

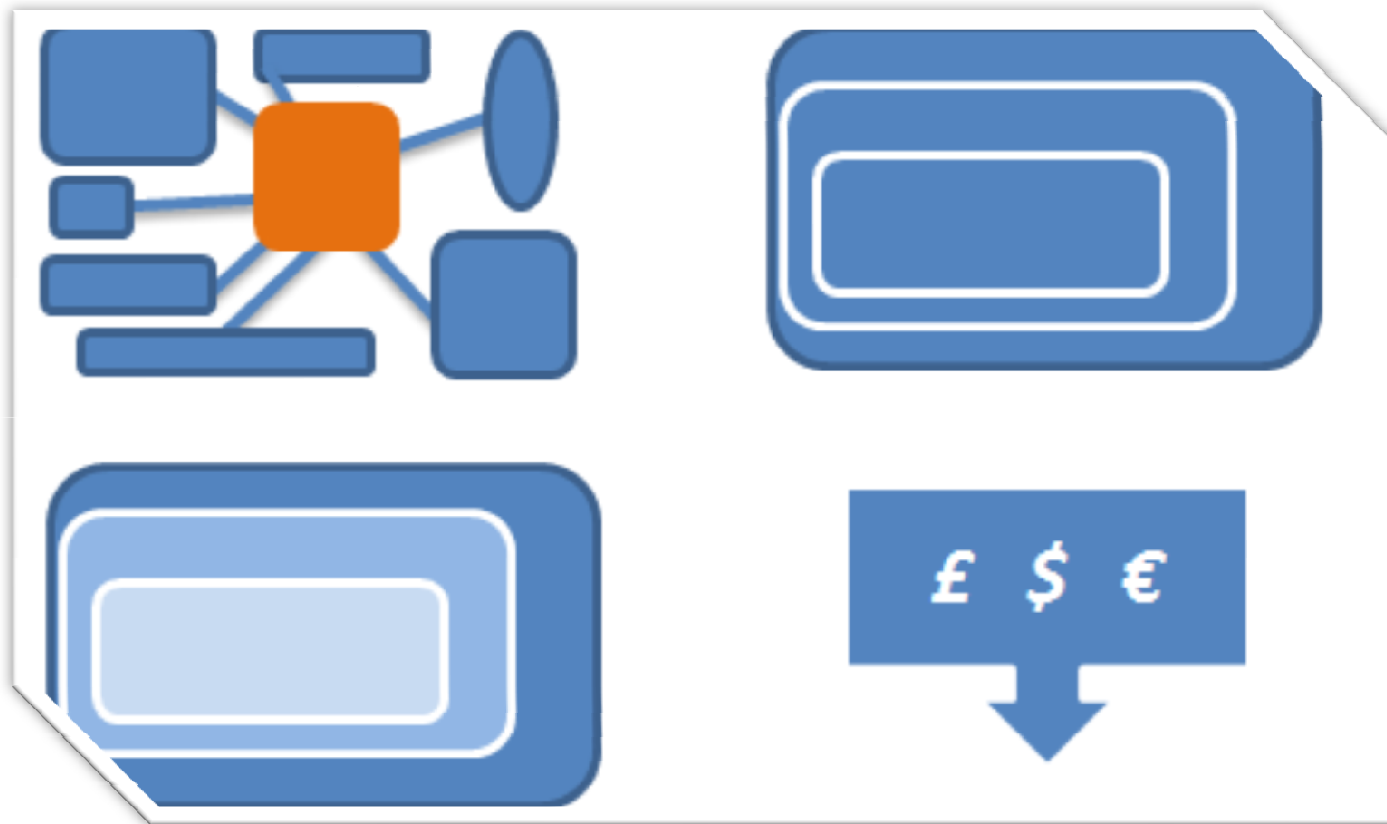


EMER Group is a global provider specialised in codesign solutions for optimising safety, comfort and performance of alternative fuel engines

Goals

INCREASE FUNCTIONALITY

SPACE REDUCTION



WEIGHT REDUCTION

VALUE FOR MONEY

EMER, founded in 1975, is nowadays a leading company and full system provider in the CNG and LPG industry with a significant track record in turnover, technology, operation and business development.

