MicroBlasting
Accurate, safe and precise material removal and surface alteration.
Versatility

MicroBlasting, or sandblasting on a micro-scale, is one of the most versatile surface alteration and material removal methods available. By simply adjusting the blast pressure, abrasive or nozzle; a Comco blaster easily turns from a tool that cuts vias in silicon wafers into a tool that deburrs the heel of stainless steel needles or a tool that textures bone screws.
Precision
The micro-scale of our finishing technology is ideal for refining and perfecting intricate geometries, delicate materials and small parts that must meet strict industry standards.

How precise?
✓ Create a consistent surface finish to a specific Ra (6-150 μin).
✓ Texture to a 0.007" delineation.
✓ Deburr the ID of a 25 μ capillary tip.

What makes it so precise?
• very fine abrasive (17.5-350 μ)
• small nozzles (0.018" - 0.125")
• angled, extended and custom nozzles
• unique modulated abrasive feed

Control
Control is at your fingertips.
What key variables are adjustable?
• blast pressure
• air and abrasive blend
• nozzle size and type
• abrasive type, shape and size
• working distance from the target
A System for Every Application

For over 50 years of development and refinement, Comco engineers have evolved our core technology into a comprehensive line of MicroBlasting systems— from manual to automated.

What makes Comco systems different?

**Consistency**
Our patented abrasive feed delivers repeatable and consistent results.

**Design**
Our systems feature limited wear points and are built to endure the harsh abrasive environment.

**Easy to Use, Easy to Maintain**
Color-coded components; simple maintenance tracking; ergonomic design and accessible features make our systems a favorite of operators everywhere.

**Flexibility**
Easily transition from manual to automated when ready.

“The AF10-1 AccuFlo® is an amazing machine... I should add that old Comco MicroBlasters don’t die. They just go into semi-retirement for occasional use when the current Comco workhorse is tied up...”

-Thomas Demere, Ph.D.
Curator, Dept of Paleontology
San Diego Natural History Museum
Manual Systems

We manufacture a range of options to suit most any application—from out-of-the-box systems to custom solutions.

Our popular all-in-one manual system

The AccuFlo®, our newest MicroBlaster, and the ProCenter Plus™, our combination workstation and dust collection system, form a turnkey solution to suit most manual production environments.
Automated Systems
Control, precision and versatility for high-volume production.

Smart tooling and an adaptable user interface create a consistent MicroBlasting platform for a wide range of applications. Each system is uniquely designed to guarantee precision and repeatability on your specific part.
Over 50 Years Dedicated to Evolving and Improving MicroBlasting Technology

Since the first award-winning MicroBaster® hit the market in 1968, we have continued to innovate and refine each and every component of our MicroBlasting systems. Every unit is built with our customers’ success in mind and an uncompromising dedication to quality.

Eliminate the Guesswork
Our Applications Engineers have the expertise and the complete test facility to develop and demonstrate processes that improve your product. Contact us today to have your part tested.