

LPG
EXCEPTIONAL
ENERGY



CORKEN LPG Transfer Solutions

Fueling your Business with a
"Clean and Green Future"

Solutions beyond products...



CORKEN Air Cooled and Non Lubricated Reciprocating Compressors following general compliance to API 618 guidelines with accepted deviations, along with our pre-engineered mountings are used for:

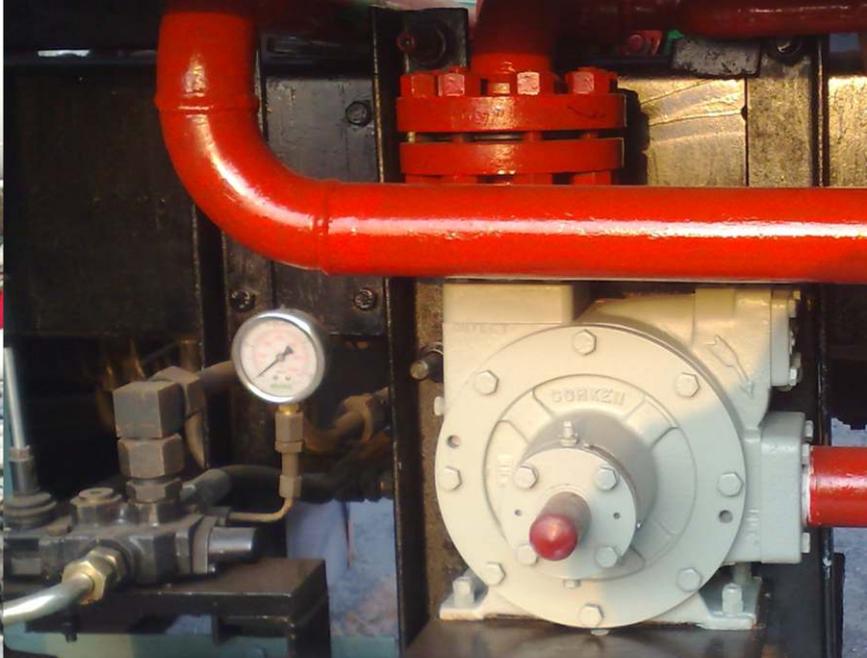
- Both Liquid Transfer and Vapor Recovery of LPG from 1. Railcar wagons OR 2. Road trucks OR 3. Emergency Rescue Vehicles (ERV) to another storage.

A unique process where the compressor is used to create a pressure differential between the storage facility and the railcar. The liquid product will then flow in the direction of lesser pressure, i.e., from the railcar to the storage facility through a separate liquid line between the two tanks. The vapor left in the tanker / rail car is then recovered using the same compressor. The same principle is also used at LPG Manufacturing / reselling plants from loading tankers / rail cars.

- Cylinder Evacuation Unit** is used to discharge gas from inside the defective LPG cylinders. Discharge LP Gas is transferred to the LPG Storage Tank by this unit to be re-used.

- Storage / Vessels / Pipelines Decommissioning** – As per safety guidelines globally, storage vessels and pipelines are periodically tested (NDT process like Hydrotesting, etc.) for ensuring operational integrity from safety standpoint with respect to leaks and cracks. CORKEN compressors are used for transferring liquid and gas to another storage to avoid gas loss using the same principle as tanker / rail car unloading.



