



Aquiweb 4.0 Customized MES System

JCB AERO

AN AMAC AEROSPACE COMPANY

MES at JCB Aero

We have implemented Aquweb MES software at our Auch plant in order to considerably improve our manufacturing process by:

- Digitization and simplified access to all documentation
- Improved overall efficiency
- Integrated Build of Materials (BOM) traceability
- Process data recording (temperature, humidity, polymerization)
- Reliable SQCDM (Safety, Quality, Cost, Delivery, Management) indicators, displayed in real-time
- Resource optimization (load/capacity matching)
- Production scheduling and monitoring
- Real-time flow management
- Maintenance management



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The Manufacturing Execution System (MES)

Aquiweb MES software is designed for workshop operators. Utilizing this new system allows managers to save up to at least 2 hours a day, enabling them to concentrate on their other activities rather than on collecting and consolidating production data. Aquiweb MES software is both easy to use and implement. It contributes to manufacturers' continuous improvement process.

Thanks to our team's hard work and determination, we had the honor of being selected by the French Minister of Economy, Agnès Pannier-Runacher, as well as 11 companies in the Occitanie region. As a result, we have received funding to modernize and diversify our business.

“JCB is proposing to its customers customized and innovatives products. The design and production is supported by the most modern digital tools.”

Frédéric Dezaudier, COO of JCB Aero

Documentation display

- Operating modes
- Real-time display
- Digitization

Production monitoring

- Overall equipment effectiveness
- Collect data
- Monitor WO
- Scheduling

Quality monitoring

- Management of quality controls
- Key parameters

Traceability & Genealogy

- Product identification
- Product genealogy

Maintenance Management

- Periodic maintenance management
- Preventive maintenance
- Energy monitoring

BENEFITS

For Operators

- Time-saving
- Updated documentation access
- Avoidance of human errors
- Automatic data collection
- Simplified manufacturing process
- Single click access to instruction sheet
- Automatic link to Work Order from Enterprise Resource Planning (ERP)

For Managers

- Work Order & workshop operators' follow-up
- Process data recording (temperature, humidity, polymerization)
- Interconnection with all our system (ERP, SSCI Software for HR digitized needs)
- Total traceability (raw material/ nomenclature, quality control, operators...)
- Updated documentation access
- Real-time vision on the overall production means



43°41'32"N 0°36'14"E

FUNDED BY



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