Being development partner for **Fiat, VW, Iveco, Maruti, Suzuki, Toyota, Isuzu** and several other customers is the best witness of our quality and reliability

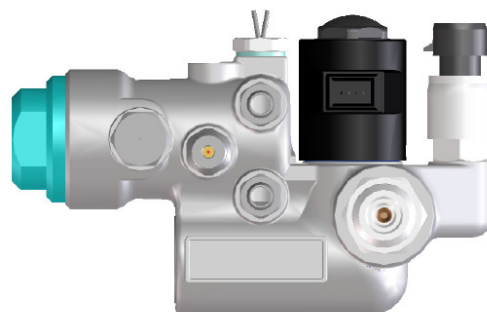
Hundreds refuelling stations worldwide are equipped with SICOM compressors

Patented solutions, production competencies and reliability made of VALTEK injectors and filters the globally recognized market leader

In 2008 the company was acquired by a Palladiofinanziaria, a PE fund

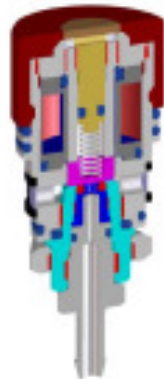


EMER designs and manufactures complete CNG/LPG fuelling systems, developed for safety, comfort and performance of Alternative Fuel Engines



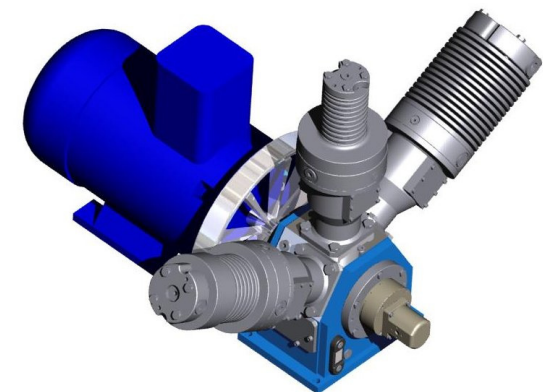
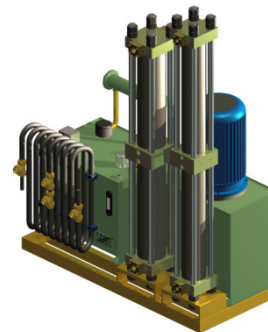


VALTEK designs and manufactures CNG/LPG injectors, rails, solenoid valves and filters





SICOM designs and manufactures complete CNG and LPG fuelling stations acting as general contractor for the entire installation or single components provider from compressor to booster, dryer and dispensers

