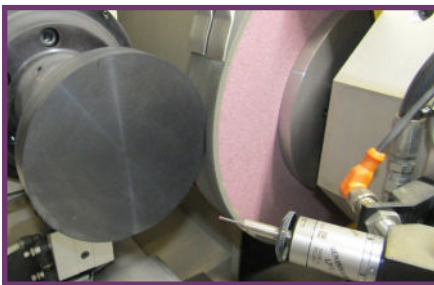


Weldon MIDAS Dual Spindle SiC Grinder



Weldon Solutions has been building CNC grinders for processing Silicon Carbide (SiC) boules (ingots) for over 20 years.

In the Midas platform, an angular approach diamond grinding wheel is used to grind the OD and end face (dome) SiC boule. In the same operation, a sub-spindle with a straight approach diamond wheel is presented to generate (1) or (2) flats to specific angular coordinates relative to the grain structure of the crystal. The results are increased productivity, lower production cost, and consistent high quality.



SiC wafer production costs are greatly reduced with Weldon's unique multi-spindle design allowing OD, Flat, and Face grinding in the same operation. Notching and Angled-Plane End Face grinding can also be incorporated.



System Suppliers include:

ATS collet chuck, **Setco** sub-spindle, **Encyclon** coolant filtration system, **Renishaw** probe, **Gil** electric dresser, **Dittel** acoustic emissions, **Koolant Koolers** tri-circuit spindle/linear motor/coolant chiller, **SBS** automatic wheel balancer, **Heidenhain** linear & rotary glass scales, **FANUC** 32i BT CNC control.



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