



Wheelabrator Robot Gripper Machine

The Wheelabrator® Robot Gripper is ideal for handling parts in high capacity blasting environments or for intricate and complex parts that require sensitive blasting or localized blasting effects. This universal gripper system uses a six axis, flexible robot arm for near infinite exposure to the blast wheels. A dust and dirt tight, connectable boot sleeve keeps the robot arm outside the blasting area, away from dirt and blasting particles. The flexible sleeve permits maximum freedom of movement so that demanding blasting tasks can be carried.

Ideal applications include:

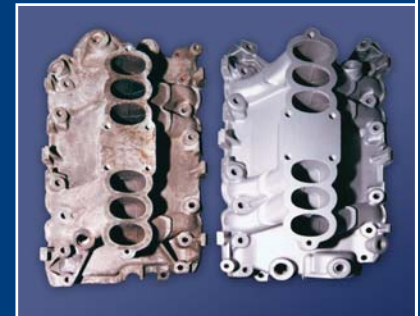
- Die castings
- Foundry casting
- Peening of gears and springs
- Intricate and complex parts

Features & Benefits

- Universal gripper system for:
 - Die cast parts
 - Peening and cleaning of intricate and complex parts
 - Peening of monolithic aerospace parts
 - Foundry casting
 - Parts that require sensitive or accurate blasting
- Programmable system moves workpieces individually from outside the work area into the blast stream of the wheels
- Provides dependable repeatability and a high degree of accuracy
- Allows for specific targeting of blast pattern and controlled blast intensity where critical
- Easily damage areas can be blasted gently and tough to clean areas can be blasted more aggressively
- Freedom of movement of the six-axis robot arm allows for near infinite exposure of parts to the blast wheels and optimum emptying of abrasive from the workpiece
- Robot manipulation allows for integration of additional processes required to finish a workpiece
- Fewer wheels required for 100% coverage
- Negligible abrasive carry out
- Blow-off can be 100% effective
- Defined turning and tilting movements allow for selective blow-off or blow-out of holes or recesses
- Flexible teach systems allows for part manipulation
- Space saving construction
- Safe process with no personnel required - fully automatic
- 100% sealed against abrasive leakage
- Reduced material handling in blasting area - no parts to wear
- Minimal cabinet overspray
- Low noise



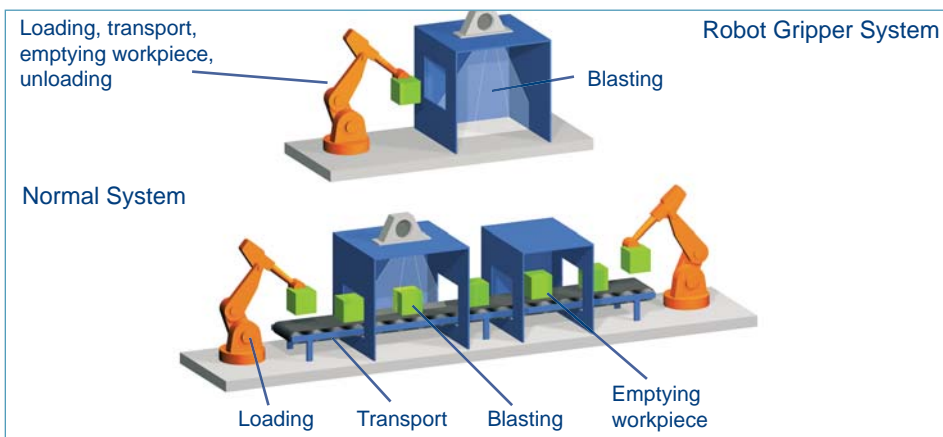
Programmable Robot Gripper



Before and After Images

Subject to technical alterations • 2/07 • © www.wheelabratorgroup.com

technical specifications



For more information please contact

Wheelabrator Equipment Sales
1219 Corporate Drive
Burlington, Ontario L7L 5V5 • Canada
(800) 845-8508 • (905) 319-7930
Fax: (905) 319-7561

Wheelabrator Parts, EMP and Service
1606 Executive Drive
LaGrange, GA 30240
(800) 544-4144 • (706) 884-6884
Fax: (706) 884-0568

info@wheelabratorgroup.com