

ABB OPTIFACT SOFTWARE COLLECTS, ANALYZES DATA

OPTIFACT ABB Robotics' modular software platform gives automated production facilities a streamlined tool to perform data collection, visualization and analysis.



ABB Robotics' OptiFact software platform gathers and analyzes data from hundreds of devices, including ABB's robots.

WHAT'S NEW? The OptiFact software platform, which lets users collect, manage and analyze data from hundreds of factory devices — including ABB robots — to determine key performance indicators including cycle time and overall equipment efficiency (OEE).

BENEFITS Increased production line uptime and decreased engineering effort. OptiFact can save up to 25 percent of the time traditionally spent in data collection and analysis, and can increase production uptime by up to 20 percent. And by speeding up diagnostics and decision-making, OptiFact ensures production can keep pace with customer demand.

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3DT'S SYSTEM PREPARES SURFACES FOR BONDING



PLASMA DYNE PRO 100 3DT's PlasmaDyne Pro 100 system etches and micro-cleans the surfaces of materials with low surface energy to improve the bonding of ink, paint, adhesives and coatings. These materials include plastics, rubber, glass, paper, metal and composites. The PlasmaDyne Pro 100 is available with one treating head, available in either a rotating or stationary style. The rotating heads treat an area from 15mm to 40mm wide, while stationary heads treat a narrow area of 10mm to 12 mm wide. The treating heads are easily mounted, making it simple to integrate them with robots, conveyor systems and indexing systems.

WHAT'S NEW? A range of advanced features that enable the PlasmaDyne Pro 100 to monitor performance and preserve production data. Its updated control systems continuously monitor generator parameters, plus it supports remote data collection through Ethernet IP. It also includes a discrete I/O connector for controlling and monitoring the system.

BENEFITS Value and quick availability. By standardizing 3DT's well-established plasma technology, the PlasmaDyne Pro 100 is available for quick production and shipping. The higher surface energy that 3DT systems can impart improves production by providing faster throughput. With the system, manufacturers can make better parts and produce less scrap. PlasmaDyne Pro 100 can operate as a stand-alone unit or be incorporated into a production line, and its advanced technology provides uniform, repeatable surface treatment.

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