

CNC Multi-Purpose Shot Peening System (Suction)

Application: Shot peening of aircraft structural components as per GE, Mil, OMAT, PMC requirement.

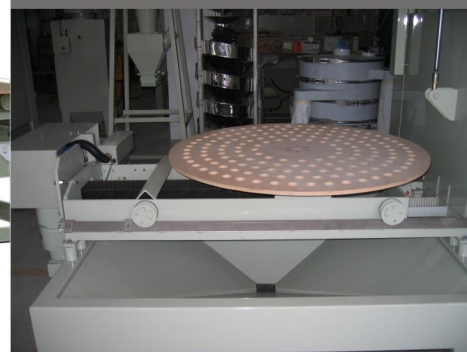
--The CNC Multi-Purpose Shot Peening system is used on many different aviation parts like the aircraft landing gear, turbine rim, etc for both internal and external peening.



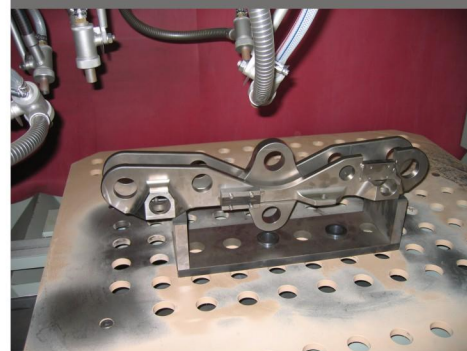
FC Controller



CNC Control Panel



Rotary Left Loading Bay



Right Loading Bay with workpiece

- 2 loading bays: 1 turntable for rotary motion and 1 horizontal motion platform
- CNC controls allows X-Y-Z-a gun oscillation for full automation
- 5 blast guns for uniform external peening via gravity flow system
- 1 rotary peening lance for hole peening
- Magnavalves for digital control of shot flow
- Abrasive elevator ensures that even large sized abrasives are efficiently transported for media recovery
- 4 tier vibratory classifier and spiral separator for optimal selection of shots (size, roundness)