

ABLOY Oy, Joensuu lock factory **PREVENTIVE MAINTENANCE IMPROVES PRODUCTIVITY**

CHALLENGE

Abloy Oy is one of the leading manufacturers of locks, locking systems and building fittings, a world leader in the product development of electronic locks, and a pioneer in tumbler cylinder technology.

2/3 Repairs, 1/3 Preventive Maintenance

Abloy's lock factory in Joensuu, Finland has approx. 650 machines, ten percent of which are highly critical to production. In the past, the factory focused primarily on repairs. Once machine tool maintenance was outsourced to Konecranes Machine Tool Service (MTS), this changed drastically. Their goal was to ultimately lower maintenance costs and increase productivity by shifting focus to preventive maintenance.



SOLUTION



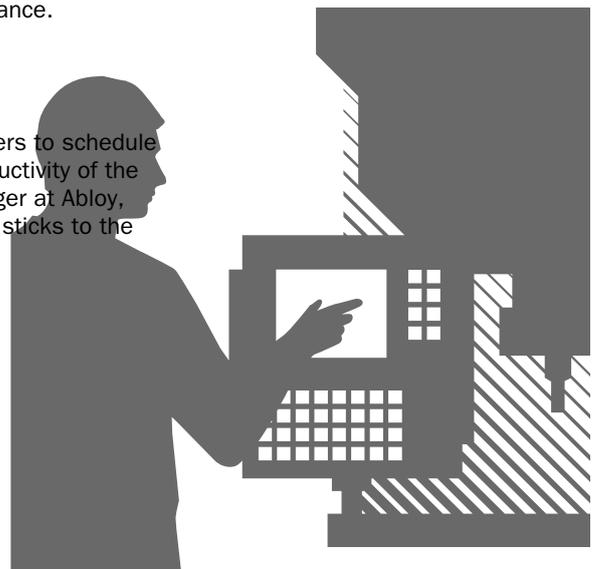
Flipping the Ratio

In Hoping to further enhance the customer's maintenance operations, MTS worked together with the factory to develop a new, systematic approach that was introduced in stages throughout the first six months. Since early 2011, maintenance work has followed a specific annual plan,

which adheres to Konecranes' MTS concept. Rather than focusing on repairs, the goal is to devote the majority of time to preventive maintenance.

RESULTS

The new annual plan allows technicians and production managers to schedule maintenance work three weeks in advance, increasing the productivity of the plant. According to Jouko Rummukainen, Factory Service Manager at Abloy, "Konecranes is a reliable partner that listens to our needs and sticks to the agreed principles."





INDUSTRIAL CRANES: Konecranes is the industry benchmark for safety, reliability, cost saving and productivity-enhancing innovation. Standard and heavy-duty cranes include electric overhead cranes up to 1,000+ tons and explosion-proof cranes and components. Workstation lifting systems feature enhanced material flow with ceiling-mounted monorails and free standing cranes systems, jib cranes and manual lifting products and electric chain hoist up to 7500 kg. Konecranes provides any lifting application in any industry.



NUCLEAR CRANES: With nearly a half century of nuclear crane experience Konecranes is the most seasoned supplier in the industry. Our wide range of products are designed specifically for operation in nuclear applications and our quality control program ensures that each nuclear crane and component is designed, manufactured and installed to the demanding standards of the nuclear industry.



PORT AND PORTAL CRANES & SERVICE: Konecranes designs, manufactures, and delivers large cranes for ports, container terminals, intermodal terminals, shipyards and bulk material handling. We also provide expert maintenance and after-sale support as well as complete crane service worldwide for all types and makes of harbor and shipyard cranes.



HEAVY-DUTY LIFT TRUCKS: Konecranes is a world-leading manufacturer of lift trucks with lifting capacities of 10 to 80 tons. For over 50 years Konecranes has designed and customized trucks for the most demanding applications and continues to offer a wide range of trucks for customers in many different industries. Products include forklifts, reach stackers, empty container handlers, gantry trucks/toploaders.



CRANE SERVICE: Konecranes provides an extensive range of services and unique capabilities dedicated to improving safety and helping your business decrease the cost of downtime and increase the productivity of uptime. We can service any make of crane and hoist. With a global network of maintenance professionals operating from more than 570 service depots around the world, we repair, inspect, modernize and maintain more cranes worldwide than any other company.



MACHINE TOOL SERVICE: As a global leader in machine tool maintenance service, Konecranes offers world-class service on all makes and models of machine tool equipment. From maintenance programs to rebuild, remanufacture and retrofit, we have the knowledge and expertise required to keep your equipment running effectively and efficiently.



PARTS: Konecranes is the OEM for many of the best known brands of hoists and cranes as well as the largest single source supplier for parts of all makes. We have the most extensive inventory in the industry, as well as dedicated in-house parts manufacturing and extensive reverse engineering services to assist you with obsolete and/or not readily available parts. Our expert technicians are always available to help with field installation and support.