



RENTAL DIVISION

IN PARTNERSHIP WITH METNOR GREAT YARMOUTH

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AIR OPERATED GAS BOOSTER PUMPS

The Hydratron range of air operated gas booster pumps are designed to boost bottled gases such as air, nitrogen, helium, hydrogen* or methane* up to higher pressures. They can be used for pressure testing or for pre-charging accumulators and down hole tools. Being air operated they are inherently safe and can be used in fire hazardous areas.

The output pressure and flow generated by these versatile pumps can be infinitely varied by simply adjusting the air drive pressure and flow rate.

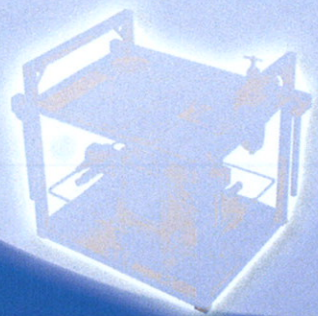
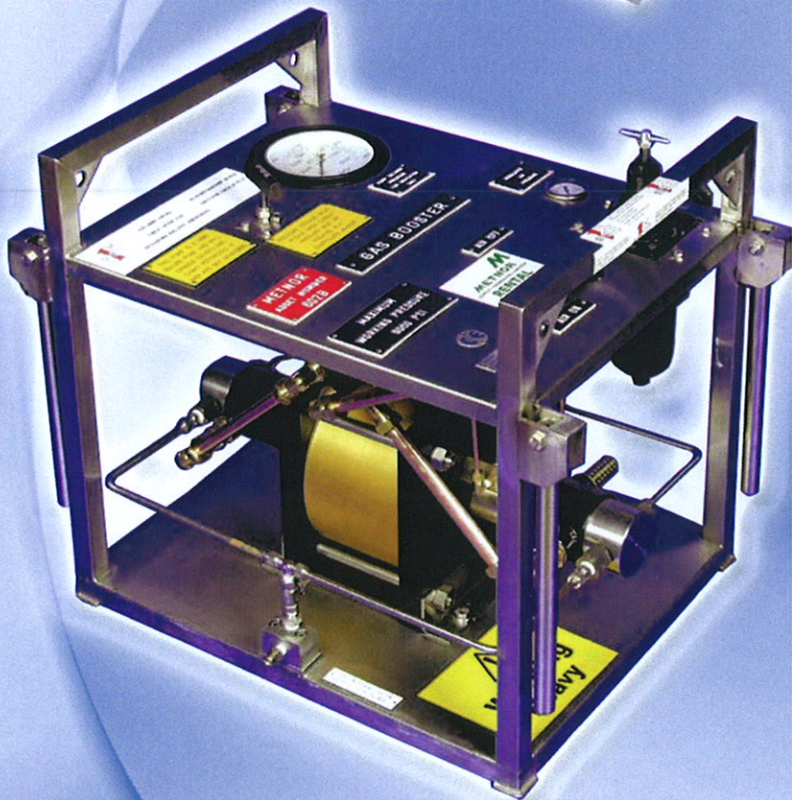
** When using a Hydratron gas booster to boost methane or hydrogen, the unit must be sited in a safe and well ventilated area and the threaded vent piped away to a controlled environment.*

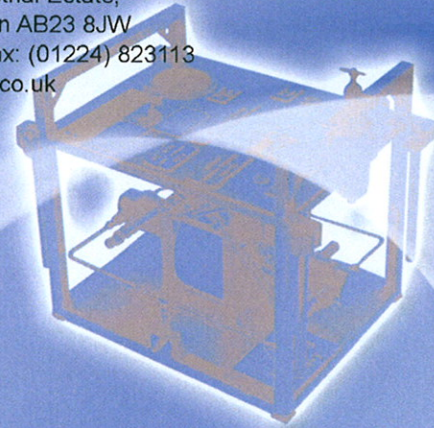
> 9000psi or 21,000psi models available.

Standard equipment

- Air filter, lubricator, pressure regulator, pressure gauge and pump start/stop valve
- Inlet fluid strainer
- 6" (150mm) diameter panel mounted pressure gauge
- Pressure release valve

All pumps are fitted with stainless steel hinged carrying handles.





Technical specifications

Type	Model	Max Output Pressure		Piston Displacement Per Cycle		Max Compression Ratio	Supply Pressure Required to Achieve Max Output Pressure		Actual Output Pressure (Stall Condition)
		PSI	Bar	cu.ins	cc		PSI	Bar	
DA	GB66D	9,000	620	8.0	131	15.1	2,400	165	66PA + PS
DA	GB186D	21,000	1,448	3.00	49.2	15.1	2,400	165	186PA + PS

DA = Double Acting

Typical performance chart

Type	Model	Example No.1						Example No.2					
		Inlet Pressure		Outlet Pressure		Flow		Inlet Pressure		Outlet Pressure		Flow	
		PSI	Bar	PSI	Bar	SCFM	N Ltr/m	PSI	Bar	PSI	Bar	SCFM	N Ltr/m
DA	GB66D	500	35	4,000	276	5.86	166	2,000	140	4,000	276	31.5	892
DA	GB186D	1,000	69	10,000	690	4.82	136	2,500	172	10,000	690	16.4	464

The above stated flow rates are approximate and assume that a 100 PSI (7 Bar) air supply is available at 120 SCFM (3400 N Ltr/min) for the 'D' models