

COMPRESSORS PRODUCT PORTFOLIO

SAFE is an Italian key player in compression and decompression infrastructure technology. Since 1975 it develops and produces mechanical and hydraulic compressors for biomethane and natural gas in Upstream, Midstream Industrial and Distribution markets.

COMPRESSORS SERIES



S SERIES

Small/medium size mechanical compressors suitable for:

Public and private stations featured by low suction pressure and low hourly flow rates

Small biomethane plants



ST SERIES

Small/medium size mechanical compressors suitable for:

All applications where medium/high suction pressure is required

Stations with medium/high hourly sales estimates

Mobile Refuelling Unit (MRU)



SW/SV SERIES

Large/medium size mechanical compressors suitable for all application where high flowrate is required

Grid injection, Grid reverse flow

Mother stations and large refuelling stations with high flow-rate requirements



SWSE SERIES

Large/medium size mechanical compressor suitable for applications where low suction pressure and medium/high capacity are required

Single-effect cylinders allow easier maintenance, reducing operating costs

Mother stations and large refuelling stations with high flow-rate requirements



B SERIES

High reliable hydraulic compressor ideal for:

Emptying cylinder trailers at daughter stations

Mobile Refuelling Unit (MRU)

HIGH LEVEL DESCRIPTION

COMPANY HISTORY

1975 SAFE is founded

1979 Production of the first HYDRAULIC compressor

1988 Production of the first MECHANICAL reciprocating compressor

1992 Production of the first Oil & Gas Package

2008 Production of the first Mobile Refuelling Unit (MRU)

2010 Production of the first Biomethane solution

2011 SAFE moves to the new HQ in San Giovanni in Persiceto (BO) - ITALY

2017 SAFE&CEC is established through the Agreement between Landi Renzo and Clean Energy Fuels

2022 Idro Meccanica joins SAFE to foster H₂ market. Launch of the first HYDROGEN DISPENSER for filling stations fully designed and produced in-house

BENEFITS



GREEN

In SW series, the new «type-B» distance piece that increases the distance between the oil and gas seals, together with the installation of an oil slinger upstream of the gas seals, avoid any oil leakage into de gas.



AVAILABILITY AND RELIABILITY

Great maintenance plan reaching 4,000 hours for CNG application. In biomethane applications where biomethane production is stable, our compression units operate 24/7: 8,000 hours of continuous operation, meaning 92% availability.

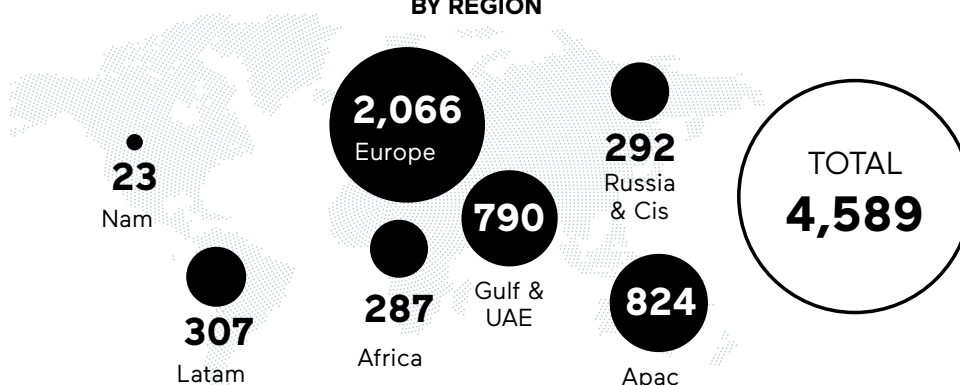


EFFICIENCY AND FLEXIBILITY

SAFE compression solutions are able to operate in a wide range of pressures making them the right product for whatever Customer's need and requirement: from extraction to transportation and distribution

REFERENCES

BY REGION



COMPANY SQM

ENTIRE PREMISES

27,000

PRODUCTION FACILITY

11,500

OFFICES & SERVICES

2,950

OTHER (parking)

12,550