

MANUFACTURING

LimaCorporate

Lima Corporate improves production line efficiency and sustainability with Getac tablets

/ Challenge /

LimaCorporate is an Italian global orthopedics firm with a history dating back 70 years, producing state-of-the-art prosthetics and orthopedic solutions that focus on returning "eMotion of Motion" to joint reconstruction patients.

Lima considers digitization critical to its business development, which is why they initiated a dematerialization project across their entire production line, for faster and more traceable operations. To improve data management and production line efficiency, and eliminate a massive volume of paperwork, a reliable and advanced mobile rugged solution, suitable for use on and around their production line, was needed.

/ Solution /

After testing and analysis of various options, Lima chose the Getac K120 fully rugged tablet, with its robustness, shock, and drop tolerances, 12.5" display, integrated barcode scanner, up-to-date operating system, and hot-swappable batteries (enabling use for a full work shift without interruption or data loss) all contributing to their decision.

Another key feature was Getac's standard three-year bumper-to-bumper warranty, as was the K120's accessory hand strap, which doubles as a device stand for easy tablet use while propped up on a workbench.

/ Benefits /

Combined with a software solution integrated with the company's ERP, the K120 has been Lima's primary tool for transforming production steps previously handled on paper, with the reduced manual paperwork and processes leading to greater transparency and traceability during production, as well as improved data analysis, faster document control and production work, and improved corporate sustainability (thanks to the reduced paper use) -- a major priority for Lima.

"For us, ensuring high quality and eco-friendly standards is crucial. Although our production environment is clean, tidy, covered, and temperature-controlled, choosing a rugged solution was strategic to ensure high usability and improve the efficiency of our production process through digitization. After evaluating proposals on the market, we felt that Getac products were reliable and met our application needs."

Manuel Clama, Global IT Director, LimaCorporate



Getac K120
Fully Rugged Tablet

/ Challenge /

LimaCorporate is an Italian global orthopedics firm with 70 years of history, now focused on digital innovation and customized implants. With over 1,000 employees in over 50 countries around the world, the company employs a network of direct subsidiaries and distributors, and three production sites (two in Italy and one in the US).

Lima develops and manufactures custom-made reconstructive joint replacement solutions. Their mission is based on a very specific goal, to restore "eMotion of Motion" for patients, with their strong focus on innovation, training, digitalization, and sustainability as the foundation of this mission.

To improve and speed up production line processes, Lima initiated a dematerialization project that would put in place integrated and tracked information management. Previously, each order was accompanied throughout processing by a paper file, passed from hand to hand across various departments.

This file contained a wealth of information, including processing schedules, drawings, control plans, measurements, and materials used. While Lima's production environment was clean, orderly, and temperature-controlled, they still needed an advanced high-performance user device that could withstand whatever stresses, bumps, falls, or substances may be encountered along the production or CNC machine lines, including dust, oil, or lubricants.

In short, they needed a mobile rugged solution that could support a paperless production process from start to finish, three shifts per day, five days per week.

/ Solution /

Lima had precise needs and technical demands from the start. They identified Getac as their reference brand. Getac provided several tablet models for production department testing, with the fully rugged K120 tablet's feature set proving the best fit, particularly for its updated operating system, ruggedness and resistance to shock and fall, and its MIL-STD-810H and IP66 certifications.

The 12.5" glove-operable touchscreen also proved a difference-maker, providing ample display space for the reading of drawings at all stages of production. Other attractive features included its integrated barcode scanner and two hot-swappable batteries, enabling the device to work continuously for a full work shift (and more) without operational interruption or loss of data.

The K120 was tested by several people, who found the device to be very handy. Users could hold it comfortably thanks to its hand strap accessory, which can also be used as a device stand for easy tablet viewing and usage on a workbench. Vehicle docks were also purchased for forklift mounting, as were external battery chargers for easy 24-hour device use.

Another key Getac benefit was our three-year bumper-to-bumper warranty, standard for our fully rugged models (which can be extended upon request).

/ Benefits /

The K120 provides the right mix of portability and reliability for Lima Corporate, offering production and IT teams a complete picture of both production line and order status.

Combined with a software solution integrated with the company's ERP, the K120 has proven vital to Lima's production line digitalization project and is now handling all of Lima's formerly paper-based tasks without worry.

Lima now has a complete paperless solution for creating and keeping track of all production documentation in digital format, which translates into greater efficiency, control over the correct compilation of work orders, and improved tracking of all information.

Real-time data analysis is also now available that is both accessible and governable by multiple Lima employees. What's more, the elimination of paper is providing vital sustainability benefits, which Lima considers very important. Sustainability had been a tough challenge for them in the past, but it's now providing a great deal of added value, when Lima guarantees the quality of their product.

Lima currently has 30 x K120 units in use, with 20 more soon to be allocated to their Sicilian plant.

/ About Lima Corporate /

LimaCorporate is a global orthopedics company focused on digital innovation and customized implants for joint replacement care. Lima's main goal is to provide surgeons with reconstructive and tailored orthopedic solutions to improve patients' quality of life and restore their joy of movement. Lima offers primary and revision implants for large joints and complete solutions for extremities, including fixation.

