

TruckTyreSaver

Nitrogen Gas Tyre Filling Generator

The cost-effective, reliable and safe solution for inflating large vehicle tyres.

TruckTyreSaver from Parker is a range of compact nitrogen gas generators that produce nitrogen gas from compressed air to offer a cost-effective, reliable and safe alternative to traditional gas supplies such as cylinders.

Nitrogen is used as a clean, dry, inert gas primarily for removing oxygen from products and/or processes. It can prevent tyre deflation caused by oxygen permeation through tyre walls and therefore helps to achieve and maintain correct tyre pressure.

The TruckTyreSaver range is robust, easy to use, compact, and designed to inflate large vehicle tyres such as trucks, buses and large vans with nitrogen gas at the correct pressure and purity.

With high quality compressed air filtration, minimal maintenance requirements and robust design, the range presents a reliable, trouble-free solution with a cost saving potential.



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Features:

- **Operates from a standard compressed air supply**
- **Delivers the right reduced oxygen content**
- **Available in 4 models offering various flow rates and purities**
- **Switches off when not in use**
- **Optional carbon adsorber pre-filtration unit available when air quality does not meet ISO Class 5.5.1 specification**
- **Robust construction**
- **Small footprint**
- **Can be wall-mounted**
- **Easy access for maintenance**
- **Maintenance indication on filters**
- **Membrane technology**

Benefits:

- **Quick return on investment**
Typical pay-back is achievable within 12 months
- **Convenient and safe**
The easy to use system is simple to install, requires minimal maintenance and eliminates safety hazards associated with traditional gas supplies
- **Space saving design**
The smallest truck tyre filling unit in the world requires minimal space
- **Energy savings**
When the generator is not in use it will not consume any compressed air or energy and the pneumatic operation means it requires no power
- **Reduced carbon footprint**
The elimination of cylinder deliveries and transportation means carbon footprint can be reduced



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Product Selection

Performance data is based on 10 bar g (145 psi g / 1.0 MPa) air inlet pressure and 20°(66°F) ambient temperature. Consult Parker for performance under other specific conditions.

TruckTyreSaver 10	m ³ /hr	10
	cfm	5.9
TruckTyreSaver 20	m ³ /hr	20
	cfm	11.8
TruckTyreSaver 30	m ³ /hr	30
	cfm	17.7
TruckTyreSaver 40	m ³ /hr	40
	cfm	23.6

Technical Data

Ambient temperature range:	10 to 40°C / 50 to 104°F
Nitrogen outlet pressure:	up to 12 bar g / 175 psi g
Min. air inlet pressure:	5 to 13 bar g /73 to 188 psi g
Inlet air quality:	Dewpoint: <5°C / 41°F
	Oil: <0.01 mg/m ³
Inlet/outlet connections:	G ¹ / ₂ " / G ¹ / ₄ "

Weights and Dimensions

Model	mm	in	mm	in	mm	in	kg	lb
TruckTyreSaver 10	843.5	33.2	555.5	21.9	154	6.1	35	77.2
TruckTyreSaver 20	843.5	33.2	555.5	21.9	154	6.1	35	77.2
TruckTyreSaver 30	843.5	33.2	555.5	21.9	154	6.1	40	88.2
TruckTyreSaver 40	843.5	33.2	555.5	21.9	154	6.1	40	88.2

A comprehensive range of tyre filling nitrogen generators

Also available:

- TYRESAVER 3.0; a compact and robust hand-held nitrogen generator for small capacity, ideal for cars, vans trailers and motorcycles. 95% purity.
- NITROSOURCE range; industrial nitrogen generators for applications with large capacity such as OTR-trucks. 95% - 98% purity.
- MAXIGAS range; industrial nitrogen generators for high purity applications such as the aerospace industry ≥99% purity
- Special range of tyre filling (TF) MEMBRANE MODULES for OEM (Original Equipment Manufacturer) customers to build their own generator (range). 95% purity

To ensure the best solution is selected, please contact Parker.

Parker has a continuous policy of product development and although the company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact their Parker sales representative for detailed information and advice on a product's suitability for specific applications. All products are sold subject to the company's standard conditions of sales.

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