

3,000 PSI NITROGEN CHARGING CART MODEL: HIHPG1-23002



**Up to 50% Cylinder Use
Using HII Gas Booster**



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TWIN CYLINDER NITROGEN TROLLEY

MODEL: HIHPG1-23002

The twin cylinder Nitrogen trolley system is designed to boost directly from high pressure N2 supply cylinders to outlet pressures up to 3000 PSI.

The basic booster is an automatically reciprocating, single acting, single air drive configuration. It ensures full fills even if the supply storage cylinders drop as low as 300 PSI.

The twin cylinder trolley is operated with a low pressure conventional air compressor or from the high pressure nitrogen bottle on the cart. The high-pressure section is cooled by the drive exhaust and operates dry, non-lubricated. In the shop air drive mode, non-contaminated outlet gas is assured because of complete dual vented separation from the drive section.

Leading Particulars

Controls Included:		
<ul style="list-style-type: none"> Air driven gas booster model 5G-SS-30-X-T, single acting single air drive configuration Low pressure air controls (filter, regulator, gauge, and on/off ball valve) High pressure N2 gas control (high pressure regulator, relief valve set at 140 PSI and regulated outlet gauge, dual scale) High pressure pilot cutoff valve set @ 3000 PSI (adjustable) to automatically start/stop the booster when the outlet pressure exceeds set point Outlet safety relief valve set at 3200 PSI (adjustable) Inlet/outlet pressure gauges, dual scale Gas inlet: 1/4" ID x 48" long, 5,000 PSI, S.S. braided hose assembly with CGA gas cylinder connector Fits two bottles, 9.3" in diameter and 51" in height rated to 4500 PSI (bottles not included) 		
Specifications:	Performance:	
Dimensions29"L x 18"D x 47"H Approx. weight 150 Lbs Pneumatic wheels 10.5" Swivel casters 3" Max. outlet pressure 4500 PSI Volume displacement per cycle 3.1 cu-in Four wheel two bottle hand truck. Enables operation upright or at 45° angle for added stability	System pressure after Equalization	Approx. fill rates*
	2500-psi	18.3-scfm
	2000-psi	14.8-scfm
	1500-psi	11.0-scfm
	1000-psi	7.3-scfm
	500-psi	3.8-scfm
* Based on 90-psi shop air and 60 cycles per minute		



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