



MODEL HIHPG3-20103

6000-PSI ACCUMULATOR CHARGING PACKAGE

Hydraulics International, Inc.

This Unit is designed to boost directly from cascade cylinders or a high pressure compressor storage cylinders to outlet pressures of 6000 PSI.

The unit ensures full 6000 psi fills even if the supply storage pressure drop as low as 500-psi.

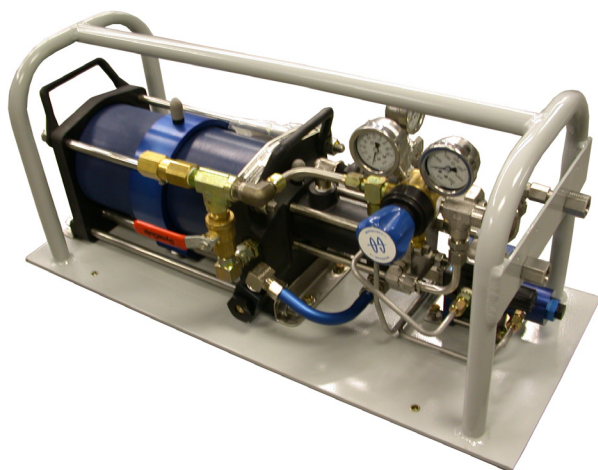
The unit is operated with a low pressure conventional air compressor or "Bootstrap" directly from the High-Pressure Nitrogen storage supply. The high-pressure section of the booster is cooled by the drive exhaust air and operates dry, non-lubricated. In the shop air drive mode, non-contaminated outlet gas is assured because of complete dual vented separation from the drive section. All items are mounted on a painted aluminum tubular frame and dual carry handles with valves and gauges line mounted on to the booster.

SPECIFICATIONS:

Dimensions:	30"L x 12"D x 12"H
Weight:	60-pounds
Displacement per cycle:	3.1 cu-in
Max. outlet pressure:	9,000-psi

CONTROLS INCLUDED:

- Single acting double drive gas booster configuration model 5G-SD-60-X
- Automatic control to stop/start the booster when the outlet pressure exceeds set point; pre-selected pressure set @ 6,000-psi (adjustable)
- Manual start & stop
- High pressure air controls (HP regulator, relief valve, inlet & regulated outlet gauges and on/off valve)
- Low pressure drive inlet port with on/off valve
- Safety relief valve set @ 6,200-psi (adjustable)
- Gas inlet & outlet gauges



PERFORMANCE:

System Pressure after Equalization	Outlet Gas Flow Rate
2000-psi	11.0 scfm
1500-psi	8.4-scfm
1000-psi	5.6-scfm
500-psi	2.8-scfm

