

JetStream: Driving quality forward

Problem

Customer: Honda of the UK Manufacturing Ltd (HUM)

HUM was established on a 370 acre site in Swindon, Wiltshire in 1985. Car production commenced in No 1 Car Plant in 1992 with an annual capacity of 150,000 vehicles. The capacity was extended to 250,000 cars per year with the opening of No 2 Car Plant in 2001. HUM produces Civic and CR-V models for supply to the markets in the UK, Europe, Middle East and Africa.

The Plastics Operations Department at HUM moulds and paints plastic car bumpers for both new vehicles and the body repair aftermarket. Every day, approximately 900 bumpers are produced and painted.

Benefit: JetStream ensures high quality bumpers.

Case Study: After arriving from injection moulding, bumpers are covered in particles and other manufacturing deposits left over from the process. To compound the problem, the static charge that is inherent in plastic products causes more dirt to be attracted to the surface. Bumpers need to be thoroughly cleaned and neutralised before undergoing painting.

Solution

Case Study Continued: The Meech JetStream ionising air knife system is installed at the start of the bumper paint procedure to clean and neutralise the bumpers before they undergo the primer application stage. The unique design of the JetStream system ensures that dirt does not re-circulate and re-contaminate painted bumpers.

Reliability has never been an issue. The JetStream system always runs smoothly and does its job, ensuring our ability to build high quality bumpers.

Plastics Operations Manager, Honda of the UK Manufacturing Ltd

Fig.



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