

# JetCenter

## Automated MicroBlasting System

- Precise
- Consistent
- Flexible
- Robust
- Lean

The JetCenter combines Comco's micro-abrasive blasting technology with an advanced machining platform. This automated system, a more robust version of our Advanced Lathe platform, expands the options for blasting larger parts, or multiple parts simultaneously. It provides the accuracy, reliability and throughput required by today's manufacturing environment.

### Performance Driven

The JetCenter is designed for a production environment. An operator simply selects from several preset programs, loads the parts and starts the blast process. The system protects against accidental improper loading of parts, mismatch of programs or tooling and other errors.

As needs change, additional programs can be easily developed through the user interface or a remote computer using G-code.

- Bright, easy-to-read touch screen display
- Multiple methods to track data
- Supports foreign language commands
- Fast loading and unloading of parts
- Integrated into corporate network
- Quick change between different types of parts
- Travel distance: X- and Y-Axis 13"; Z-Axis: 4"



### Flexible Design

JetCenter configurations can be developed for a wide range of processes. Our expert engineers can design JetCenter systems to meet the exacting standards of the medical, aerospace, electronics, automotive and semiconductor industries.

- Up to four axes of motion
- Capable of handling complex part geometries
- Quick disconnect tooling and vacuum chuck
- Optional bar code reader on network integration
- Tooling and part holding fixtures



# JETCENTER SPECIFICATIONS

Air supply for JetCenter	100 to 125 PSIG (6.9 to 8.6 Bars), 3 SCFM (85 SLM) of clean, dry shop air
*Air supply for AccuFlo model AF10	70-145 PSI (4.8 – 10 bar), 0.2 – 4.6 SCFM (94-2170 cm <sup>3</sup> /sec), Dried to -25°F (-32°C) and oil content filtered to 10ppm
*The compressed air required will vary depending on the number and type of blasters used. The AccuFlo model AF10 requirement is shown as a reference only.	
Dust Collection	1,000 SCFM (28,000 SLM)
Electrical Supply	115V 60Hz, 400 Watts or 230V 50Hz, 400 Watts
Dimensions	53" wide x 53" deep x 70" tall 135 cm wide x 135 cm deep x 178 cm high

## Multiple Blaster Options

The JetCenter has been engineered to operate with any Comco micro-abrasive blaster. The AccuFlo model is most commonly used for single nozzle applications. Multiple AccuFlo units or the PowerFlo are recommended for applications requiring multiple nozzles.

## Engineered for Harsh Abrasive Environments

Working with micron-sized abrasives presents unique challenges in automation. The fine abrasive media can easily enter mechanical parts that are not properly protected.

Over the past 50 years, Comco has developed the skills required to operate moving parts in an abrasive environment, maintaining precision and accuracy for production operations.

- Abrasive resistant components sealed, pressure purged
- Electronics pressure sealed in separate chamber from blasting area
- Downdraft airflow limits overhead slides' exposure



## Comco's Applications Lab

Comco's engineers have the expertise and complete test facilities in our Applications Lab to develop custom processes for your application. Not sure if you need the JetCenter, Advanced Lathe or a simple manual system? We work with you to determine the right solution for your parts processing.

For automation, we then customize that system with special tooling and blast heads to suit your application. We design initial programs for your parts so you're ready for production when the lathe arrives at your facility.

**Contact us today at 800-796-6626 or [sales@comcoinc.com](mailto:sales@comcoinc.com)**

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