



MODEL HIHPG2-21111

# ELECTRIC DRIVEN BREATHING AIR SYSTEM

This Unit is designed to boost directly from cascade cylinders system to outlet pressures of 6000-PSI. The unit ensures maximum outlet pressure fills even if the supply storage pressure drop as low as 500-psi.

The unit operates and intensifies the gas source by means of an electric motor that transfers mechanical energy through a shaft to a speed reducer and crankshaft mechanism to generate the reciprocating action. This mechanism is directly connected to a double acting gas boosting configuration. Non-contaminated outlet gas is assured through complete dual-vented separation from the drive mechanism. The high-pressure sections of the booster are cooled by an integral cooling fan. Valves and gauges are stainless steel mounted in a powder coated aluminum frame and control panel with valves and gauges panel mounted.

Hydraulics International, Inc.

## SPECIFICATIONS:

Dimensions:	32"L x 20"W x 11"H
Weight:	145 Pounds
Max. outlet pressure:	6,000-PSI
Motor rating:	2-HP, 220-VAC, 12-Amps
Operating Noise level:	65-dBA
Operating speed:	70 cycles/min
Warranty:	1-year

## CONTROLS INCLUDED:

- Gas booster model 2G-B50502-O double acting configuration
- Automatic stop control FACTORY pre-set @ 6,000-psi (adjustable) when the gas outlet pressure exceeds set point
- Automatic stop control FACTORY pre-set @ 500-psi (adjustable) when the gas supply pressure drops below set point
- Remote start/stop switch with a 10-foot cord
- Inlet & outlet ports supplied with 37° Flare, 1/4" outlet safety relief valve set @ 6150-psi (adjustable)
- Gas Inlet/Outlet Pressure Guages
- Hour Meter, 6-digits
- Gas inlet/outlet filters, 5-Micron
- Gas outlet on/off and bleed valves, needle type

## PERFORMANCE:

System Pressure after Equalization	Approx. Fill Rates
2000-psi	12.8-scfm
1500-psi	9.8-scfm
1000-psi	6.4-scfm
500-psi	3.2-scfm

