



Burckhardt Compression

Burckhardt Compression (India) Pvt. Ltd.

CNG Package - 'A Green Product'

Your Reliable Partner for CNG Refueling Station



CNG Package – ‘A Green Product’ from Burckhardt Compression India

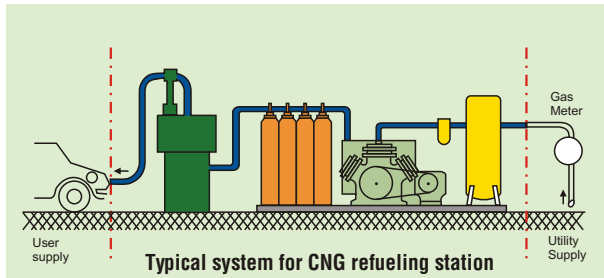
Burckhardt Compression India is a wholly owned subsidiary of Burckhardt Compression AG, Switzerland, one of the world’s largest manufacturers of reciprocating compressors with a global sales and service network.

Our products are known for their:

- Lowest cost of ownership
- High reliability
- Minimal downtime
- High Efficiency

With a rich and proven expertise of two decades in CNG package manufacturing, Burckhardt Compression India is pioneer in CNG compressors in India.

Burckhardt Compression India can offer Complete Turnkey Solution for all our customer requirements!



Compressor Package with silent enclosure

This package comprises:

- Trunk piston compressor (Type CU or Type CT) with Electric Motor or Gas Engine
- Acoustic canopy for total safety with gas detection and CO2 flooding
- Piping and valves within canopy
- Instrumentation and controls (with option of remote control)
- Priority panel : 3, 6 or 9 lines – for better utilization of storage capacity that avoids frequent start and stop of the compressor



Standard Compressor Units

We can also offer Standard Compressor units where noise levels are not mandated.



Motor driven Standard Compressor Unit - Type CU



Gas engine driven Standard Compressor Unit - Type CT

Station Size



Compressor Type CU is best suited for medium size station
1200 cars / 20 Hrs

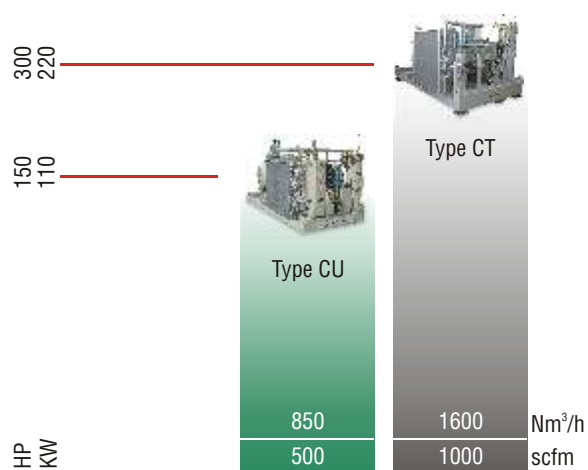


Compressor Type CT is best suited for large size station
260 Buses, Trucks / 20 Hrs

Advantages of our CNG Refueling System

- Safety: Safety is our prime concern and hence the package is designed with safety in mind
- Package is ‘Easy to install and Ready to operate’
- Compact Design: Package is designed to save on space with ease of access
- Low noise level: Specially designed acoustic canopy reduces the noise level considerably, making it possible to operate even in residential areas

Performance Range of Compressors Type CU & CT



Compressor is the heart of CNG package.

Parameters influencing the selection of compressor are:

- Suction pressure
- Suction temperature
- No. of vehicles to be served
- Gas composition
- Ambient conditions, etc.

Depending on the above parameters package is optimally designed to meet the customer requirements

Compressor

Features of the compressor

- Trunk piston design
- Modular construction and simple installation
- No major foundation is required
- Available in 3, 4 and 5 stages
- Low pressure ratio per stage resulting in higher efficiency
- No gas loss to atmosphere
- Less number of moving parts hence low wear
- Meets NZS 5425 and other relevant international standards
(Please refer our Standard High Pressure Compressor Type CU & CT catalog for more details)

Quality Assurance and Testing

Quality inspections are carried out after each important stage of manufacturing and packaging. All pressure parts such as cylinders; crankcase and pressure vessels are hydraulic tested. Modern facilities equipped with an adequate selection of instrumentation are used to test each and every unit before it leaves the factory. This ensures quick commissioning and start-up.



Customer Support Service

Rarely required, always available

Prompt customer support plays a vital role for any compressor to function over a long period of time. Our fully equipped global service network is ready to support our customers for all operations and maintenance needs.



At Burckhardt Compression India, we provide support over entire life cycle of our compressors. With our rich expertise in compressor manufacturing and after sales support, we provide:

- Optimal solution for your Operation & Maintenance needs
- Responsive service network
- Genuine spares
- Annual maintenance contracts



Save the Mother Planet! Candle is burning at both the ends!

Today we all are experiencing acute effects of pollution. Millions of tons of hazardous pollutants are being added to air, water and soil every year. On the other hand liquid fossil fuels are depleting rapidly. Hence, the candle is burning at both the ends!

Thoughts are provoked for the search of technologically advanced, commercially viable and environmentally cleaner fuels as an option to the conventional ones, especially for the automobile fuels who are major contributors to the pollution. Here comes the usage of the Natural Gas as an alternative fuel for automobiles.

More and more usage of Compressed Natural Gas (CNG) will help us to protect environment.

Compressors for a Lifetime

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