

# Portable Lightweight Nitrogen Booster

## Specification

The Fawcett Christie portable nitrogen booster has the following features:

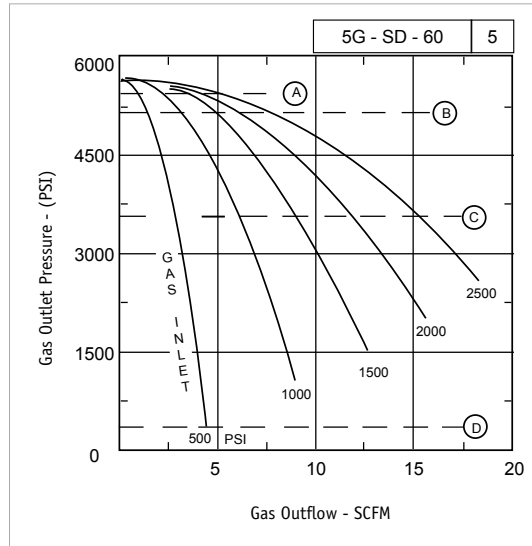
- ◆ Lightweight
- ◆ Robust
- ◆ Intrinsically safe
- ◆ User friendly
- ◆ Versatile
- ◆ ATEX approved

It requires no electricity, only an air supply is needed to drive the booster. It can even be driven by the nitrogen gas i.e. it is selfsupporting.

It can fill accumulators up to 400 bar and nitrogen bottles can be emptied down to approximately 35 bar.

## Technical Details

- ◆ Gas booster model 65385
- ◆ Single acting, double drive section.
- ◆ Note: (1) Maximum safe pressure is based on a minimum 4:1 safety factor on the ultimate strength of the hardware exposed to this pressure.
- ◆ Approximate practical pressures based on 95 psi drive and 50% efficiency with nitrogen gas.
- ◆ Outlet psi 5700 (max)
- ◆ Inlet psi 400 (min)
- ◆ Performance curves based on an air drive source of approximately 95psi 1/2" ID piping



Dashed lines represent approximate air drive consumption.

A = 15 SCFM    C = 50 SCFM  
 B = 20 SCFM    D = 75 SCFM

Safe Pressure		Displacement per cycle Cu.In.	Approx. outlet stall pressure (PSI)	Envelope Dim., Inches	Weight (Kg)
Outlet PSI Max	Inlet PSI Max				
9000	9000	3.1	60 x drive PSI	30(L) x 14(H) x 12(W)	31



Outlet - 1/4" BSP  
 Inlet - 1/4" BSP

Part number: 65385