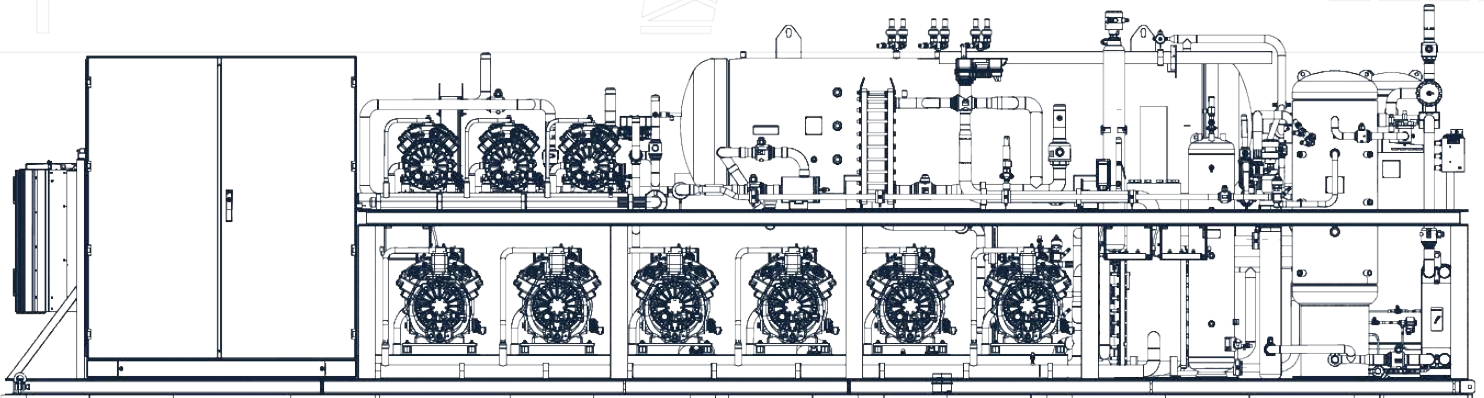




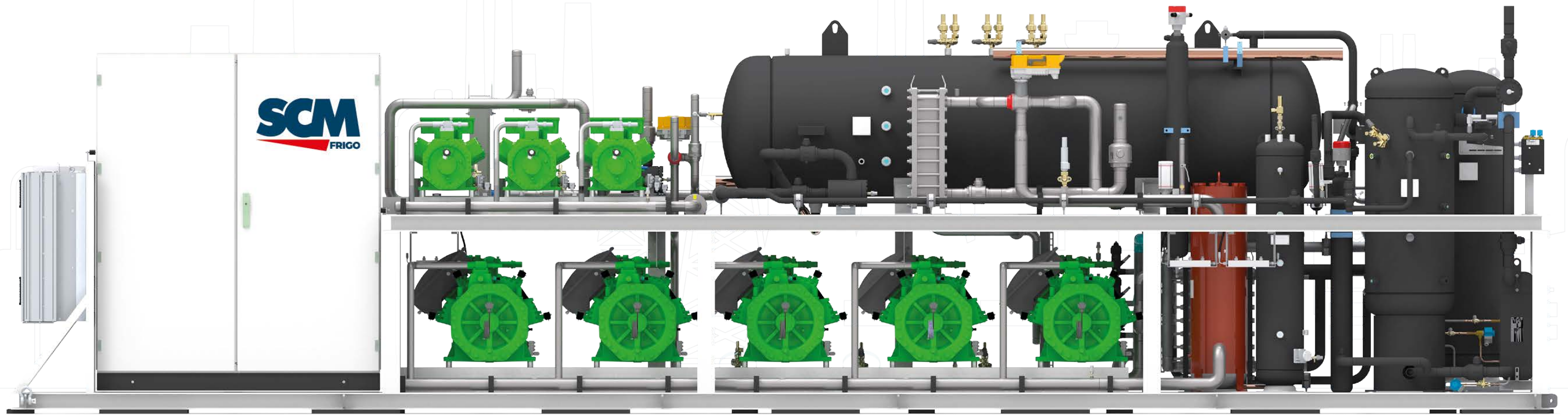
# NEW CO<sub>2</sub> INDUSTRIAL LINE



**HIGH COOLING CAPACITY / HIGH CUSTOMIZATION / HIGH EFFICIENCY**

**BEIJER REF**

We know the art of achieving  
a perfect temperature.



### Concept

- › Provides an Industrial 'Natural' refrigeration choice
- › Industrial CO<sub>2</sub> applications with less restrictions
- › A safe, nontoxic industrial solution
- › Future proof existing and long term refrigeration strategies

### Design

- › A modular platform for your bespoke design
- › Welded frame modelled with FEA analysis
- › Stainless steel pipes
- › Easy access to all components
- › Easy maintenance

### Flexibility

- › Highly customized refrigeration system
- › Multiple applications configuration
- › PLC Management
- › Multiple heat recovery strategies

### High Capacity / High Efficiency

- › New generation high capacity/efficiency compressors
- › Liquid ejector
- › Vapour ejector
- › MT from 300 kW to 1550 kW LT from 100 to 600 kW

# CO<sub>2</sub> INDUSTRIAL NATURAL REFRIGERATION CHOICE

## CO<sub>2</sub> is non-flammable

this means the electrical panel can be in same room as plant saving on plantroom and installation costs

## CO<sub>2</sub> is non-flammable

this means that there is no requirement for ATEX fans etc

## CO<sub>2</sub> is non-toxic

has no charge limitation / concerns and can be used over a wide platform

## CO<sub>2</sub> packs will have multiple compressors

which will provide built in resilience should a compressor fail

## CO<sub>2</sub> PROPERTIES

## CO<sub>2</sub> does not require regular compressor

overhaul saving on maintenance costs

## CO<sub>2</sub> is compatible with copper and K65 pipe

so installation costs can be reduced as no requirement for welding

## CO<sub>2</sub> with copper pipes is a cleaner installation

than welded pipes and is not so susceptible to corrosion

## CO<sub>2</sub> is now a business as usual' refrigerant in commercial installations

so can easily transfer to industrial, larger pool of companies and engineers to provide installation and service