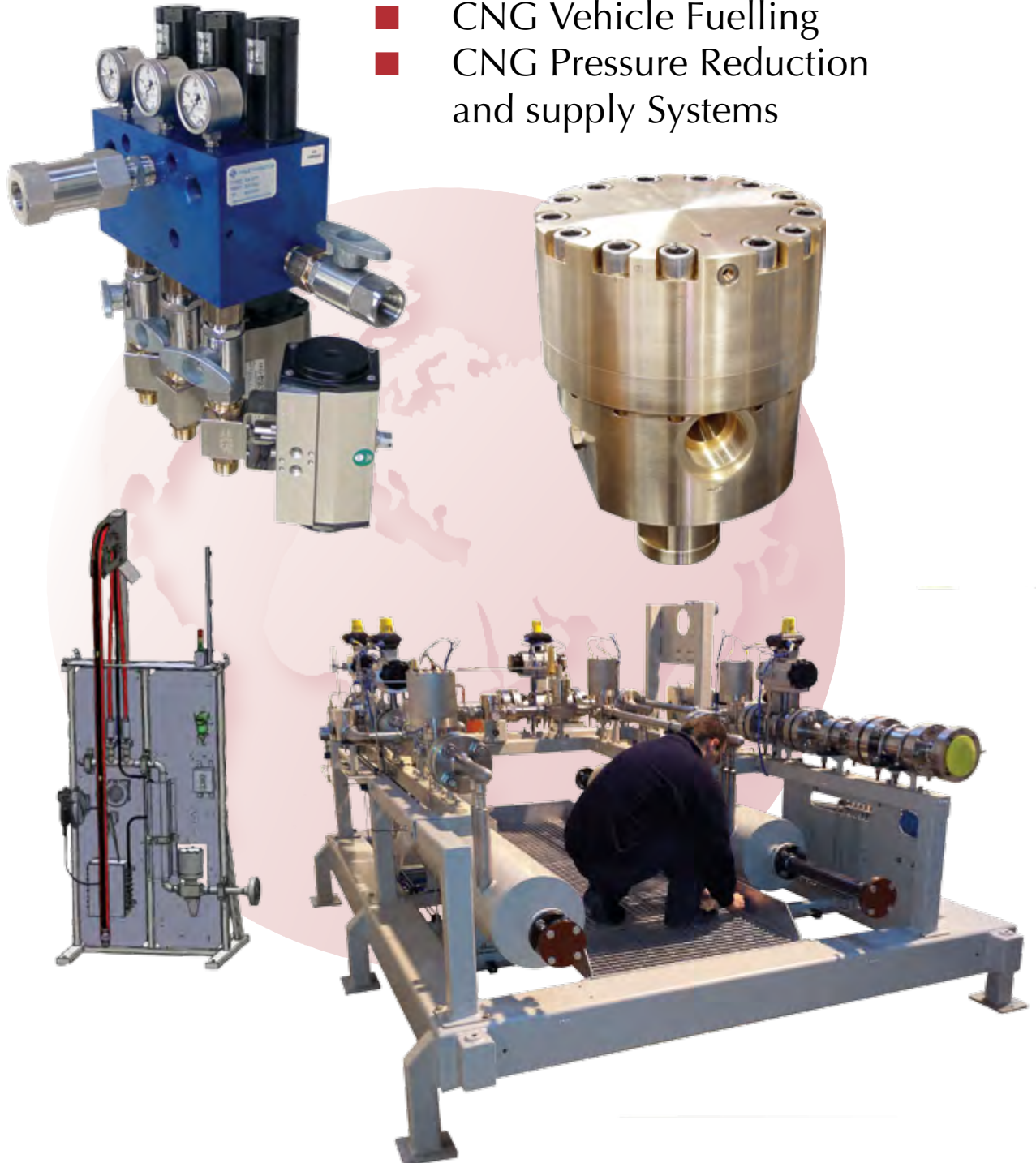




## ALTERNATIVE FUELS APPLICATIONS

- BIO Fuels Virtual Pipeline
- CNG Vehicle Fuelling
- CNG Pressure Reduction and supply Systems



