

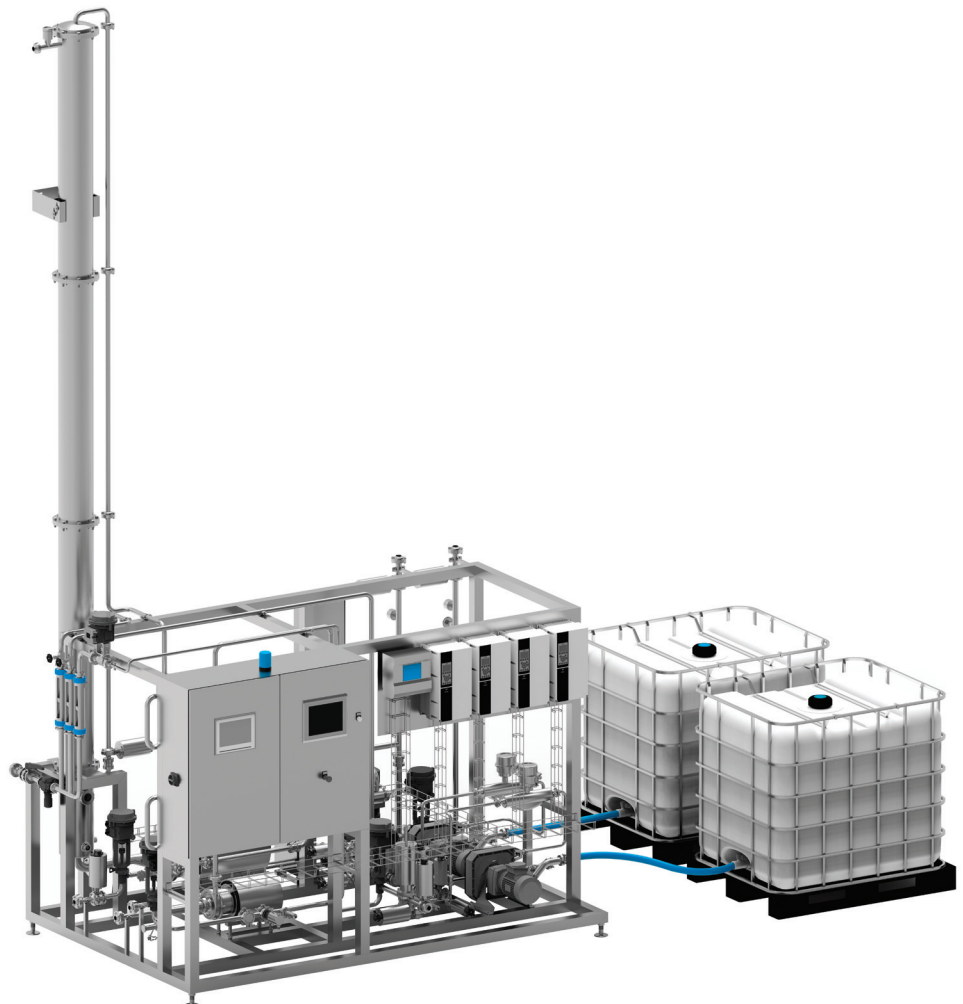
# Hard Seltzer

Continuous unit

---

Customized continuous technology for production of mixed drinks

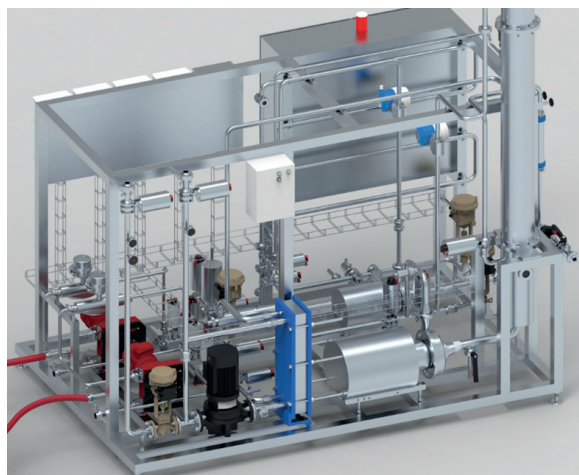
- Continuous and precise production of mixed drinks
- "Just in Time" production without the need for storage and conditioning vessels
- Immediate switch over to another product with minimal losses
- Numerous individual recipes



## Principle

Hard Seltzers and other RTDs are bespoke beverages that should be custom blended to the producer's wishes. Hard Seltzer continuous units offer "Just in Time" production without the need for large storage and conditioning vessels. The modular and CIP-able design supports set up of bespoke systems to reach any of the ambitious demands.

Microbiologically clean potable water is provided by a Filter set, unnecessary oxygen is efficiently removed by Water Deaeration Column system after. Without the need of water storage, concentrate is precisely blended and liquid additives dosed from a container or from a mix preparation tank. Unique carbonation and/ or nitrogenation process provides zero-loss of gas, flavor and time. The intuitive touch panel displays and allows the recipe based operations.



## Technical data

Potable water filtration	Particle size ≤ 0,2 µm
Water Deaeration	
Final Oxygen:	less than 10 ppb, typically around 5 ppb
Gas Saturation:	app. 2 g/l CO <sub>2</sub> or app. 20 mg/l N <sub>2</sub> (water temperature dependent)
Blending	up to 10:1, ratio / analyzer control
Multistream Additive Dosing	up to 10%, ratio / analyzer control
Carbonation and/ or Nitrogenation	up to 8 g/l, 4 V/V (P & T dependent)
up to 50 mg/l (P & T dependent), ratio / analyzer control	from 100 kg, 220 lb
Chilling	down to 0 to 5°C
Water Inlet:	2 to 4 barg, 30 to 60 psig, < 1 µm particles
8 to 30 °C, 40 to 90 °F	Stainless Steel 304, EPDM, PE, PSU, PP
Beverage Outlet:	1,5 to 3 barg, 22 to 44 psig, 0 to 5 °C, 32 to 40 °F
CIP:	2 to 4 barg, 30 to 60 psig; max. 90 °C, 200 °F
Connection:	Tri-clamp; other connections upon request
Dimensions:	from Height 5,5m, 16,4'; Width 2,0m, 6,5'; Depth 1,5m, 4,9'
Weight:	from 700kg, 1.500 lb
Material:	Stainless Steel 304, EPDM, PSU, PP

### Models:

DHS050C	DN 40	1 ½"	20 to 50 hl/h	9 to 22 gpm	18 to 42 bbls/h
DHS100C	DN 50	2"	40 to 100 hl/h	18 to 44 gpm	35 to 85 bbls/h
DHS150C	DN 65	2 ½"	60 to 150 hl/h	27 to 66 gpm	52 to 127 bbls/h
DHS200C	DN 65	2 ½"	80 to 200 hl/h	36 to 88 gpm	69 to 170 bbls/h
DHS300C	DN 80	3"	120 to 300 hl/h	53 to 132 gpm	103 to 225 bbls/h
DHS500C	DN 100	4"	200 to 500 hl/h	88 to 220 gpm	171 to 426 bbls/h
DHS750C	DN 125	5"	300 to 750 hl/h	132 to 330 gpm	256 to 639 bbls/h
DHSA00C	DN 150	6"	400 to 1000 hl/h	176 to 440 gpm	341 to 852 bbls/h

### 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.