HITACHI
Inspire the Next

IMS-Partners and Hitachi deliver high quality QR codes on plated steel for auto maker

SUMMARY

When a new complex seat belt tensioner production cell needed to be developed for a large Japanese auto maker, Automation Engineering knew its distributor, IMS-Partners, and Hitachi inkjet printers wouldn't let them down. With IMS-Partners technicians providing interface and communication integration services Hitachi RX-SD160W printers delivered the quality and reliability levels needed to print QR codes on plated steel.

INDUSTRY
Automotive

CUSTOMER
Automation Engineering

DISTRIBUTOR
IMS-Partners

Automation Engineering

Automation Engineering is a leader in the specialized assembly and testing marketplace. Many organizations in the automotive industry, turn to Automation Engineering for automated assembly or testing systems that improve productivity and increase ROI. Each member of Automation Engineering's team possesses an average of 15.4 years worth of industry specific experience across mechanical engineering, electrical controls engineering, and software development disciplines. Automation Engineering employees bring an unmatched level of expertise to every project.

BUSINESS CHALLENGE

Automation Engineering recently secured a high-profile contract to develop a new production cell for a large Japanese auto maker. The project involved a very complex line to assemble and test seat belt tensioners in which Automation Engineering needed to print a QR Code on plated steel. Having used other printers for some previous applications Automation Engineering wanted to ensure they didn't experience any reliability issues that could negatively affect print quality and production uptime.

> "How did the Hitachi printers perform? Flawlessly. I would recommend them without hesitation for any future project that requires an inkjet printer."

– Chief Engineer
Automation Engineering, LLC

AUTOMATION ENGINEERING,LLC

RESULTS

IMS-Partners successfully integrated Hitachi RX-SD160W continuous inkjet printers into Automation Engineering's seat belt tensioner production cell for Japanese auto maker. The Hitachi printers "flawlessly" print QR codes using yellow and black inks on plated steel and meet stringent quality and reliability levels.

SOLUTION

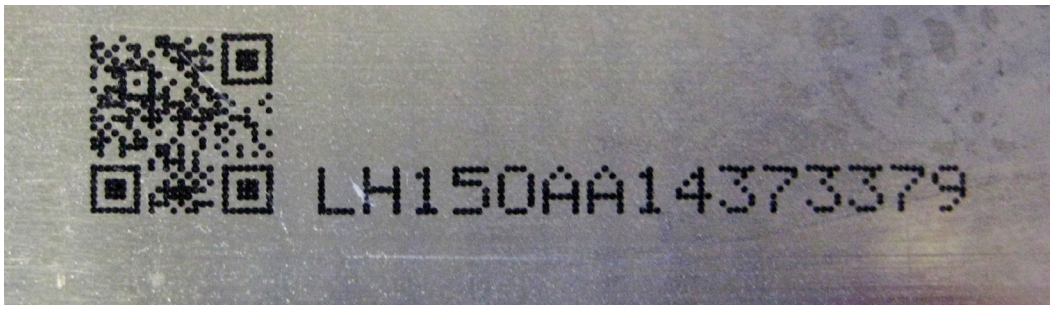
Hoping to avoid the production uptime and quality issues that they experienced with other inkjet printers, Automation Engineering specifically requested Hitachi printers from IMS-Partners for this project. Prior to receiving the order, IMS-Partners executed a sample print run to ensure that the Hitachi printers could perform quality prints on the plated steel substrate. IMS-Partners submitted samples that met the specifications and were accepted by the client. Before implementation, IMS-Partners technicians provided the expertise needed to address some interface and communication requirements, which were easily resolved. Once in production, the Hitachi printer's ease of use, efficiency and reliability met the challenge.

Products Used

Hitachi RX-SD160W continuous inkjet printers

The application is using yellow JP-K307-FT and black JP-K72 inks

Print Sample



For more information visit www.hitachi-america.us/ice/inkjetprinters/ or use the contact information below

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