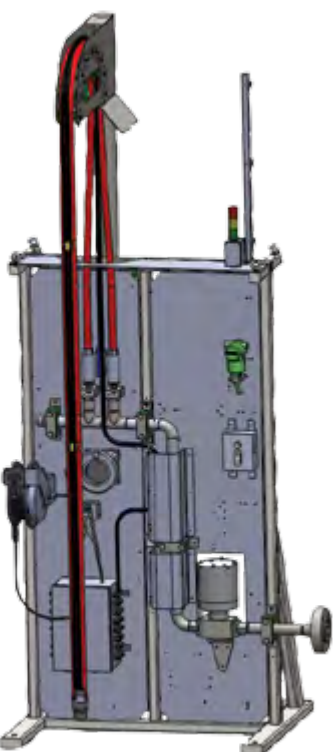
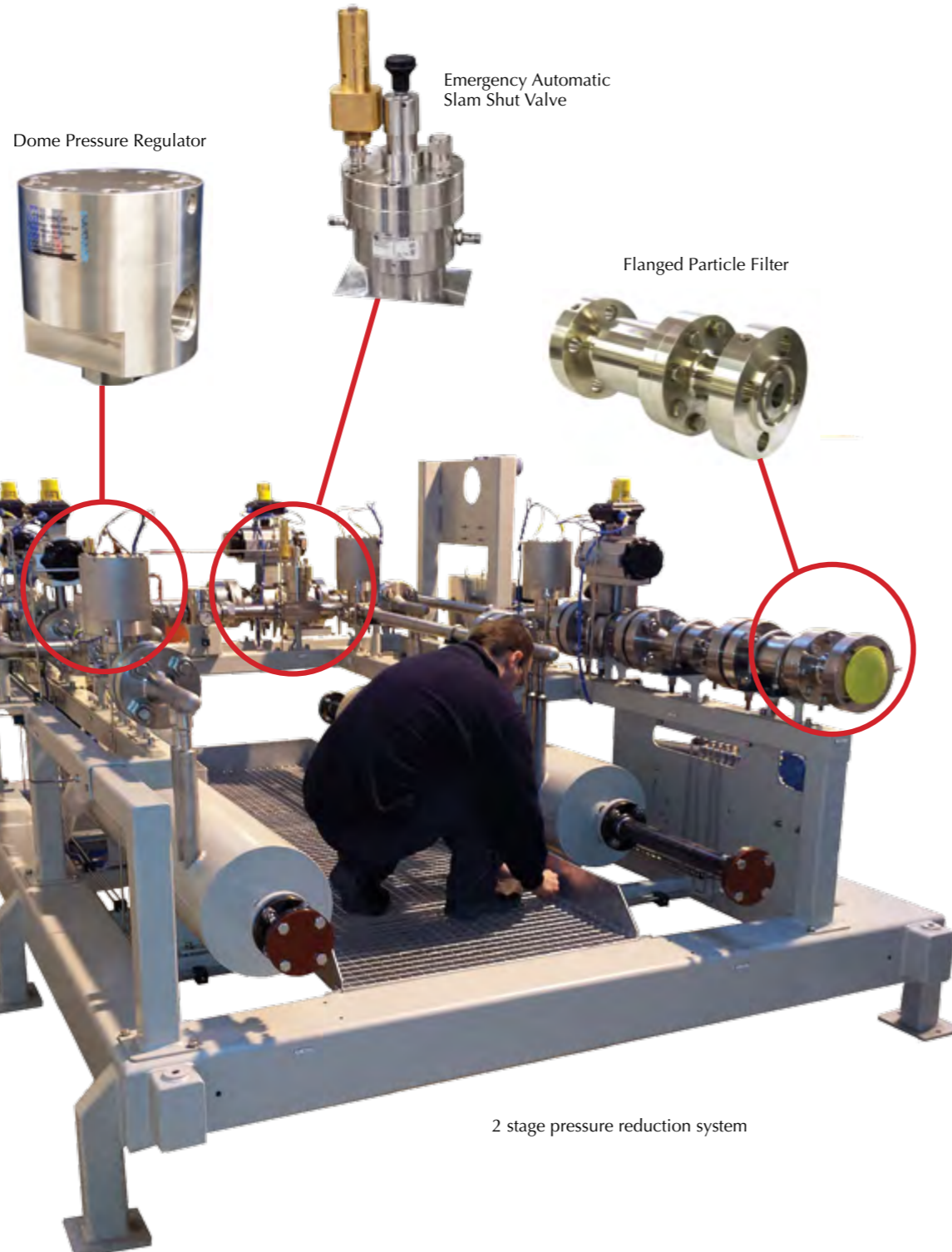
# WELCOME TO HALE HAMILTON

