







#### Mission

**EMER Group** is a multinational company specialised in co-designing with its Customers solutions for optimising safety, comfort and performance of alternative fuel engines



#### Hystory

**EMER,** founded by Gobbi bros. 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.

OES for Fiat since 1997, VW, Iveco, Maruti India, Toyota Japan and several other customers grant the quality and sustainability of the relationship

Over 200 refuelling stations worldwide are equipped with SICOM compressors

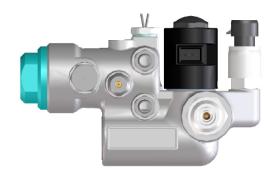
The patented solutions, production competencies and reliability made of VALTEK injectors the absolute market leader

In 2008 the company was acquired by a private equity fund





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

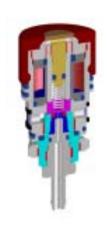








# **VALTEK** designs and manufactures CNG/LPG injectors, rails, solenoid valves and filters







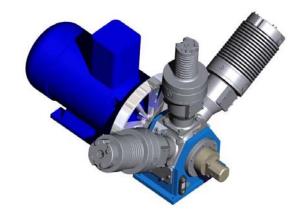
#### Sicom



**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









#### The group

#### Facts and figures

**Turnover** approx 100 ml € in more than 50 countries all over the world

*Employees* > 220

**Sales organisation** sales offices, agents and distributors in > 60 countries

**Production** 6 production plants in Italy, Argentina

R&D investments and expenditures

6% of total turnover is devoted to R&D



#### Success factors

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



ALCUSTA AREA PLOY FORMARIS ETROSPERA ESPLOSPIA

## Quality

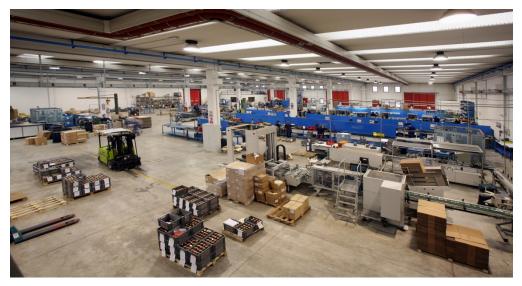
- ISO/TS 16949:2002 and ISO 9001:2000 certification
- BVQI quality certification
- High level of standardisation of the components
- Patented solutions
- Ownership of the technological solutions and production process
- >70% of actual turnover with OEMs
- Technology transfer capability
- Zero defect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





## **Facilities**







## **Facilities**









#### Multifunctional valves

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





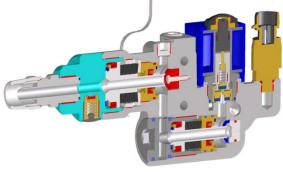


### CNG regulator



- Two stages pressure regulation
- > Extremely stable outlet: ± 7% P<sub>nom</sub>
- Reduced dimensions
- Integrated overpressure safety valve
- Very efficient heat exchanger
- > Excellent comfort, top driving performances
- Quick installation, easy maintenance







## 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 availabel

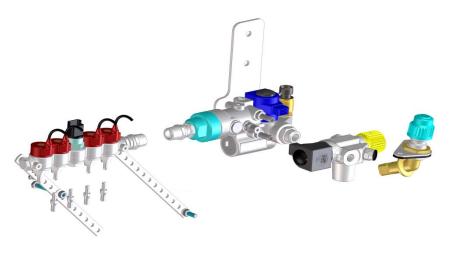








## BAT and TENBAR are reliable kits in-house designed and tested under all working conditions



- ☐ 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











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







- Passanger vehicles
- Heavy duty vehicles
- 2 & 3 wheelers
- Power generators
- Marine en ines
- forklifts



#### Application engineering

#### EMER is a full service provider including in house:

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





#### Q&A