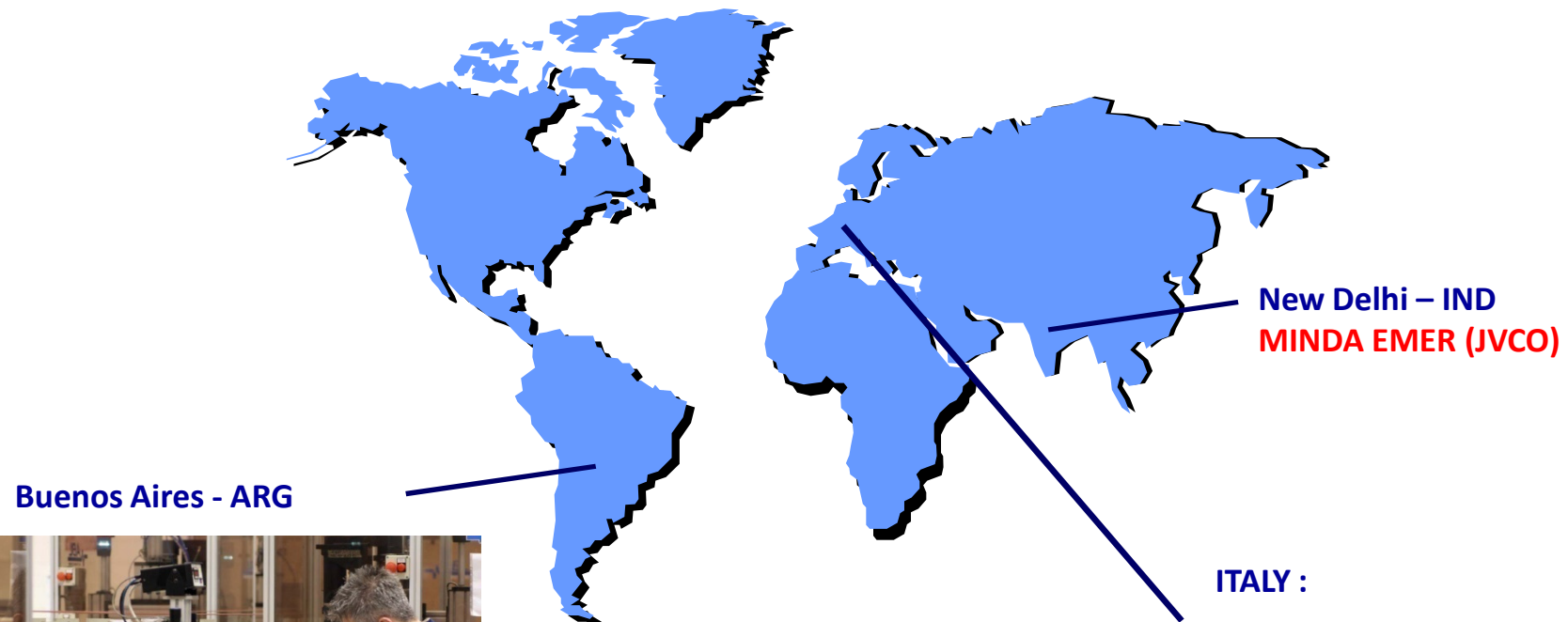


Facts and figures

<i>Turnover</i>	<i>approx 80 ml € in more than 50 countries all over the world</i>
<i>Employees</i>	<i>> 220</i>
<i>Sales organisation</i>	<i>sales offices, agents and distributors in > 60 countries</i>
<i>Production</i>	<i>6 production plants in Italy, Argentina, India (JV)</i>
<i>R&D investments and expenditures</i>	<i>6% of total turnover is devoted to R&D</i>

Designing, casting, forging, machining, assembly and testing operations are all organised entirely as internal procedures, for the whole range of EMER products

Production plants



1. EMER - Brescia
2. VALTEK - Reggio Emilia
3. MEC SIRIO - Collebeato
4. SICOM - Ferrara

Testing facilities



Certified emissions bench

Power bench



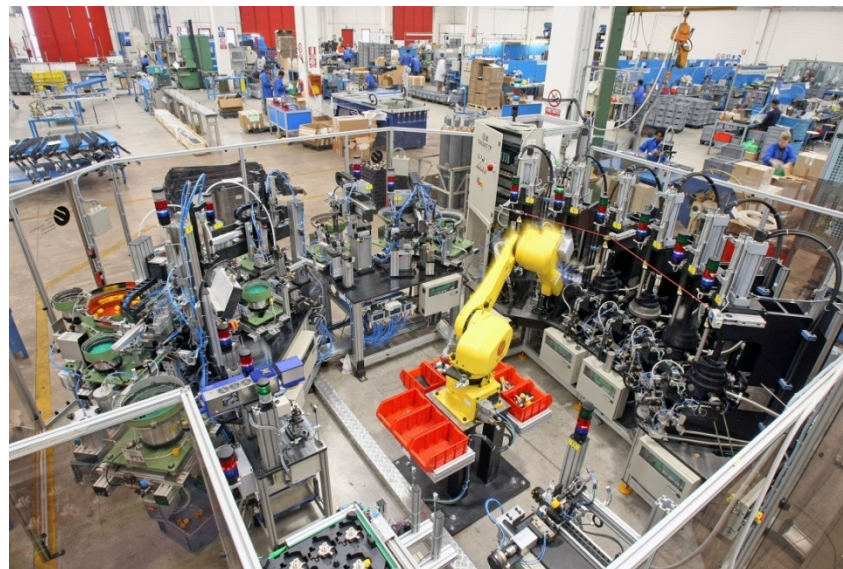
- ISO/TS 16949:2002 and ISO 9001:2000 certification
- BVQI quality certification
- High level of standardisation of the components
- Patented solutions
- Ownership of the technological solutions and production process
- >70% of actual turnover with OEMs
- Technology transfer capability
- Zero defect program



