

# Carbonation/ Nitrogenation

High Concentration Unit

---

For beverage  
carbonation/nitrogenation  
in batch mode

- All types of beverages
- Precise CO<sub>2</sub>/N<sub>2</sub> dosing
- Integrated CIP
- Integrated cooling
- Direct connection to the filler

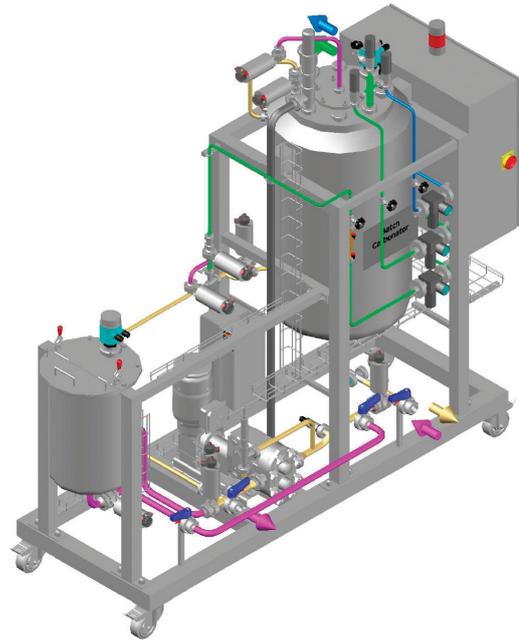


## Principle

Batch carbonator is a unit made for carbonation / nitrogenation and cooling of a small amount of product in off line mode. The system is designed for most efficient carbonation / nitrogenation of product with a wide range of CO<sub>2</sub> or N<sub>2</sub> content.

CO<sub>2</sub>/N<sub>2</sub> is injected into the product using Bucher Denwel Injector during circulation process. Requested pressure and temperature is kept in the product tank during carbonation and nitrogenation.

The unit is equipped with integrated CIP tank.



## Technical data

Carbonation:	up to 10 g/l, 5 V/V
Nitrogenation:	up to 60 ppm, mg/l
Capacity:	batch production
Temperature:	product cooled down to 2 °C, 35 °F
CIP:	integrated CIP vessel and heating up to 90 °C, 200 °F
Connection:	Tri-clamp
Dimensions:	from Height 2,3m, 75"; Width 2,2m, 72"; Depth 0,9m, 29"
Material:	Stainless Steel 304, EPDM, PSU, PP
Frame:	Mobile
Weight:	from 550 lb, 250 kg
Material:	Stainless Steel 304, EPDM, PE, PSU, PP

### Models:

DCS120B	DN 25	1"	30 to 120l	7,5 to 30 gal
DCS300B	DN 40	1½"	75 to 300l	19 to 75 gal

### Bucher Denwel, spol. s r.o.

K Hajum 2  
155 00 Praha  
Czech Republic  
+420 270 007 400  
sales@bucherdenwel.com  
bucherdenwel.com

### Technical support

+420 777 747 728  
service@bucherdenwel.com

### Products

We develop and produce a wide range of specialized equipment and provide engineering solutions dedicated to help brewers to optimize their processes.

Combining experience and innovation we build safe and reliable Cold Blocks, supply brewing equipment such as Filtration, Beer recovery systems, Yeast plants, Water Deaeration, Blending, Carbonation, Dosing, Hard Seltzer units, Flash Pasteurization and CIP.

### Services

We have a global presence. Our sales and service network is always available for you to provide consultancy, technical support and after sales service.