

NG NITROGEN TIRE INFLATION SYSTEMS



PRODUCT FEATURES

Tire Service Equipment Mfg. Co. (TSI) provides four models of **Nitrogen Inflation Systems** to choose from. These units provide service to any size shop or fleet operation and are available in 5, 6, 12 or 18 CFM capacities. Each Nitrogen Inflation System can be programmed to purge and inflate tires to the specific PSI, cycling up to 9 times while having an operating range from 0 to 145 PSI. Each unit is equipped with a convenient top-off feature.

All TSI Nitrogen Inflation Systems come with quick-lock air chucks on each of 4 hoses as standard equipment. Once a technician connects each of the 4 air hoses to each tire they simply set the programmable control panel to the desired number of purge and inflate cycles, then set it to the specified tire pressure required. Any number of tires, up to four, can be purged at a single setting. The significance in having repetitive purge cycles enables a higher nitrogen rate in the tire once this process is complete.

Manufactured with the highest quality American made membranes and components, all TSI Nitrogen Inflation Systems come standard with a 60 gallon pressure tank. On the NG-6, NG-12 and NG-18 there is an option for a larger 120 gallon pressure tank.

What makes Nitrogen tire inflation so beneficial?

- Nitrogen maintains proper tire inflation pressure longer. Tires inflated with compressed air can gradually lose up to 2 PSI a month thru migration, that's up to 4 times the rate of loss when compared to nitrogen.
- Tire life can improve by up to 25%.
- Nitrogen better maintains tire pressure which can provide up to a 3.3% increase in miles/gallon.
- Nitrogen is void of moisture or oils, so there is no corrosion or oxidation of the wheel rim, inter tire lining or air pressure monitoring device.
- Nitrogen inflated tires run up to 20% cooler than tires filled with compressed air. Cooler tire operating temperatures minimize tire failures and reduce catastrophic blowouts by up to 80%, providing for a safer ride.
- Nitrogen tire inflation increases tire retread opportunities for the commercial truck and bus industries and can reduce tire failures by as much as 80% and give the commercial truck and bus tires up to four or more retread lives.

**NG-6 SPECIFICATIONS: 6 CFM of Nitrogen
625 lbs shipping weight**

**NG-12 SPECIFICATIONS: 12 CFM of Nitrogen
625 lbs shipping weight**

**NG-18 SPECIFICATIONS: 18 CFM of Nitrogen
625 lbs shipping weight**



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NG NITROGEN TIRE INFLATION SYSTEMS



NG-2
Nitrogen Tank Cart



NG-4
Generates 5 CFM of Nitrogen



The **NG-2 Nitrogen Tank Cart** is portable and easily moved to anywhere in the shop to service vehicles. Equipped with four 25 foot hoses and quick lock air chucks, the NG-2 Nitrogen Tank Cart can service up to four tires at one time and only requires each tire to be hooked up once. The fully programmable control unit is then set to the specified tire air pressure along with the desired number of purge cycles. The NG-2 Nitrogen Tank Cart has an operating range of 0 to 145 PSI and is equipped with a top-off feature. This unit will make your nitrogen service simple, fast and economical.

The **NG-4 Nitrogen Generator** with a purge /inflation system is ideal for high volume shops. The NG-4 can be programmed to purge and inflate tires to the specified PSI up to 9 times. This unit has an operating range of 0 to 145 PSI and is equipped with a top-off feature. Equipped with 4 hoses that have quick lock air chucks, the technician only needs to attach the hoses once. Then simply set the programmable control panel to the desired number of purge cycles and the specified tire pressure and the unit automatically completes the service. The NG-4 comes standard with an internal 60 gallon nitrogen storage tank. Tire Service Equipment has several other nitrogen system configurations available to fit for your business, whether you run a motorcycle shop or a large trucking fleet.

NG-2 SPECIFICATIONS without tank:
20" wide x 24" length x 55" height
64 lbs shipping weight

NG-4 SPECIFICATIONS: 5 CFM of Nitrogen
41" wide x 39" length x 62" height
595 lbs shipping weight



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