

Standard Lathe LA1500

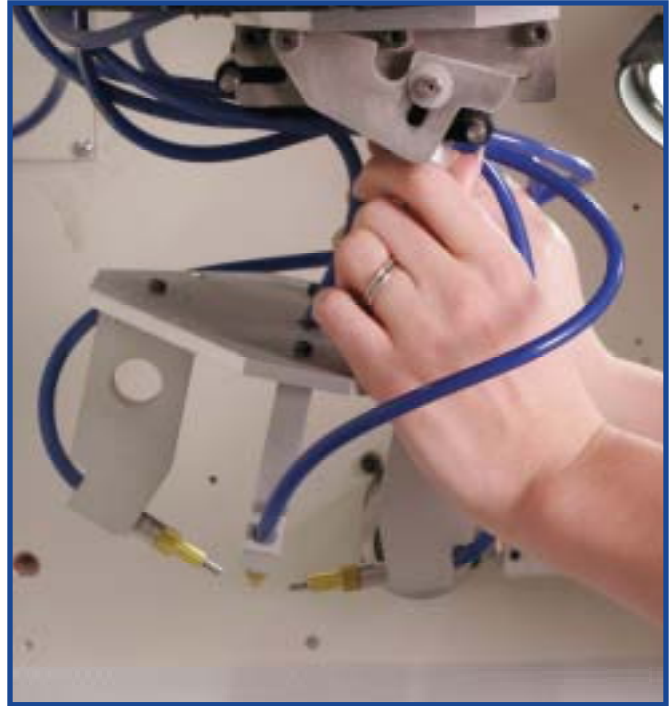
Comco's LA1500 Standard Lathe combines the rotational characteristics of a traditional lathe with the latest in micro-abrasive blasting technology. The LA1500 is ideally suited for abrading parts that require precision material removal, cleaning, or texturing. This self-contained workstation delivers a powerful stream of abrasive in a programmable pattern, ensuring a high degree of repeatability and control.

Spindle speed, blast speed, number of blast cycles, and stroke start and stop positions are easily adjusted to ensure consistent results from part to part. Tooling and nozzle arrays are customized to fit the user's application. Our Engineering Department is available to provide a complete lathe setup and qualification.



Convenient Quick-Change Blast Head

The LA1500 Standard Lathe is the first micro-abrasive blasting system to use quick-connect interchangeable nozzle arrays.



This feature reduces set-up time when performing multiple tasks and eliminates the need to have a separate machine for every application. Customized tooling and Hi/Performance nozzles add another level of flexibility to the system.

DirectFlo Integrated for Better Control

The DirectFlo™ DF1400 micro-abrasive blaster provides the necessary mixture of air and abrasive to the LA1500. The DF1400 is connected to the lathe and attached to the quick disconnect system within the blast chamber. This system allows for easy installation of either the OD or ID blast assembly.

Comco Inc. 2151 N. Lincoln Street / Burbank CA 91504-3344, USA / 818-841-5500
E-mail: sales@COMCOinc.com / Fax: 818-955-8365 / www.COMCOinc.com

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800-796-6626

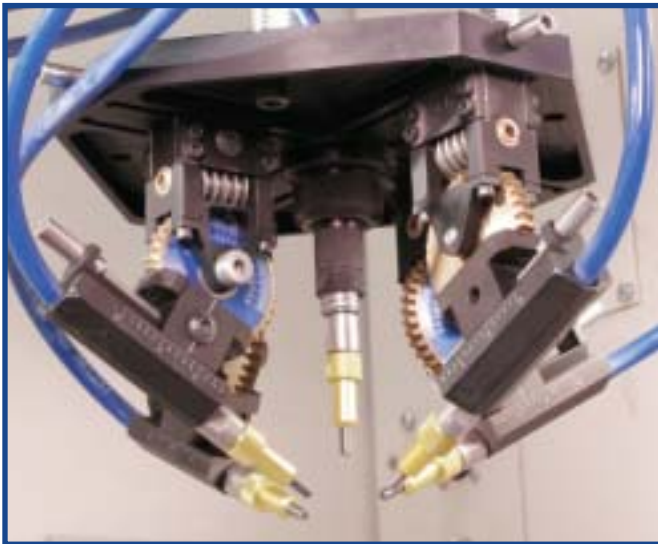
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Fixed OD Head

A fixed head, fabricated for production has set positions preventing the operator from accidentally changing nozzle alignment.

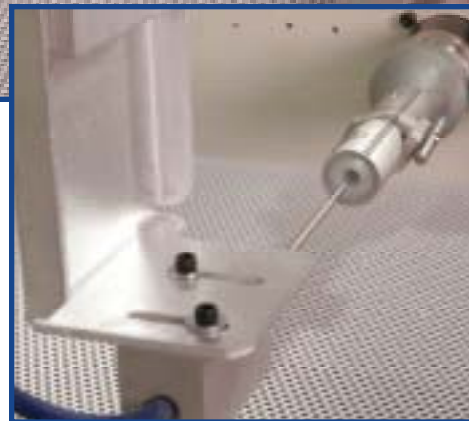
Optional Adjustable Engineering Head

An optional Engineering OD head assembly (shown below) uses screw drive adjustments to accurately position the nozzles and lock them into place. The head uses 13 separate adjustments and locks to establish the critical positioning of the nozzle around the surface of the stent.



ID Head

The ID head uses a long, extended right-angle nozzle to reach inside the stent and remove laser slag from the inside surface. Both heads work in conjunction with specialized mandrels to position the abrasive stream.



LA 1500 Standard Lathe Specifications

Compressed air for LA1500	90 -125 PSIG (6.2 to 8.6 Bars), 3 SCFM (85 SLM), of clean, dry shop air
Compressed air for DirectFlo	Dried to -25°F dew point and oil content filtered to <10ppm
Dust Collection	1,000 SCFM (28,000 SLM)
Electrical	115V60Hz or 230V/50Hz 200W
Dimensions	48" wide x 30" deep x 68" tall (122 cm wide x 76 cm deep x 173 cm tall)

For additional information on Comco's complete line of semi-automated blasting equipment including the LA1500 Standard Lathe, contact us today.

Put our experience to work on your micro-abrasive blasting application!

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