Giving you more
growth

We're working with agricultural bodies to feed the world using efficient hydroponic farming methods. Luxfer CO_2 cylinders enrich greenhouse environments to create stronger crops and better yields.

A sustainable option to plant growth.

Luxfer cylinders are sold into a broad range of demanding applications with one of our main purposes being to help and create a safer and healthier world.

As our world's population increases at a rapid rate, the amount of agriculture needed to supply this demand cannot fall behind. As the leading innovators in cylinder technologies, we are proud to know that our CO_2 cylinders are used in an alternative and productive way to farm food and diversify crops. This way being hydroponics.

Rather than using soil to grow plants/food, the method of hydroponic farming uses a nutrient solution, allowing for high-volume food production in controlled locations such as greenhouses.

Carbon dioxide (CO_2) is vital in the plant growing process. That is why Luxfer is proud to know that our CO_2 cylinders can be used in these greenhouse environments by enriching the air with CO_2 to increase optimal plant growth.

As the leading innovators in cylinder technologies, we are proud to see our technology serve our communities and the world.

Why Luxfer?

- Luxfer offers a broad range of high-quality, high performance CO_2 cylinders.

- Cost effective: lighter weight and less corrosion results in reduced transportation and cylinder replacement expenses.

- Easy to maintain—brushed aluminium external surface provides low maintenance finish.

- Luxfer is the world's largest manufacturer of high-pressure aluminium and composite gas cylinders for a wide and growing variety of applications.

- Luxfer's business model is based on strong customer relationships, high-performance products for specialist markets, a strong technical base, manufacturing excellence and a commitment to research and development and new product generation.

- Global sales and marketing teams located in Europe, North America, South America, Middle East and Asia Pacific.

- Proven expertise in markets beyond hydroponics including SCBA, Medical, and Industrial Gas.

DID YOU KNOW?

- Luxfer CO_2 cylinders are used in hydroponic farms to enrich the air in greenhouses to increase plant growth.

- Luxfer CO_2 aluminium cylinders are used in the food and beverage industry.