

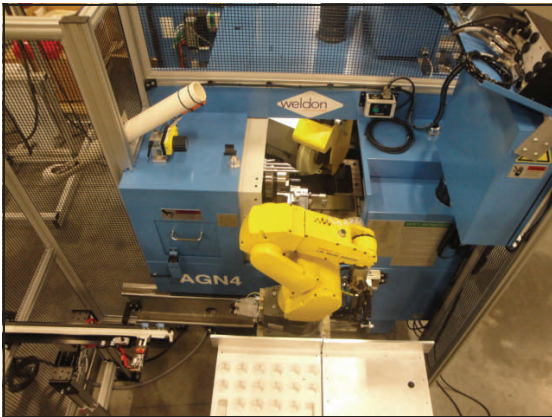
AGN4 Automated Ballnut Grinder

Automotive steering gear manufacturerchooses the Weldon model AGN4 with turn-key automation for electric steer ballnut production in Shanghai, China.

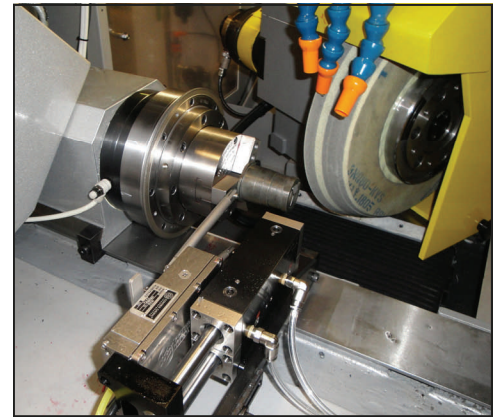


System features:

Fanuc 200i 6-axis robot, **Dorner** powered infeed conveyor, **Schunk** dual gripper assembly, **SBS** automatic wheel balancer, **CGI** in-process sizing gage, **Fanuc** 0i TD CNC control, **Cognex** camera, Barnes coolant filtration system, **Absolent** mist collector, **Northfield** air chuck



This model AGN4 features a Weldon designed robotic automation turnkey. The fully automatic cycle under gage control maintains an OD size tolerance of +/- .008mm at 1.67 CPK in a total cycle time under 44 seconds, floor-to-floor. Raw parts are presented via powered infeed conveyor and finished parts are discharged to pallets for transfer and loading at the next work station.



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