SUPAGAS

YES WE CAN!

SupaLaser Guide

About SupaLaser

At Supagas, the SupaLaser gas product mixture consists of carbon dioxide (CO_2), nitrogen (N_2) and helium (He) as the primary components. The gas product has been developed to effectively apply across industries and industrial applications, for example the gas can be used as a laser resonator gas for laser cutting.

The Process of Laser Cutting

The process known as thermal separation is whereby the gas mixture is applied through a device for example, a laser that emits electric waves. The gas flows through the laser when applied to the material, which heats and penetrates the surface, causing it to melt. The source has now undergone a process known as laser cutting. In practice, laser cutting provides pieces that are finished that do not require further handling such as grinding or drilling holes.

Laser gases are extensively used in the industrial field and commercial business for laser cutting and other industry applications. The evolution of laser cutting continues to explore how applications will work on various thicknesses and process large quantities. Manufacturers continue to evolve laser beams, which provide exceptional focus for cutting edges, thereby, operating on a combination of materials and more.

Supagas SupaLaser gas can be used for various applications and in different industries.

SupaLaser Cylinders available in G size

Application

- Laser Cutting
- 3D Printing
- Sheet Metal Fabrication

Industry

- Automotive
- Architectural and Signs
- Engineering