

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



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



HYDRAULICS INTERNATIONAL, INC.

9201 Independence Avenue, Chatsworth, CA 91311, U.S.A.

Tel: +1(818) 718-2462

Fax: +1(818) 718-2459

Website: www.hiigroup.com

The technical information contained on this product sheet is current as of this publishing. Information contained herein is subject to revision without advanced notification from the manufacturer. For the most recent up-to-date information, please contact Hydraulics International, Inc. All rights reserved ©2014 Hydraulics International, Inc.

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> </tr> </thead> <tbody> <tr><td style="padding: 5px;">2500-psi</td></tr> <tr><td style="padding: 5px;">2000-psi</td></tr> <tr><td style="padding: 5px;">1500-psi</td></tr> <tr><td style="padding: 5px;">1000-psi</td></tr> <tr><td style="padding: 5px;">500-psi</td></tr> </tbody> </table>	System pressure after Equalization	2500-psi	2000-psi	1500-psi	1000-psi	500-psi	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: left; padding: 5px;">Approx. fill rates*</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">10.5-scfm</td></tr> <tr><td style="padding: 5px;">8.4-scfm</td></tr> <tr><td style="padding: 5px;">6.3-scfm</td></tr> <tr><td style="padding: 5px;">4.3-scfm</td></tr> <tr><td style="padding: 5px;">2.1-scfm</td></tr> </tbody> </table>	Approx. fill rates*	10.5-scfm	8.4-scfm	6.3-scfm	4.3-scfm	2.1-scfm
System pressure after Equalization														
2500-psi														
2000-psi														
1500-psi														
1000-psi														
500-psi														
Approx. fill rates*														
10.5-scfm														
8.4-scfm														
6.3-scfm														
4.3-scfm														
2.1-scfm														
* Based on 90-psi shop air and 60 cycles per minute														



HYDRAULICS INTERNATIONAL, INC.

9201 Independence Avenue, Chatsworth, CA 91311, U.S.A.

Tel: +1(818) 718-2462

Fax +1(818) 718-2459

Email: sales@hiinet.com

WWW.HIIGROUP.COM

The technical information contained on this product sheet is current as of this publishing. Information contained herein is subject to revision without advanced notification from the manufacturer. For the most recent up-to-date information, please contact Hydraulics International, Inc.

All rights reserved ©2012 Hydraulics International, Inc.