

# Parker TireSaver™ Nitrogen Tire Inflation Systems

## Commercial Truck and Fleet Models



Model TS34

### Generate Nitrogen On Demand

- Widest flow range available in marketplace to service even the largest commercial truck fleets.
- Heavy duty Parker Hannifin (4) stage filtration provides contaminant-free compressed air. Includes carbon adsorption filter, a must have in any generator installation
- Includes nitrogen membrane produced by Cleveland, OH based Parker Hannifin, with expertise from over 20,000 nitrogen generator installations worldwide
- Includes 60 gallon nitrogen storage tank
- Mobile units available for service truck installations. The Parker Mobile unit is the only unit that can operate in extreme environments without a membrane heater
- Wide variety of options available including auto inflators, valve caps and sleeves, separators, etc.
- Easy installation. Simply pipe in compressed air and pipe out nitrogen

### Reaction from the Commercial Truck and Tire Market

***“Tires last at least 30% longer”***

- Maurice Sanchez  
Brothers Auto Transport  
Fort Lauderdale, FL

***“Every blowout costs \$500.00. Eight months in have not had a nitrogen tire failure”***

- Paul Mincy  
Adams Motor Express  
Carnsville, GA

***“1/10th mile per gallon improvements over air...retreadability increased dramatically” (approximately a 2% improvement)***

- Jim Keiser  
Wood County Bandag  
Bowling Green, OH

***“120,000 miles...loss of 2/32 of treadwear depth.”***

- Paul Hamm  
Winnipeg Motor Express  
Winnipeg, Manitoba



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# Parker TireSaver™

## Nitrogen Tire Inflation Systems

Principal Specifications				
Model	TS20F	TS34F	MTS06	MTS12
N2 Flow @ 97% purity, 145 psig, scfm	12.5	21.4	3.8	7.6
N2 Flow @ 95% purity, 145 psig, scfm	19.9	34	6	12
Maximum air requirement, scfm	46	88	16	32
Compressed air pressure requirement, psig	145 - 189	145 - 189	145 - 175	145 - 175
Maximum compressed air pressure, psig	189	189	175	175
Compressed air temperature range	50°F - 104°F	50°F - 104°F	40°F - 250°F	40°F - 250°F
Ambient temperature	68°F	68°F	68°F	68°F
Nitrogen dew point	-50°F	-50°F	< 40°F pressure dew point	< 40°F pressure dew point
Ambient operating temperature	33°F - 110°F	33°F - 110°F	-30°F - 120°F*	-30°F - 120°F*
Compressed air prefiltration	4 stage including carbon adsorption	4 stage including carbon adsorption	4 stage including carbon adsorption	4 stage including carbon adsorption
Floor mount dimensions	69"H x 24"W x 20"D, 400 lbs.	69"H x 24"W x 20"D, 422 lbs.	42.5"H x 28.7"W x 11.5"D, 200 lbs.	42.5"H x 28.7"W x 11.5"D, 300 lbs.
Inlet/Outlet connection	3/4" NPT / 1/2" NPT	3/4" NPT / 1/2" NPT	1/2" NPT / 1/2" NPT	1/2" NPT / 1/2" NPT
Noise level	<45 dba	<45 dba	<45 dba	<45 dba
Required annual maintenance	Filters and Carbon	Filters and Carbon	Filters and Carbon	Filters and Carbon
Application	Truck Tires	Truck Tires	Truck Tires	Truck Tires
Annual maintenance kit	MK-TS20F	MK-TS24F	MK-MTS	MK-MTS

\* 120°F maximum temperature for intermittent use only. 110°F maximum temperature for continuous use.



TS20/TS34F



MTS06/MTS12



MTS06 Installed on a Service Truck

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