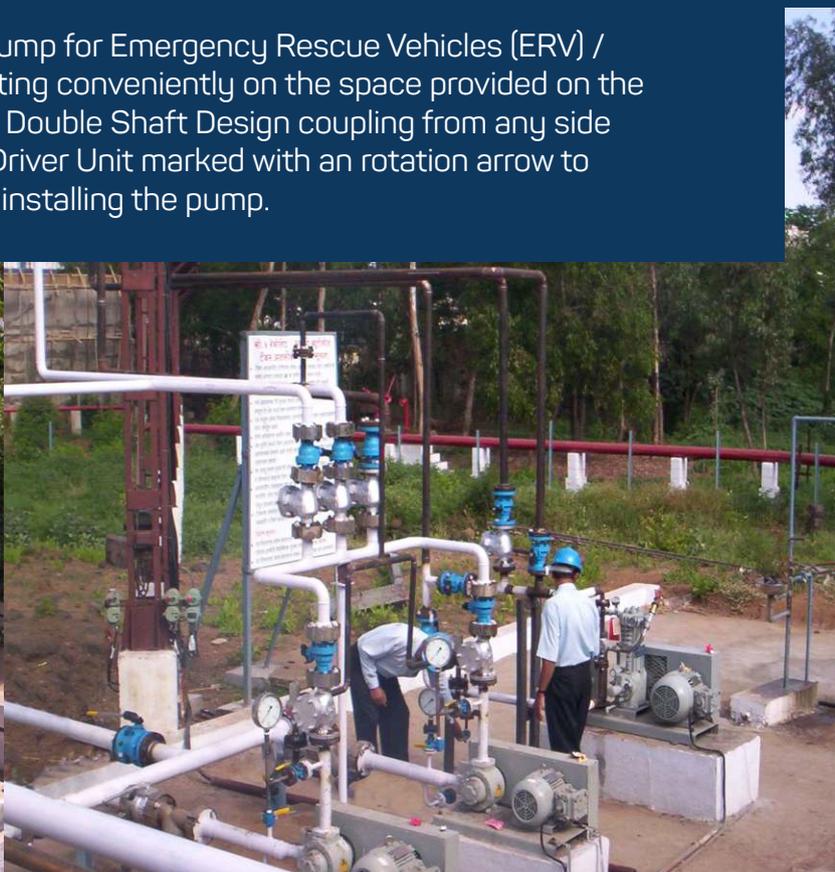
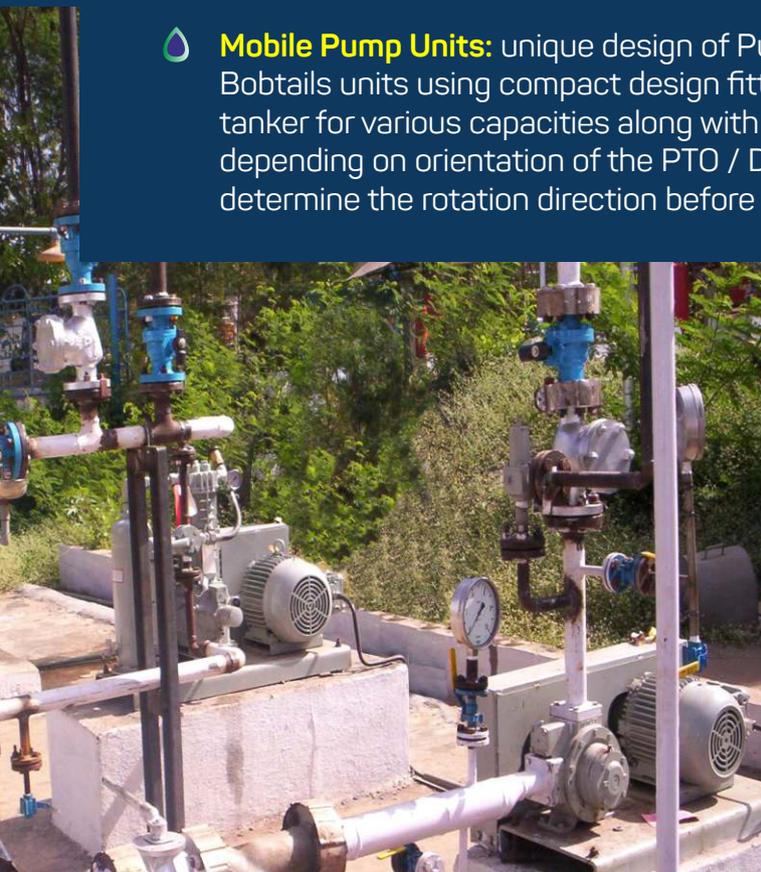


Coro-Vane Series - Positive Displacement Sliding Vane Pumps.

