

# NITROGEN GAS BOOSTER PACKAGES

## BLADDER ACCUMULATORS - ACCESSORIES



Most hydraulic accumulators need to be precharged with dry nitrogen gas before operation. Accumulators, Inc. nitrogen gas boosters are designed to boost gas pressure directly from nitrogen cylinders to outlet pressures as high as 10000 psi. Our unit ensures maximum outlet pressure will be maintained even if the pressure in the nitrogen cylinders drops as low as 500 psi.

Our booster is driven by a typical industrial-style shop-air compressor, typically between 70 and 100 psi. If compressed air is not available, the booster can also be driven directly by the nitrogen cylinders. In the shop-air drive mode, non-contaminated outlet gas is assured through complete dual-vented separation from the drive section. The high pressure section of the booster is cooled by the drive exhaust gas and requires no lubrication. Valves and gauges are stainless steel and are line-mounted to the booster, which features a painted, aluminum tube frame with carry handles.

### CONTROLS INCLUDED

- Single acting double drive gas booster configuration.
- Automatic control to stop/restart the booster when the outlet pressure exceeds set point; pre-selected pressure up to 6000 psi (adjustable, depending on model).
- Manual start and stop
- High pressure air controls (HP regulator, relief valve, inlet & regulated outlet gauges and on/off valve)
- Adjustable safety relief valve
- Gas inlet and outlet gauges

### SPECIFICATIONS

- Dimensions: 30"L x 12"D x 12"H
- Weight: 60 pounds
- Maximum outlet pressure: 6000, 7500, or 10000 psi

PART NUMBER	OUTLET PRESSURE RANGE
AI-NGB-6000	0-6000 PSI
AI-NGB-7500	0-7500 PSI
AI-NGB-10000	0-10000 PSI