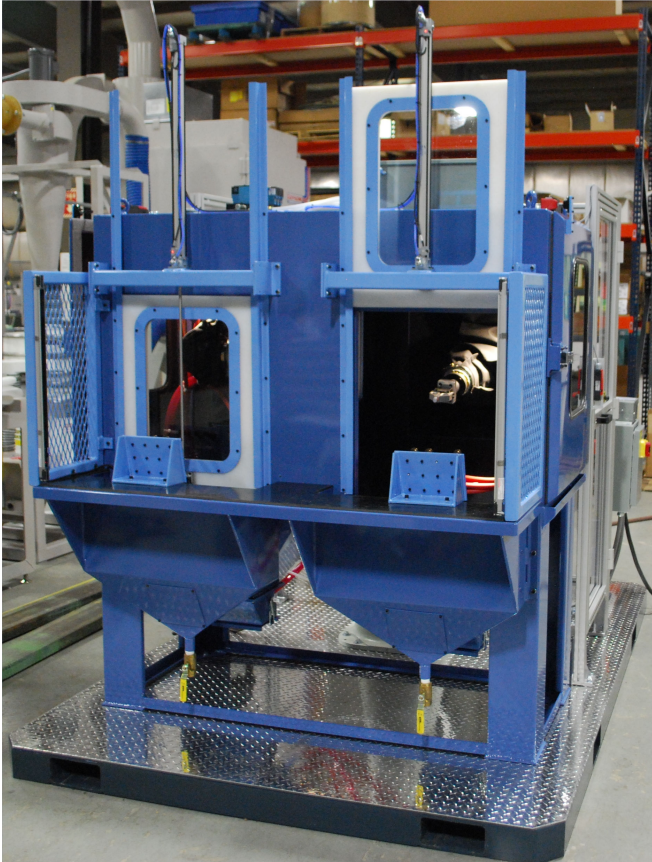




WHERE QUALITY COMES TO THE SURFACE

RB2+2 Dual-Arm Robotic Blast System



A Breakthrough in Automation of Work Cell Surface Treatment of Precision Components

- Yaskawa Motoman SDA10D dual-arm robot accurately manipulates component or blast gun or both
- Two chambers can have different blast guns and/or two media – or a non-blast process – to shrink cell footprint
- Advanced media reclamation options deliver consistent surface preparation results with unwavering uniformity
- Unmanned blasting of tray-load production lots with identical cycle times and Six Sigma quality
- Interface with in-plant material handling equipment, including tray conveyor or pallet system
- Electronic sensors provide feedback on key system functions. Optional SCADA controls package can support process validation and quality audit documentation

The Yaskawa Motoman SDA5D, SDA10D or SDA20D dual-arm robot can be configured a number of different ways in the work cell robotic blast system. Each arm offers 7 axes of dexterous, human-like motion, either working together or performing two simultaneous independent operations.

One arm of the robot can grasp and manipulate the component, while the other directs the blast nozzle. One arm can load and unload parts, as the other is dedicated to the robotic blasting process. A component can be manipulated in the blast from a fixed nozzle, then transferred to the other arm for overall 360-degree blast treatment.

The two-chamber design of the RB2+2 also enables use of other types of tools alongside a blasting process, such as inspection, marking, brushing, etc.

Advanced configurability not only offers tremendous flexibility in design of the robotic blast system to suit your application, but it ensures your equipment investment will be adaptable to future finishing and surface treatment requirements.