💧 **The Coro-Vane®** is unique because it can handle small amounts of vapor formed at the suction side and the vanes self-adjust for wear. These design characteristics with High pumping efficiencies throughout the life make the Coro-Vane favorably suited for LPG industry applications. It is available with range of capacities for various applications such as:

💧 **LPG Bulk Transfer:** Applications like Tanker unloading (where only liquid transfer is required and no vapor recovery is envisaged) – Stationery skids and Mobile application like Bobtails and ERV (Emergency Rescue Vehicle), Storage Tank to Plant Day Tank Bulk liquid transfer involving small to moderate differential pressures. Cylinder Filling: For larger capacities such as Carousel filling to smaller flow applications like domestic cylinders / industrial cylinders (LOT and VOT) / industrial tonner filling applications involving higher differential pressures.

💧 **Mobile Pump Units:** unique design of Pump for Emergency Rescue Vehicles (ERV) / Bobtails units using compact design fitting conveniently on the space provided on the tanker for various capacities along with Double Shaft Design coupling from any side depending on orientation of the PTO / Driver Unit marked with an rotation arrow to determine the rotation direction before installing the pump.



For more information visit us at www.idexindia.in

LPG Autogas Pump from Aboveground storage



Coro-Flo Series – Dynamic Regenerative Turbine Pumps

The CORKEN Coro-Flo Pump is a special type of pump known as a regenerative turbine pump with this unique design, the pump has earned a reputation for being highly reliable, low maintenance and long lasting. It has become the standard for bottle filling and dispensing systems in the LPG market.

The impeller is the only moving part, has no metal-to-metal contact with the casing, floats on a shaft and can be replaced easily without disturbing the piping or driver by simply removing the cover with no special tools needed.

Continuous Duty Capability, suitable for single or dual hose dispensers, Heavy duty bearings, single mechanical seal, silicon carbide seal seat, NPT or Class 300 RF flange connections, metric fasteners, and a ductile iron case and head used for pressurized transfer of LPG in applications like

Cylinder filling in ALDS (Autogas Filling Stations) or for filling smaller cylinders

Tank to Tank transfer involving medium to high differential pressures and smaller flows (like Aerosol propellant / filling plants, Vaporizer Feed for Burners for Industrial LPG).

LPG Autogas Pump from Underground storage



Markets Served

LPG finds variety of Industrial applications such as below on account of **The Negatives that Make LPG "A Positive" - Low** Carbon Fuel – Absence of Impurities; **No** Environmental impact; **No** Hazardous emissions or waste post use; **No** (or Little) Particle Emissions compared to other liquid fuels; LPG is the most commonly used alternate fuel in the world. Also, Transportation of LPG is very safe and very convenient – via cylinders, road tankers, rail wagons, pipelines.



Automobile and Auto Ancillary Industry

Vehicle Cylinder Fueling,
Paint Heating and Baking,
Surface coating and Treatments, etc.



Fabrication Industry

Metal Profile Cutting,
Metal Heat Treatment like Annealing &
Normalizing, Rolling and Forging, etc.



Agriculture Industry

Seed Drying, Food Roasting,
Greenhouse Heating, etc.



Surface Coating Industry

Heating for Paints, Powder Coating, Galvanizing, protective coatings, pigment drying, etc.



Aerosol Industry

Propellant for Industrial sprays,
perfumes, deodorants, etc.



Ceramic Industry

Core Baking, Drying,
Heating agent for Kilns and Furnaces,
Porcelain and Tile Manufacturing, etc.



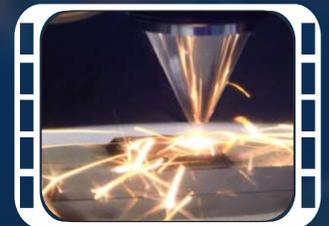
Glass and Lamps Industry

Annealing Lehrs, Cutting, Joining,
Reheating, manufacturing of
Incandescent & CFL lamps,
tube-lights, etc.



Plastics Industry

Heating for Injection molding
process for bottles, storage tanks,
containers, Foam Extrusion Process etc



Printing Industry

Drying of ink / dyes for
glossy finish, Drying of inks
after printing process on
metal sheets and cans, etc..



Textiles Industry

Fabric and Yarn Singeing (Heated Finishing Process),
Calendering (High Temperature Rolling),
Drying after printing, etc.



Hotels and Restaurants

LPG in cylinders and pipelines for
Cooking, Heating, laundry drying,
Incineration, baking, etc.



For further inquiries or information, you may reach out to us at below and our sales representative will be happy to revert for assisting you with right solution for your application.

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