Operating five manufacturing production lines and 14 warehouses for finished products and spare parts

Buzzing though city streets in Mexico, Guatemala, Honduras, Peru, and Panama, the scooters and motorcycles made by Comercializadora de Motocicletas de Calidad (Italika) are everywhere. Since its inception in 2006, the company has grown rapidly and now commands 70% market share in Mexico. Seeking to embrace Industry 4.0 technologies and enhance productivity, Italika looked to digitalize its manufacturing operations. The business wanted to create operational efficiencies and maximize outcomes by integrating core business systems with intelligent technologies.
Italika adopted Industry 4.0 technologies, minimizing downtime with predictive maintenance processes and connected data.

Using the SAP® Manufacturing Execution application, SAP Manufacturing Integration and Intelligence application, and SAP S/4HANA®, Comercializadora de Motocicletas de Calidad (Italika) gained:

- Increased transparency on the shop floor, with detailed insights from a single integrated system
- Greater visibility into its manufacturing processes, enabling it to take appropriate action and resolve issues quickly using comprehensive information generated from root-cause analysis reporting
- The ability to track each stage and user along the entire assembly process, as well as automate functions for backflushing and goods issue
- Statistical control of the production process, with systematized production planning, quality inspections, and adjustment processes – all available on mobile devices
- Big Data analytics during the production process, helping it make more-informed decisions
- Comprehensive reporting functionality throughout the assembly process, with the ability to generate multiple reports on defects, consumption, and operational matters
- Contingency planning capabilities to keep production running in the event of a remote power failure

“Thanks to digital manufacturing applications from SAP, Italika embraced Industry 4.0 technologies, optimizing manufacturing operations with real-time information – enhancing product traceability and production output.”

Mario Fraga, CIO, Comercializadora de Motocicletas de Calidad (Italika)