## WELCOME

Hale Hamilton is a world leader in the design, manufacture of valves, valves modules and packaged systems for the Alternative Fuels Industry. With a product and application base focussed on high pressure valves and packaged systems spanning more than 60 years, Hale Hamilton is well placed to provide solutions for all of your Alternative Fuels applications.

## BIO FUELS VIRTUAL PIPELINE

- 2 stage pressure reduction
- Multi stage heating
- Off load & Up load Stanchions
- Emergency slam shut valves

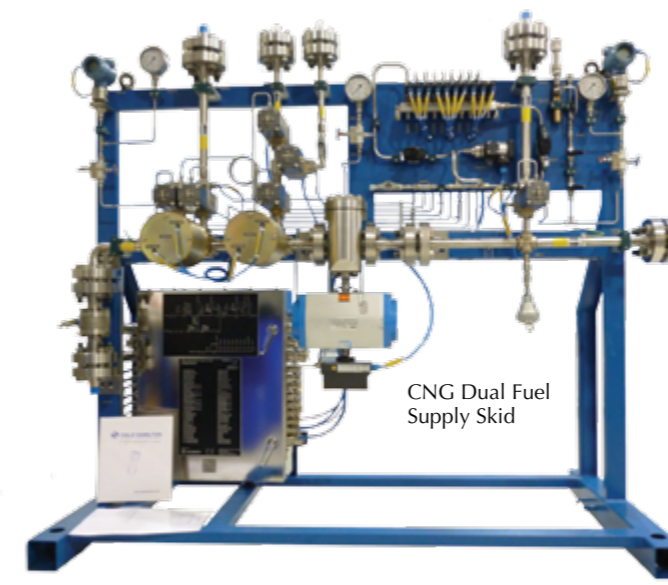


Up-load and Off-load stanchions

2 stage pressure reduction system

## CNG VEHICLE FUELLING:

- Compact – easy to install
- Reduced connection - reduced potential leak paths
- Cartridge design – easily upgraded, easy to maintain
- Reduced overall acquisition cost – reduced price



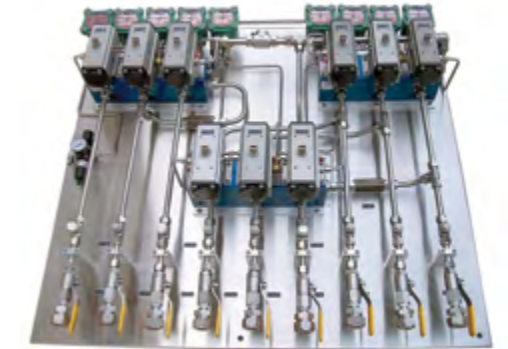
CNG Dual Fuel Supply Skid



Priority Fill Manifold with ESD



3 Line CNG Dispenser Manifold



9 Line Priority Fill Panel

## PRESSURE REDUCTION

- Dome and Spring loaded pressure regulators working pressures to 425 bar (6000 psi)
- Manual and Actuated Stop Valves working pressure to 500 bar (7500 psi)
- Mechanical Back Pressure Maintaining Valves
- Check Valves
- Pressure Relief
- Packaged Skids



Cartridge B.P.M.V



Dome Pressure Regulator



Pressure Relief Valve



Hydrogen Stop Valve





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