

Be sure about your laser assist gas supply



The right system will improve efficiency and lower costs of your laser cutting operation.



Air Products leverages proprietary technology and decades of industry experience to bring you solutions that no one else can offer.

Whether you have one laser or several, running one shift or around the clock, you need a gas supply system you can count on. Air Products understands your needs and can offer a system optimized for your volumes, purity, and pressure requirements.

There is no one-size-fits-all solution. Talk to Air Products about our range of systems designed with reliability in mind, to improve the efficiency and total costs of your laser cutting operation.

Air Products brings you the expertise to select the ideal gas supply system for your specific needs.

Full range of system options to fit any production situation



Microbulk solution

- Shops with 1 or 2 lasers
- Flow rates up to 5,000 scfh
- Volumes up to 450,000 scf per month



Standard-pressure bulk tank with Chart Trifecta® Gas Supply System

- Shops with 3 or more lasers
- Flow rates custom designed
- Volumes over 450,000 scf per month



Air Products Advanced System for Laser Cutting, an ideal solution for your laser cutting operations

The Chart Trifecta Gas Supply System is the preferred solution for reliable and continuous laser assist gases for delivery pressures up to 450 psi and flow rates up to 15,000 scfh. Drawing liquid from a standard bulk tank, the system boosts the liquid pressure by alternately feeding two liquid cylinders equipped with innovative multi-function pressure building vaporizers. This convenient solution eliminates high-pressure pumps, compressors, cylinder cradles and surge tanks.

With Air Products Smart Technology features, operators can monitor performance based on customized thresholds. Real time alerts will allow for quick resolution of any operation outside of predetermined ranges. Air Products also brings you unparalleled expertise in the installation and best practices for your gas equipment.

- Minimize down time for refilling and maintenance – 20,000 cycle preventive maintenance intervals
- Reduced gas losses compared to other systems
- Equipment and components optimized for reliability
- Identify and address small problems before they become significant issues
- Advanced control system limits unplanned down time
- Smart technology exclusively from Air Products for real time remote monitoring
- Air Products safety and protection features such as rupture disc vent monitoring
- Real time gas usage data for cost itemization and quick problem resolution

Microbulk solution



- 1,500-6,000 L VHP Microbulk tank
- 450 L laserpak

Standard-pressure bulk tank with Chart Trifecta Gas Supply System



- 1,500-13,000 gal. bulk tank
- Chart Trifecta Gas Supply System

Contact Air Products today

For more information on the nitrogen supply options for laser assist gas, call 800-654-4567 or visit airproducts.com/cutting today.

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GENERATING A CLEANER FUTURE