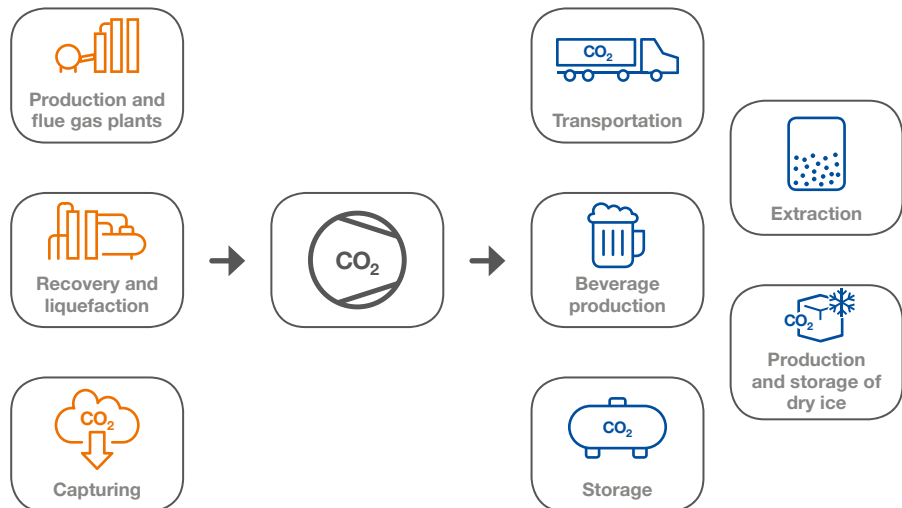


COMPETENCE IN CO₂ COMPRESSION

Our Purity Law: Absolutely Oil-free!

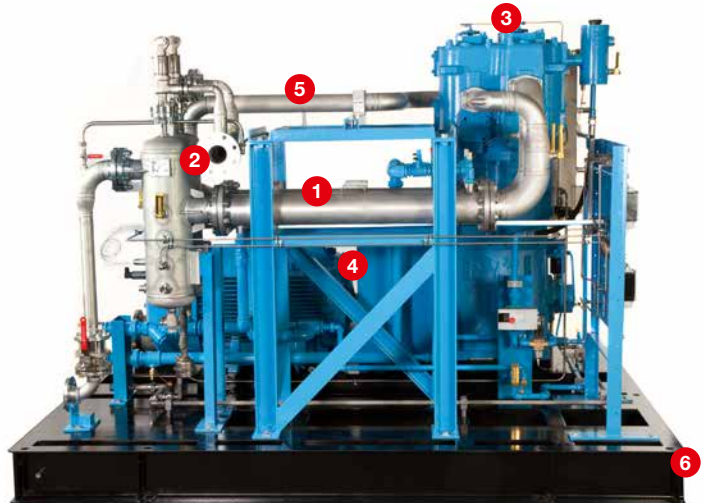
 Production
 Applications



COMPETENCE IN CO₂ COMPRESSION

Your Benefits

- Clean CO₂ without complex cleaning procedures due to absolutely oil-free compression
- Customized realization – compressor units or complete compressor systems
- Proven and reliable solutions due to longstanding experience
- Minimal production space requirements because of compact vertical design
- High production and process reliability



Your Applications

- CO₂ recovery
- CO₂ extraction processes
- CO₂ as inert gas
- Dry ice production
- etc.

- 1 Shell and tube heat exchanger in stainless steel
- 2 Separator in stainless steel with automatic condensate drains
- 3 Diaphragm-operated valve lifting for volume flow control
- 4 Drive engine with frequency converter
- 5 Gas line completely in stainless steel
- 6 Base frame for isolated or stationary installation

Technical Data

Construction type	Dry-running piston compressor
Gas type	CO ₂
Compressor cooling	Air- or water-cooled
No. of stages	2
Availability	>97%

Compressor type	Volume flow in kg/h	Suction pressure bar (a)	Final pressure bar (a)
TRZ 200	≤20	Atmospheric	20
TRZ 300	≤80	Atmospheric	20
TZL 40	≤150	Atmospheric	20
TZW 50	≤150	Atmospheric	20
TZW 60	≤300	Atmospheric	20
TZW 70	500	Atmospheric	20
TRZ 1000	1000	Atmospheric	20
TVZ 900	1500	Atmospheric	20
2 x TRZ 1000	2000	Atmospheric	20
2 x TVZ 900	3000	Atmospheric	20

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