

SSAB EUROPE OY, RAAHE PLANT

AGILON ENSURES MONITORING AND AVAILABILITY OF SMALL PARTS

SSAB is a Nordic and US-based steel company that operates worldwide. SSAB Europe is the leading Nordic supplier of high-quality strip, heavy-plate and tubular products. The Raahe repair shop develops and provides a range of maintenance and consulting services to suit the needs of factory service and plant production processes.

CHALLENGE

The most important goal of the repair shop at SSAB's Raahe plant was to find a system that would enable more flexible distribution of small parts and more effective monitoring of consumption. A further objective was to strengthen the partnership with suppliers of small parts to ensure that stocks would not run out and that work processes would not be disrupted. Previously, the small parts and personal protection devices that are required for work in the repair shop were stored in a unit that had reached the end of its lifecycle. The device was slow and in need of repairs or overhaul investments.

SOLUTION

Konecranes supplied the repair shop at SSAB's Raahe plant with a smart Agilon material management service that includes a shelving system, a material robot and support services. The shelving system, which was designed to fit the repair shop's premises, is 6 metres long and 4.6 metres high. It has one access station. The system processes boxes of a range of sizes, from matchboxes to house-moving boxes up to 25 kilogrammes in weight. The fixed monthly price of the service includes usage, maintenance, repairs, remote monitoring, remote support and software updates. The Agilon service's modern stock-level monitoring features enable real-time monitoring and maintenance of the stock levels of small parts that the repair shop requires. The quantities of items contained in boxes are updated after each transaction and this information is used to keep the items' stock levels up to date. The Agilon super user defines and maintains balance limits for the items in storage using the Agilon service's management software. This software also allows product user and consumption reports to be monitored. If the stock level of an item goes below the minimum balance, an alert is sent to defined recipients or an automatic goods order is sent directly to the supplier, who can bring the products to the repair shop and store them in the system using their own user account.



Hydraulics fitter Tommi Kemppinen uses the Agilon system at the user access point.



According to the repair shop manager, Mika Kotila, the Agilon system has enabled the consumption of small parts to be monitored effectively. The products are never allowed to run out.



INDUSTRIAL CRANES NUCLEAR CRANES PORT CRANES HEAVY-DUTY LIFT TRUCKS SERVICE CRANES

RESULTS

The repair shop at SSAB's Raahe plant now has an Agilon system that enables small parts to be distributed flexibly and consumption to be monitored. The service is used by more than 400 repair shop and field repair service employees, as well as two suppliers of small parts. The users participated in user training organised by Konecranes, where they learnt to use the service quickly. Agilon has helped to strengthen partnerships with suppliers of small parts. As the ordering process is maintained using the Agilon system, the super user's sole duties are to maintain balance limits, check supplier invoices and monitor product user and consumption reports. It is no longer necessary to take inventories. Completion times

are shorter when employees do not need to wait for parts; they can just pick them up directly from the system. Work can be done more quickly. Users are satisfied as there are always enough supplies and there are no unnecessary interruptions. Thanks to the price allocation and increased visibility of usage and consumption, the consumption of some parts has already decreased. Ensuring sufficient quantities of supplies also serves the repair shop's number one goal of safety in the workplace: appropriate personal safety equipment is always available.




SSAB's repair shop in Raahe has over 400 Agilon users. The system's super user, Esko Sipola, is visible in the background.

AGILON MATERIAL MANAGEMENT SERVICE

- Increases the flexibility and efficiency of the distribution of small parts
- Ensures the availability of small parts
- Increases the efficiency of consumption monitoring
- Handles additional orders using calls to base

Konecranes is a world-leading group of Lifting Businesses™ offering lifting equipment and services that improve productivity in a wide variety of industries. The company is listed on Nasdaq Helsinki Ltd (symbol: KCR1V). With almost 12,000 employees at 600 locations in nearly 50 countries we have the resources, technology and determination to deliver on the promise of Lifting Businesses™.

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