

# Helium / Nitrogen Boosters Systems

## Models J23625, J23284 and J24796

Haskel Helium / Nitrogen Gas Booster System centers around a Haskel 8" Drive Air driven Gas booster compressor capable of delivering high pressure and high flows of gas to enable optimum completion of the task in hand.

The system is designed compress helium or nitrogen gas, from gas cylinder supply at 200 bar g (2900 psi) decreasing to 10 Barg (145 psig) and boost it up to up to 1,000 Bar (14,500 psi) depending on the model selected.

There are three standard models, each model having differing performance and maximum pressure capabilities as detailed over leaf.



**Model J23284**  
**Approx. Weight 96 kgs.**

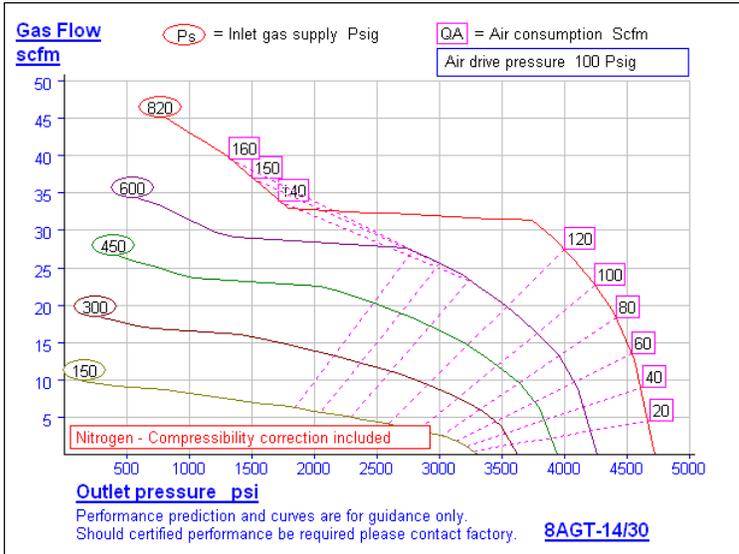
Each system is delivered as complete unit mounted within stainless steel robust roll bar frame, with stainless steel control panel. The panel is finished with colour a coded engraved mimic diagram for ease of operation. Mounted on the panel are gas safety pressure gauges, pressure controls and isolation valves.

Gas cooling comes from the air exhaust from the drive section making the system easy to install.

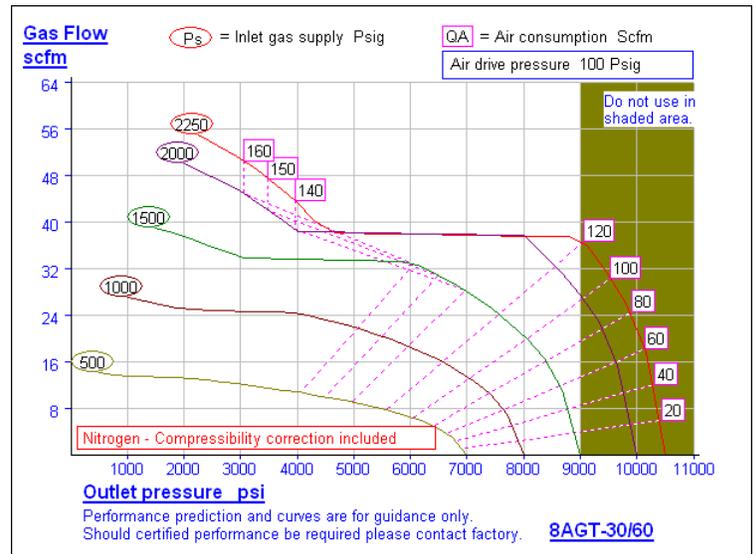
The only services required for operation are an air drive supply and a source of inert gas. It is extremely portable and ideal for onsite pressure testing and gas transfer & pressurisation.

Shown here with booster models 8AGT-14/30, 8AGT-30/60 and 8AGT-60/150 but also available with any of the 8" and 5.3/4" Haskel gas boosters to meet customer transfer and pressure requirements

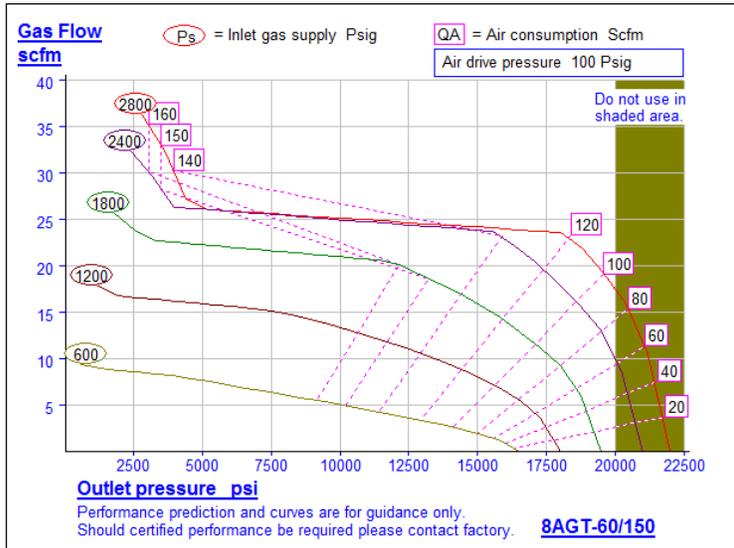
### Model J23625 Booster Performance 8AGT-14/30



### Model J23284 Booster Performance 8AGT-30/60



### Model J24796 Booster Performance 8AGT-60/150



Performance curves are shown based on a 100 psi air drive supply, higher air drive pressure will result in higher flow capacity, just as lower air drive pressures will result in lower flow capacity.

Metric flow capacity curves are available on request.

ATEX Certified versions available on request

#### System Parameters and Capability

MODEL	J23625	J23284	J24296
Max Gas Supply Pressure.	2,900 psi (200 bar)	2,900 psi (200 bar)	2,900 psi (200 bar)
Min Gas Supply Pressure	145 psi (10 Bar)	290 psi (20 Bar)	435 psi (30) Bar
Max Gas outlet Pressure	5,000 psi (345 bar)	8,700 psi (600 bar)	14,500 psi (1,000 bar)
Max Air Pressure	130 psi (9 bar)	130 psi (9 bar)	130 psi (9 bar)
Inlet Air connection	3/4" BSP Female	3/4" BSP Female	3/4" BSP Female
Inlet Gas Connection	1/2" NPT Female	1/2" NPT Female	1/2" NPT Female
Outlet Gas connection	1/4" NPT Female	1/4" NPT Female	3/8"HP Female