AGN4 Automated Match Grinder

Major Fuel Injection System Manufacturer ........chooses the Weldon model AGN4 with turnkey automation for Armature to Pin Match Grinding

System features:
Dual Fanuc 200i 6-axis robots, Schunk dual gripper assembly, SBS automatic wheel balancer, Dittel acoustic emissions sensor, Etamic pre-process and in-process sizing gages, Fanuc 0i TD CNC control, Microcentric precision air chuck

Weldon designed dual robotic automation turnkey with one robot tending the pre-gage station that measures the armature counter-bore depth. The second robot tends the grinder that grinds the pin end face to precisely match the output from the armature gage to a 5 micron total tolerance. Part presentation and exit via pallet tray designed to keep parts in matched pairs.

Weldon Solutions offers a full line of CNC OD, ID, and combination grinders. As a Fanuc Robotics integrator Weldon can also address your machine tending, material removal, material handling, and packaging/palletizing needs.

QUALITY, Over and over again

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Contact Weldon today to find out how a new CNC grinder can enhance your manufacturing operation, and increase efficiency and profitability.