

Los beneficios

1

Ahorro en la compra de CO2

2

Menor consumo de agua

3

Reducir la huella de carbono

4

Seguridad y comodidad del personal

5

Mejorar la calidad de la cerveza



Nuestros equipos recuperan su CO2

Nos apoyan

DEMEA
INVEST

bpi**france**

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PÔLE D'INNOVATION EN AGROÉCOLOGIE

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La
FRENCH TECH
BORDEAUX

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 @ CO2 Brasserie



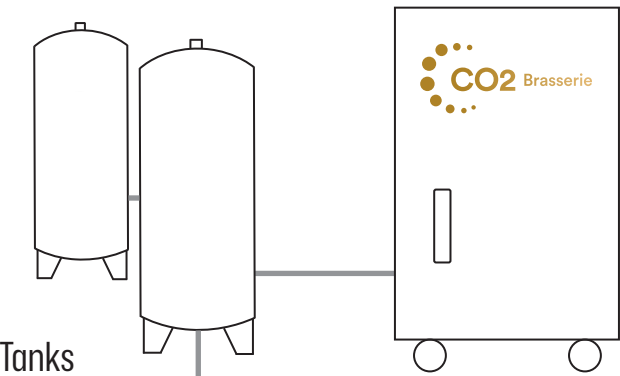
Captación de CO2 fermentativo y reuso en cervecerías

Economía circular

Breweries from 1 000 to 10 000 hectoliters

MICRO CO2 BOX

- Captured CO2 quality analysis unit
- CO2 purification (drying, bacterial filtration, etc.)
- Compression of CO2 from 8 to 12 bar
- Captures 12 to 50 kg of CO2 per day
- Automated system with parameter setting CO2 quality
- Remote system supervision option
- Option to measure CO2 levels, temperature and humidity in the brewery with an alarm system



Micro CO2 Box
CO2 analysis and purification
Compressor included



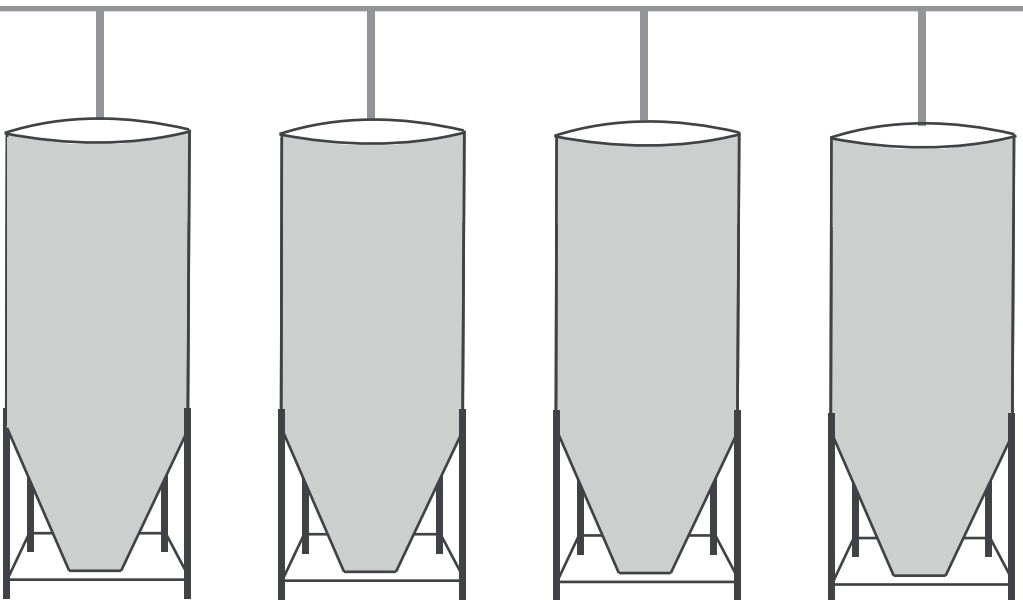
Tanks

- Tanks ranging from 3 000 L to 8 000 L that can be connected in series to store CO2 at 8 or 12 bar
- 1 000 L tank: storage capacity of 14 kg at 8 bar
- Equipment: manual drain, pressure gauge, and calibrated relief valve
- Food-grade internal coating



CO2 capture and utilization system for breweries

Collection Network



Fermenters

Inert the drums

Carbonate the beer



Distribution Network



Inert the fermenters



Inert the bottles



Carbonate the water

Breweries of 5 000 hectolitres and over

CO2 BOX

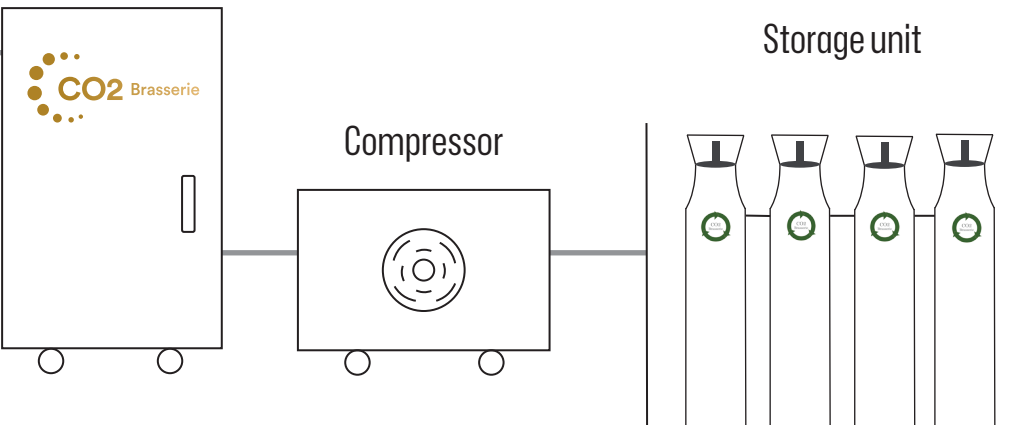
- Captured CO2 quality analysis unit
- CO2 purification (drying, bacterial filtration, etc.)
- CO2 compression from 20 to 200 bar (gaseous or liquid state)
- Compression capacity ranging from 150 kg to several tonnes per day
- Automated system with configurable CO2 quality settings
- Remote system monitoring
- Monitoring of CO2 levels, temperature, and humidity within the brewery, including an alarm system



CO2 Box
CO2 analysis and purification

Compressor

Storage unit



Storage Unit

- Allows for CO2 storage pending reuse
- Unit consisting of 6 cylinders (200 kg) or 12 cylinders (400 kg)
- Optional distribution unit to feed stored CO2 into the CO2 network



Once captured, analyzed, purified, and compressed, the CO2 can be reused within the brewery in various ways, depending on the objectives, or resold.