



## Problems with typical nitrogen supply methods

Obtaining or maintaining a ready supply of nitrogen gas can be problematic and expensive. Typical gas supply methods include high pressure cylinders, liquid mini tanks or bulk storage vessels. However, each of these options introduce a range of problems that need to be solved. If you are already using nitrogen in your MAP processes you may be experiencing some of these problems.

When considering nitrogen supplies, a reliable vendor must be outsourced and valuable space in or outside the company premises needs to be assigned for gas storage. Procedures have to be established to monitor and manage the gas supply and arranging deliveries and payment must also be considered.

Additionally, safety and handling concerns need to be taken into account. The cost of addressing these logistical issues can be high and difficult to budget for, while the price of gas and supplier rates change continually. The environmental impact of truck based deliveries is another important consideration for carbon footprint reduction.

The ideal solution lies in a range of gas generation systems from CompAir, which enable users to produce their total demand for food grade nitrogen gas on their premises, under their complete control. As a result companies can generate as much or as little nitrogen as needed, at a fraction of the cost of having the gas delivered by external supplier.

“

Maintaining a ready supply of nitrogen gas can be problematic and expensive. ”