

TyreGas 3.3 / 4.1

Filling tyres with nitrogen, beneficial for user and supplier



Nitrogen tyre inflation technology has been used for years by many different businesses to inflate their tyres. But the beneficial properties of nitrogen gas are useful for consumers as well. Filling tyres with nitrogen reduces pressure loss, because it can't diffuse through the tyre wall like oxygen. When tyres are inflated properly they have a lower rolling resistance, resulting in increased fuel efficiency, tyre life and safety through improved grip and handling. Lots of people forget to check their tyre pressure until its visually noticeable and the tyre is already too soft. Nitrogen will keep these tyres under pressure for a far longer amount of time. furthermore, Nitrogen is inert and completely dry, which will protect the inside of the rim from corrosion. Cooler running temperatures and no moisture in the tyre to expand during driving, will even decrease the chance of a blowout.



For a supplier, selling these properties through the use of a nitrogen tyre inflator, is very interesting. Even for smaller suppliers. Distinguish yourself from competitors, increase your customer contacts and loyalty, create more sales opportunities. A well used nitrogen tyre filling installation can be earned back within 6 months to 2 years. The technical lifetime is of course much longer.

The advantages of Nitrogen

- ✓ Reduces pressure loss in tyre
 - ✓ Increased fuel efficiency
 - ✓ Increased tyre life
 - ✓ Increased safety
- ✓ No oxidation of the rim
- ✓ Decreased chance of blowout
- ✓ Environmentally beneficial

Specifications	TyreGas 3.3	TyreGas 4.1
Capacity	50 liter/min	68 liter/min
Cartyres per hour	30	40
Compressed air use	135 liter/min	180 liter/min
Pressure at outlet	Approx. 1 bar under compressed air pressure > maximum 9 bar	
Nitrogen purity	95%	
Dimensions (HxWxD)	60 x 40 x 30 cm (25 Kg)	
270 liter or larger buffer vessel required) (or course available at Avilo)		



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