

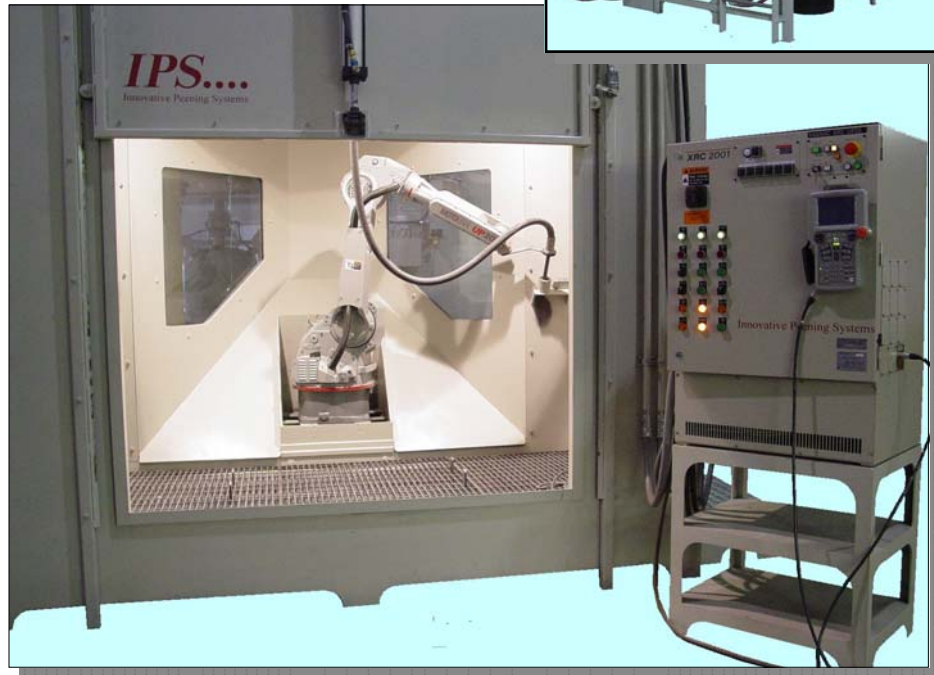
Robotic Plastic Media Blasting System



Innovative Peening Systems

This robotic plastic media blasting system is designed to automatically process a part by using a robotic nozzle manipulator. This system can be used in a wide variety of blasting operations including coating removal, blending and general purpose blast finishes. A teach pendant is used to teach the robot the motion used during the process. The robotic controller has enough memory to store hundreds of individual part motions. The operator can enter the room and teach the robot to move to an infinite amount of given points. The robot can be programmed to use joint axis motion. The system will then repeat the coordinates and joint action commands during the process. The machine is also equipped with digital shot flow controllers and total media delivery and recovery controls. The cabinet is built for durability using 1/2" steel plate construction thus providing for quiet operator operation. The Robot can be interacted with other moving servo motors such as part rotation or automatic part loading. Automatic cartridge filtration with reverse pulse dust collection is provided to allow for clean operations. Mechanical screen classifier keeps the media sized and clean for more precise and consistent processes. This system can be integrated with a other PLC operations and can be upgraded to operate with continuous direct pressure media delivery systems.

Our references include: NASA, General Electric, US Technology, United Technologies, Heitco Aerospace, Shaw Aero, US Military, Caterpillar and Dupont.



...because your part is the most important part

IPS.....

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