serving as the tool for monitoring crane-specific costs, as well as performed and upcoming maintenance work.

Implementation of the project was carefully planned and coordinated for each Parma factory. Konecranes held training for its service technicians in order to ensure that no compromises are made in terms of safety, and that production continues without hitches during the maintenance work. Key Konecranes personnel also visited each factory, going through the roles and responsibilities of Parma’s employees in daily operations.

Following implementation, every factory holds monthly maintenance reviews. Management-level meetings are also held regularly for charting the status and needs for improving the collaboration throughout Finland.

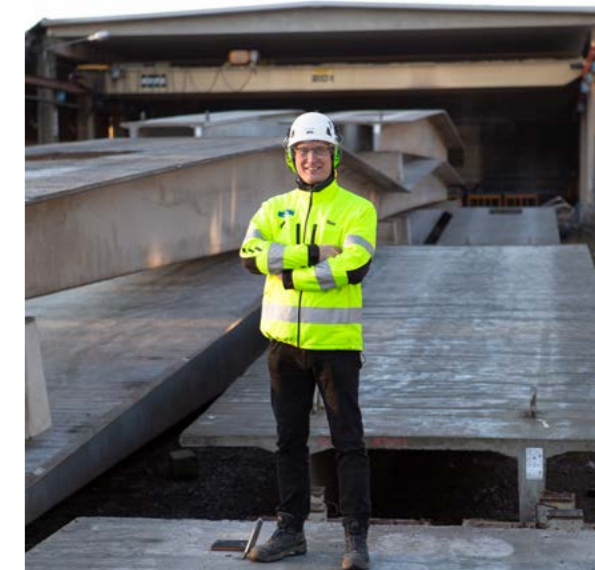
### RESULTS

The partnership, which started in the beginning of 2019, has proceeded according to plans. The overall picture of crane maintenance has become more clear. Systematic, preventative maintenance helps optimize and prioritize necessary maintenance activities based on factory-specific status. The factories are now able to evaluate future investment needs based on data.

The collaboration between Parma and Konecranes has been smooth. “The contact persons understand the life cycle management related to maintenance, and they are actively looking to participate in taking Parma’s crane maintenance to another level. Both parties are looking for long-term partnership that can handle challenges in the business environment. We had to improve the structure and transparency of our maintenance operations in order to achieve future objectives”, Rousu comments.

### BENEFITS

- **Developing occupational safety by highlighting safety deficiencies**
- **Improving the structure and transparency of operations**
- **Uniform management of maintenance operations of a dozen factories through the client portal**
- **Cost predictions thanks to a proactive approach to maintenance**
- **Operating model that reacts quickly to changes in production**
- **Equipment lifecycle management**
- **Root cause mapping and improvement suggestions supporting LEAN management**



Parma Oy Maintenance Manager Jari Rousu

**Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity enhancing lifting solutions as well as services for lifting equipment of all makes. In 2018, Group sales totaled EUR 3.16 billion. The Group has 16,100 employees in 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).**

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**TELL US ABOUT YOUR HOISTING NEEDS. OUR ONLINE TOOL WILL PROVIDE YOU WITH A RECOMMENDATION FOR CRANE SOLUTIONS THAT FIT YOUR NEEDS.**

[konecranes.com/contact-us](https://konecranes.com/contact-us)



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