

4,500 PSI OXYGEN CHARGING CART MODEL: HIHPG1-23031



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



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TWIN CYLINDER OXYGEN TROLLEY

MODEL: HIHPG1-23031

The twin cylinder Oxygen trolley system is designed to boost directly from high pressure O2 supply cylinders to outlet pressures up to 4500 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 500 PSI.

The twin cylinder trolley is operated with a low pressure conventional air compressor or from a high pressure nitrogen bottle. 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-50-0-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 @ 4500 PSI (adjustable) to automatically start/stop the booster when the outlet pressure exceeds set point Outlet safety relief valve set at 4700 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 3000 PSI (bottles not included) 														
Specifications:	Performance:													
Dimensions29"L x 18"D x 47"H Approx. weight 150 Lbs Pneumatic wheels 10.5" Swivel casters3" Max. outlet pressure4500 PSI Volume displacement per cycle1.76 cu-in Four wheel two bottle hand truck. Enables operation upright or at 45° angle for added stability	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: left; padding: 5px;">System pressure after Equalization</th> <th style="text-align: left; padding: 5px;">Approx. fill rates*</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">2500-psi</td> <td style="padding: 5px;">10.5-scfm</td> </tr> <tr> <td style="padding: 5px;">2000-psi</td> <td style="padding: 5px;">8.4-scfm</td> </tr> <tr> <td style="padding: 5px;">1500-psi</td> <td style="padding: 5px;">6.3-scfm</td> </tr> <tr> <td style="padding: 5px;">1000-psi</td> <td style="padding: 5px;">4.3-scfm</td> </tr> <tr> <td style="padding: 5px;">500-psi</td> <td style="padding: 5px;">2.1-scfm</td> </tr> </tbody> </table>	System pressure after Equalization	Approx. fill rates*	2500-psi	10.5-scfm	2000-psi	8.4-scfm	1500-psi	6.3-scfm	1000-psi	4.3-scfm	500-psi	2.1-scfm	
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* Based on 90-psi shop air and 60 cycles per minute														



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