

# A SMARTER WAY TO BE IN CNG BUSINESS



**SAVAIR**  
*Solutioneering Energy*





- WORLD'S BEST GE COMPRESSION BLOCK
- PATENTED COUPLE FREE DESIGN
- ENERGY EFFICIENT & HIGHLY RELIABLE
- TROUBLE FREE OPERATION AND LESS MAINTENANCE
- AESTHETICALLY DESIGNED CANOPY WITH LOW NOISE LEVEL
- COMPLETE PRODUCT RANGE (CAPACITY & PRESSURE)
- LOW LIFE CYCLE COST
- REMOTE CONNECTIVITY WITH SCADA & MOBILE ALERTS

SAVAIR combines the world's best Compression technology of GE with our package engineering expertise, to offer the CNG package with a complete fuelling solution in the most simplified format possible.

With more than a century of SAVAIR management experience in engineering, packaging, instrumentation, maintenance and EPC execution expertise, it has always been SAVAIR's philosophy to offer equipment and packages with minimum life cycle cost.

The Plug and Play design ensures easy installation, minimum site work and early commissioning. While we offer the motor and engine driven packages, we also provide the option of Caterpillar, Waukesha and Cummins engines.

Our standard package consists of compressor, motor/engine, process cooler, gas recovery tank, blow down system, PLC panels with a complete set of instruments, priority panels, and fire & gas leak detection systems.

## GE COMPRESSION TECHNOLOGY

The Compressor is the most critical in this package. It is chosen from GE's oil & gas design and manufactures advanced compression technologies with a fleet of more than 18,000 installations of high speed compressors worldwide. A completely air-cooled compressor designed for maximum uptime, minimum maintenance, high reliability and high energy efficiency, its tandem, couple free design keeps the machine fully vibration free. Variable clearance for controlling the capacity also avoids frequent start-stops of the compressor during low demand of fuelling.

## DESIGN AND SAFETY STANDARD

The packages are designed to meet international safety standards. All our packages are equipped with fire and gas detection, and CO2 flooding systems to ensure complete safety. The system is built and designed using the international engineering standards of ISO, API and ASME.

## FULL LOAD TESTING OF PACKAGE

SAVAIR's state of the art facility is equipped for full gas load testing of CNG compressor packages. All Packages are fully tested for long hours on CNG upto 250 Bar pressure prior to dispatch.





## CANOPY

The technologically advanced canopy is precisely designed, fabricated using incomparable quality raw material and innovative coating process. It is widely appreciated amongst our customers for its aesthetics, low noise level, robust construction, uniform air distribution, easy maintenance access and industrially approved design.

## INSTRUMENTATION

The equipment and instruments are chosen from amongst the world's best. The industrial grade PLC panel comes with an explosive proof enclosure. All the packages are equipped with parameter trending, remote connectivity and mobile alerts through remote monitoring SCADA/GSM modules which make operation and maintenance all the more easy and simple.

## SPARES AND SERVICE

SAVAIR offers genuine BHGE spare parts, being their authorised channel partner for India, Bangladesh and Sri Lanka, backed up with 24 x 7 service support. Moreover, all equipment and instruments are chosen from the world's most renowned manufacturers with a worldwide network for spares and services, to meet any immediate need of local support.



## Range of CNG compressor packages

Model		Capacity		No of Stages	Prime Mover
From	Up to	MIN	MAX		
SE2-400	SE2-3000	400	3000	2 stage	Engine/Motor
SE3-400	SE3-3000	400	3000	3 stage	Engine/Motor
SE4-400	SE4-3000	400	3000	4 stage	Engine/Motor

\* Capacity may vary depending on actual site conditions, & gas composition

## TURNKEY SOLUTION

Our turnkey offer with compact design not only gives you a one stop solution, but also a minimum CAPEX and OPEX for the operator or any institution. With three decades of experience in oil and gas, executing dozens of complex brown field EPC Gas compression with recip, centrifugal and screw projects in record time; we offer a complete simplified solution for a fuelling station with scope of CNG compressor, dispensers, cascades, pre- engineered sheds and all utility support systems.

While we offer our turnkey solution to customers worldwide, we are also ready to provide a variety of makes and brands of all equipment and instruments, except for the CNG Compressor, as it is the heart of the package and SAVAIR relies on GE Compression technology.

Above all, SAVAIR is the channel partner for GE Compression when it comes to packaging their high-speed reciprocating compressors in India. SAVAIR can provide a complete range of gas compressors for oil, gas and many other applications as well.



## OUR ESTEEMED CUSTOMERS

SAVAIR is rendering its services to the leading City Gas Distribution Companies such as Mahanagar Gas Limited, Gujarat Gas Limited, Indraprastha Gas Limited, Assam Gas Company Limited, Vadodara Gas Limited. In Oil & Gas sector, we cater to giants like ONGC, GAIL, Oil India, Reliance, Cairn Energy in India .

**BAKER  
HUGHES**  
a GE company



Channel Partner

High Speed Reciprocating Compressors and Spares

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