Facilities

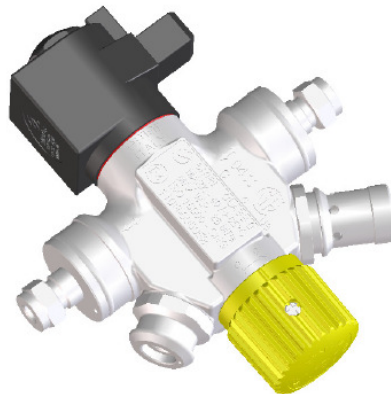


Facilities

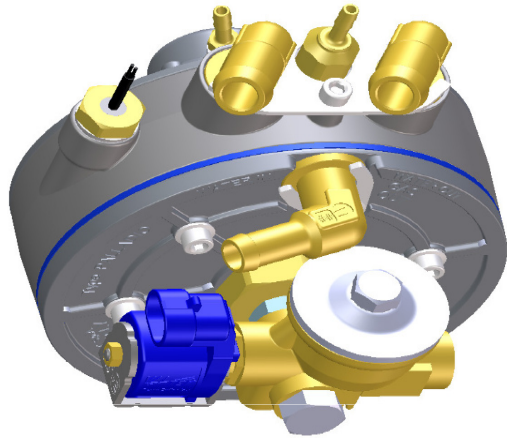


Multifunctional valves

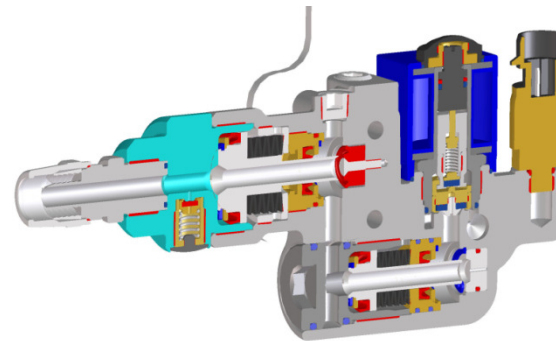
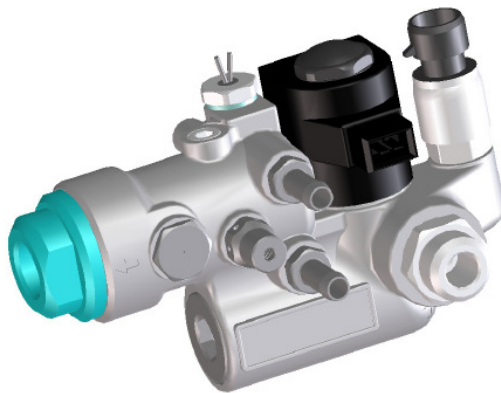
- Full range of LP and NG valve
- Overpressure and overtemperature devices integrated
- OEM approved product range
- All models of filling valves available
- Completely inhouse manufacturing



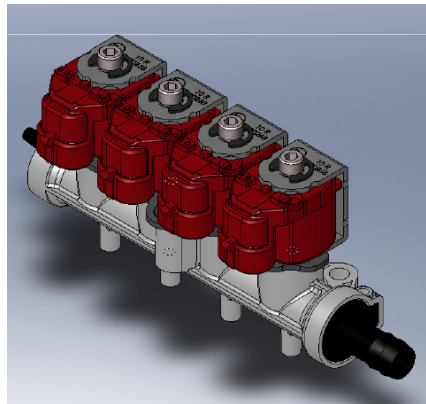
Regulators



- Pressure sensor on board
- Extremely stable outlet (max 7% deviation)
- Reduced dimensions
- Integrated overpressure safety valve
- Very efficient heat exchanger
- Excellent comfort, top driving performances



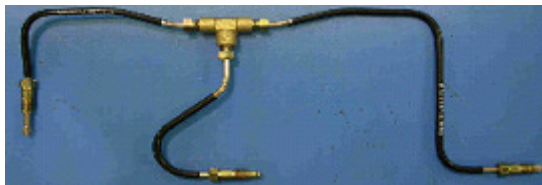
Injectors



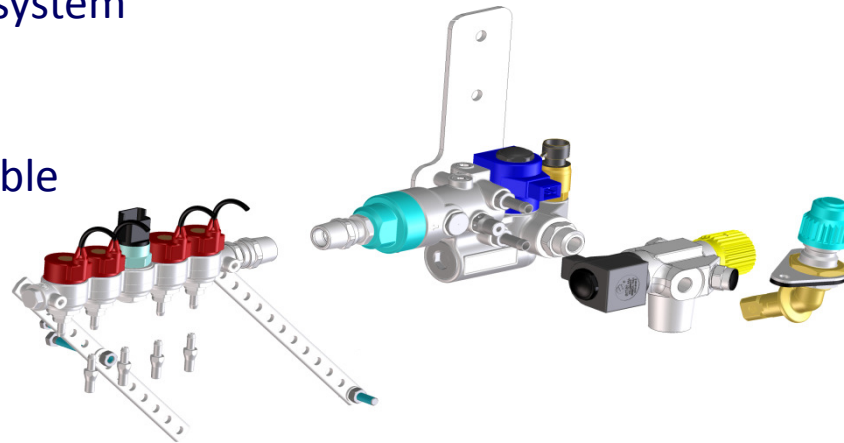
- ❑ Pressure sensor on board
- ❑ Side feed
- ❑ Single or rail assembly
- ❑ > 300 ml cycles
- ❑ plastic or brass body available
- ❑ 2 bar and 10 bar version available

HP & LP Pipes

- All the pipes are internally bended with a fully automatic process
- 100% of leakage tested
- Pre assembly on receptacle and/or valves is also available



- ☐ Lay our study and adaptation capabilities
- ☐ Suitable for all engines
- ☐ OEM robust designed system
- ☐ Customized interface
- ☐ Master slave and/or stand alone system
- ☐ Euro IV compliance
- ☐ preformed pipes and stuffs available



Applications



All our products are also suitable for different kind of applications:



- ☐ Passenger vehicles
- ☐ Heavy duty vehicles
- ☐ 2 & 3 wheelers
- ☐ Power generators
- ☐ Marine engines
- ☐ forklifts

EMER is a full service provider including in house:

- Preventive lay out study
- Emission tests
- Power test
- Customization of technical solutions





Q&A