

Customer Report

December 2019

Transparent information for a simplified management of the coating process 4.0



Transparency of the powder coating process anytime and anywhere. With the COATIFY information and management platform, WAGNER fulfils this wish of a leading contract manufacturer in metalworking. The web-based system continuously provides relevant performance data of the coating system and raises awareness among the workforce for system utilization, cost reduction and highest quality in coating.



J. Wagner GmbH
a Member of
WAGNER GROUP

Otto-Lilienthal-Str. 18
88677 Markdorf
Postfach 1120
88669 Markdorf
Germany
www.wagner-group.com

The challenge:

Fox Laser Ltd is a leading contract manufacturer in the metalworking industry. In Sofia, Bulgaria, housing and profile components of the highest quality and precision are manufactured for renowned suppliers in the automotive, transport and switch cabinet construction sectors.

The increasing capacity utilisation of the company due to its success has led to a doubling of the workforce in the last four years. The growth required expansion of the production facilities to increase capacity. This also applied to the company's surface technology, which was brought up to date at the beginning of 2019. For this purpose a fully automatic WAGNER powder coating system with powder center, booth and ten automatic guns was installed.

The successful company development at Fox Laser requires the continuous hiring of new employees, who have to quickly familiarize themselves with the production facilities. At the same time, costs have to be continually optimized to ensure high production quality and competitiveness. In order to meet these versatile requirements, those responsible at Fox Laser wanted a comprehensive yet easy-to-use process control system for powder coating. The aim of the production manager was to keep an overview of the system anytime and anywhere and to know its status at all times.

The solution:

In the planning phase for the new powder coating plant at Fox Laser, WAGNER Industrial Solutions launched the COATIFY information and management platform. This system exactly meets Fox Laser's expectations for modern process monitoring.

The web-based Internet of Things platform COATIFY visualizes the powder coating process intelligently and continuously. The system's performance data can be captured at a glance on the clear user interface with descriptive diagrams and graphics. Relevant production data are easily prepared and logged, providing the user with a perfect overview of the process. The platform can be accessed via PC, tablet or smartphone and enables secure access to internal production data from anywhere.

"For us, COATIFY came at just the right time. With the continuous provision of important production data on various end devices, we have the possibility to carry out an extremely reliable production monitoring. This improves process reliability and increases productivity," says Dako Lisichkov, Managing Director at Fox Laser. He is convinced that COATIFY is optimally equipped for the future also with upcoming updates and new developments with regard to new coating solutions.



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The customer experience:

After a short time COATIFY has already proven itself in operation at Fox Laser. Thanks to the clearly structured and graphically comprehensible system information, seamless monitoring of production is ensured at all times. Timely information on upcoming maintenance, malfunctions or deviations from individually definable limit values increase quality and system availability and thus reduce costs.

The system operators at Fox Laser can also access the current operating manuals of the systems at any time via COATIFY. If a question cannot be answered on site, the customer sends a service ticket directly to WAGNER via COATIFY. This ticket provides system data and running times of the components electronically. If required, WAGNER service staff can also carry out remote maintenance.

"With COATIFY, we at Fox Laser now have full control over our coating quality and can intervene immediately if a parameter changes. This transparency increases process reliability, which will also have a positive effect on cost accounting," Dako Lisichkov is convinced.

COATIFY optimally complements the coordinated components of the WAGNER powder coating system and thus makes powder coating even more efficient and economical. With COATIFY, WAGNER has created an industry solution with added value that raises production plants in surface technology to a new level in terms of economy, efficiency and process reliability.

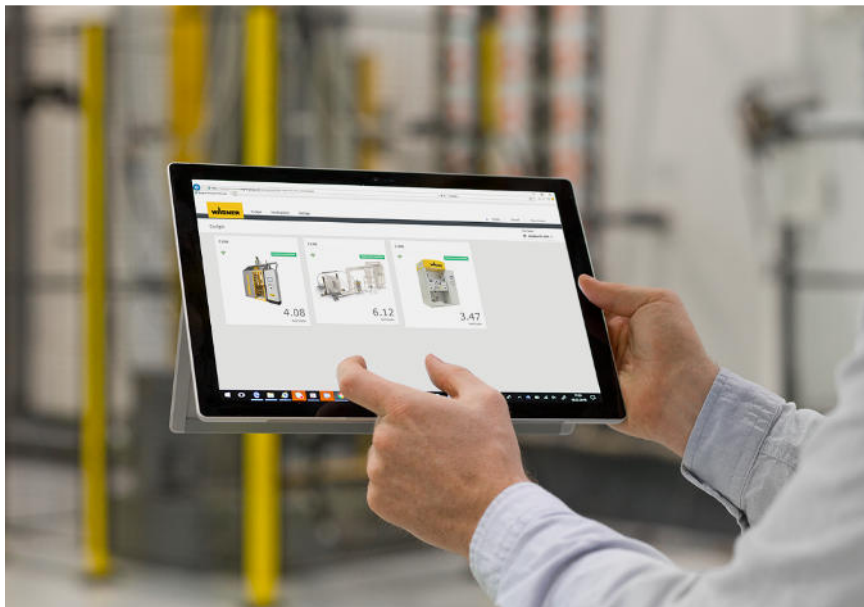


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The WAGNER system with the web-based information and management platform COATIFY represents the latest state of the art in powder coating technology.



COATIFY optimally complements the components of the WAGNER powder coating system and makes the coating process even more efficient and economical.



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Component	Status	Planning date	Last service date	Next service date	Production date
SP1	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP2	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP3	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP4	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP5	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP6	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP7	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP8	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP9	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP10	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP11	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP12	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP13	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP14	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP15	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP16	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP17	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP18	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP19	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018
SP20	OK	18.10.2018	18.10.2018	18.10.2018	18.10.2018

With COATIFY, service measures can be planned in good time in order to increase system availability and thus save costs.



Close-up of an exemplary metal workpiece from Fox Laser after powder coating



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About WAGNER:

J. Wagner GmbH is one of the world's leading manufacturers of equipment and systems for surface coating with powder and liquid lacquers, paints and other liquid materials. The WAGNER Group portfolio also includes bonding, sealing and encapsulation technology including injection moulding with the brands WAGNER, Titan, Walther Pilot, Reinhardt-Technik and CA Technologies. The beginnings of the company go back to the year 1947. Today the innovative coating technologies of WAGNER are used in industry as well as by craftsmen and do-it-yourselfers and set standards in the industry. The WAGNER Group is represented worldwide by around 1,600 employees in 15 operative companies and around 300 agencies. Owners of the WAGNER Group are the Josef Wagner Foundations, which pursue exclusively charitable goals.

More information can be found at www.wagner-group.com