

CNC Systems

Innovative Peening Systems offers choices when choosing the right CNC shot peening or grit blasting machine. IPS has several models that can be mated with nozzle and part manipulators along with the correct controller type. Any of these components can be chosen to make the right shot peening/grit blasting machine for the application at the most competitive prices.

Enclosures

SS Series: Our smallest CNC enclosure 48" wide x 60" deep. Not available with Y axis.



S Series: Enclosure 48 wide x 60" deep. Available peening zone is 32" dia x 42" high.



M Series: Enclosure 74" wide x 60" deep x 112" tall. Available peening zone is 36" dia x 48" high.



ML Series: Enclosure 90" wide x 60" deep x 112" tall. Available peening zone is 42" dia x 48" high.



L Series: Enclosure 100" wide x 66" deep x 112" tall. Available peening zone is 54" dia x 60" high. Horizontal shaft axis option.

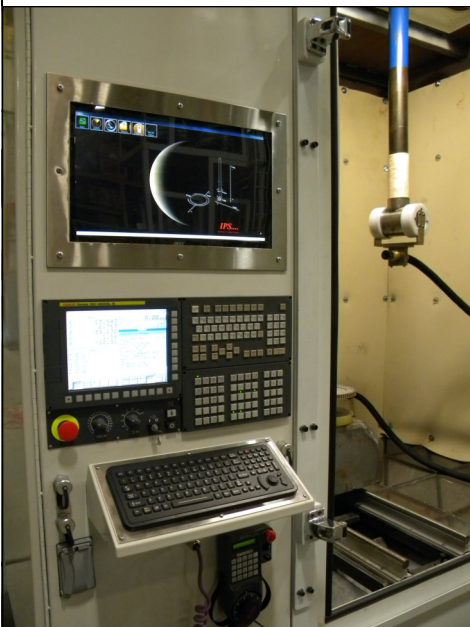


Customized Enclosures



CNC Controllers

- Fanuc 35i.** Max. simultaneous controlled axis per path: 3. Max. controlled axis: 7
- Fanuc 0i.** Max. simultaneous controlled axis per path: 4. Max. controlled axis: 7
- Fanuc 30i.** Max. simultaneous controlled axis per path: 24. Max controlled axis: 32
- CIMCAP.** Passive human to machine PC interface process monitoring software that can be used with any CNC Controller. CIMCAP provides for easy part programming.



Nozzle Manipulator

- Z (vertical) Stroke: 24-60"
- X (horizontal) Stroke: 12-48"
- A (nozzle tilt) 190 degrees
- W (nozzle yaw) 350 degrees

Part Manipulation

- C (table rotation) Indexing or continuous
- Y (table slide) Stroke 12-36"

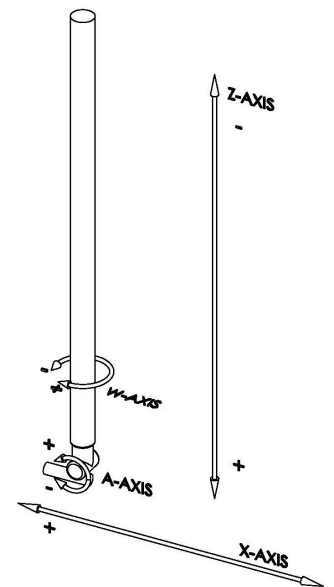
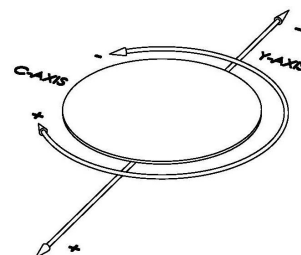
Repeatability

.002 all axis move

Speed:

- Linear: 500 inches/minute
- Rotary: 3600 degrees/min

Axis Options



IPS....

Innovative Peening Systems

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