



HWN90

Truck nitrogen generator

(160L external tank)



Model: HWN90

Product: Truck Nitrogen Generator

Description: In principle, tyres can be inflated with both air and concentrated nitrogen. Tyres with nitrogen are said to have several advantages over simple air inflation. Last but not least, the inflation gas has a positive side effect: the tyre pressure should remain constant for a longer period of time. With the help of nitrogen generators, you can obtain an unlimited amount of N2 for the tyres of any vehicle directly on site: whether motorcycles, cars, trucks, buses or commercial vehicles. The HWN90 is a mobile unit with a storage tank, all you need is a power point to operate the machine.

Features:	Benefits:
Fully automatic	Pre-enter your values, and with a push of a button the machine will automatically inflate your tyres.
Professional energy efficiency management systems	Saves energy.
When the pipe is connected to the tyre, inflate the preset pressure automatically and precisely.	Safe, precise and convenient operation.
Automatically purge and inflate to the tyre which are to be inflated for the first time.	Thus guaranteeing the nitrogen purity inside.
Dedicated chip control.	Precise pressure sensor monitor; safe, reliable and accurate.
Inbuilt Nitrogen storage tank	Uses less floor space
Comprehensive diagnostics and error reporting	The error code will be displayed on the screen and at the same time error light will be on with 3 continuous beeps
	Increased Tyre Pressure Stability: Nitrogen-filled truck tyres maintain more stable pressure over time, reducing the need for frequent adjustments. This stability is particularly important for heavy trucks that carry substantial loads, ensuring consistent tyre performance.
	Extended Tyre Lifespan: Proper tyre pressure is critical for the longevity of truck tyres, which are costly to replace. Nitrogen-filled tyres experience less pressure fluctuation due to temperature changes, reducing the risk of under-inflation or over-inflation and prolonging tyre life.
	Improved Fuel Efficiency: Properly inflated tyres contribute to better fuel efficiency in commercial trucks, which can result in significant cost savings for fleet operators. Nitrogen-filled tyres help maintain optimal pressure levels, leading to improved fuel consumption.

	Enhanced Safety: Consistent tyre pressure is essential for truck safety. Nitrogen-filled truck tyres are less likely to experience sudden pressure drops, reducing the risk of blowouts and accidents caused by under inflated or overheated tyres.
	Reduced Maintenance Costs: Nitrogen generators often include filtration systems that remove moisture and impurities from the compressed air before filling the tyres. This helps prevent corrosion and oxidation of tyre components, reducing maintenance costs.
	Cost Savings for Fleet Operators: For trucking companies and fleet operators, the benefits of nitrogen-filled tyres translate to significant cost savings over the life of their vehicles. Reduced tyre replacements, improved fuel economy, and lower maintenance costs contribute to overall savings.
	Customer Satisfaction: Providing nitrogen tyre filling services for trucks can enhance customer satisfaction, particularly among commercial clients who value tyre performance, longevity, and cost savings.
	Competitive Advantage: Equipping the fitment center with a nitrogen generator for truck tyres sets it apart from competitors that may not offer this service. This can attract more commercial clients looking for the advantages of nitrogen-filled truck tyres.
	Environmental Responsibility: Nitrogen generators typically include filtration systems that improve the purity of the nitrogen gas, making the tyre filling process more environmentally friendly. This aligns with environmental responsibility and sustainability concerns.
	Marketing Opportunities: Promoting the use of nitrogen-filled tyres for commercial trucks can be a marketing advantage, especially when targeting fleet operators and logistics companies looking to optimize their operations.
	Long-Term Investment: High-quality nitrogen generators for truck tyres, with an external 160-liter tank, are built for durability, providing a reliable and long-lasting solution. This long-term investment can offer a high return on investment over the equipment's lifespan.
Training available	Technicians can be professionally trained to use the machine and get the maximum benefit from it.
1 year warranty	The machine will be repaired if there are any factory faults and can be replaced if required.

Spares available	Should you have a breakdown you will not have to wait for your machine to be repaired. If there is anything we don't have, we fly it in directly from the Suppliers.
Operational videos	Technicians can learn how to operate the machine by watching a video, which is easier and more simple than written instructions.

Technical Information	
Temperature range	-20 - 70°C
Power source	AC110V/220V, 50-60Hz
Power	120W
Inlet pressure	10 - 15bar, 1 - 1.5 Mpa
Nitrogen outlet pressure	10 - 12bar, 1 - 1.2 Mpa
Nitrogen purity	95% - 99.5%
Internal storage tank	160L
Packaging dimensions 1/2	900*1600*570 mm
Packaging weight 1/2	200 kg
Packaging dimensions 2/2	45*1600*565 mm
Packaging weight 2/2	80 kg

