

AGN4 Automated Sleeve Grinder



Major mid-west manufacturer selects the Weldon AGN4 for automated Poppet Sleeve OD and shoulder grinding. Part presentation is via vibratory bowl feeder with load/unload by a 6-axis robot. Parts are discharged to a serpentine carrier that is then used to feed parts in a subsequent operation. The fully automatic cycle under gage control will achieve an average productivity rate of 128 parts per hour while maintaining a 2.0 Ppk quality level on critical attributes.

System features: **Fanuc** tending robot; **Marposs** in-process gage; **SBS** automatic wheel balancer; **Mid West Feeder** vibratory bowl; **Microcentric** air chuck; **Universal Superabrasives** electric rotary dresser; **Fanuc 21i-TB** CNC control.



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Robotics

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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.

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