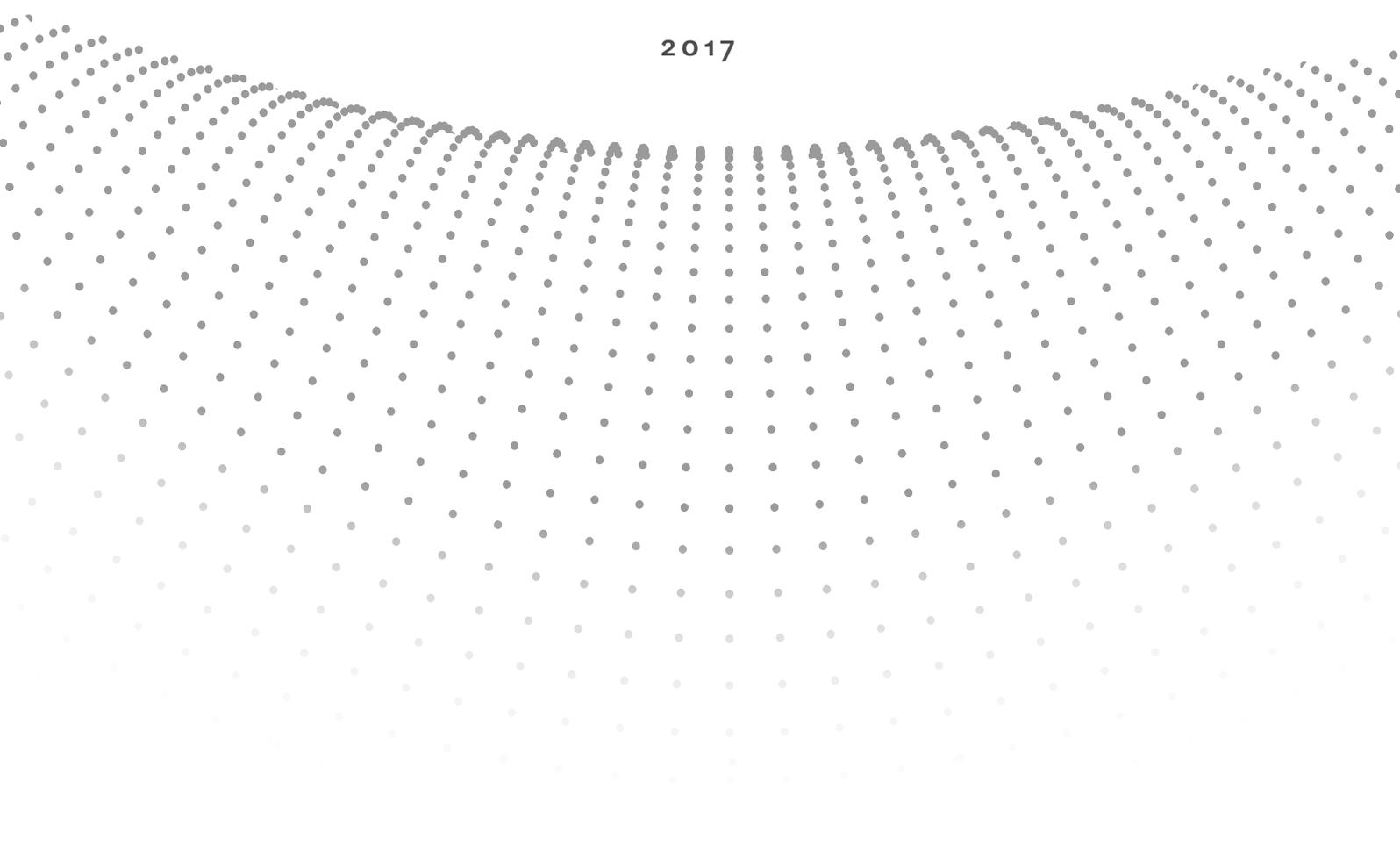




BEER PRODUCTION EQUIPMENT

2017





The company Letina produces stainless steel tanks and equipment for wine, beer, food and chemical industry. In our own manufacturing facilities on area larger than 10.000 m² with help of superior technology our high quality products are being developed and produced. Total capacity of yearly manufactured tanks is around 20.000.000 liters.

CONTENT



Monoblock Brewhouse System

The monoblock brewhouse system includes set of vessels on skids, connected with piping system and pumps for liquid and pomace transfer.

It is equipped with intuitive control panel with automatic temperature control and pump and mixer speed control.

Different brewing programs can be stored.

Nominal brewhouse volume is the volume of one batch.



EQUIPMENT

- premasher for malt mashing
- mash tun, lauter tun, brew kettle and whirlpool, with rockwool insulation and stainless steel clad
- pomace emptying system
- pumps and piping for pomace and wort transfer
- pipeline with CIP spray balls for complete washing of the brewhouse
- skids, gangway and stairs made of stainless steel
- el. box with intuitive control panel with automatic temperature, pump and mixing control
- heat exchanger for wort cooling on the exit, with aerating system, flow control valves and filter. It can be single or dual stage.
- the possibility of integration of a flow meter for water input and wort output
- the possibility of integration of a radar level meter in the brew kettle

We are producing the following basic types:

So-called European (German) type with combo Mash tun/Brew kettle + Lauter tun/Whirlpool

So-called English/American type with combo Mash/Lauter tun/Whirlpool + Brew kettle

Type with Mash/Lauter tun/Hot liquor tank + Brew kettle/Whirlpool

TYPES & VOLUMES

Basic models and nominal volume per batch

TYPE	VOLUME
B3.5B	420 l
B5	500 l
B7B	830 l
B10	1000 l
B20	2000 l

Other sizes are available on request



Interior of the Lauter tun with system of nozzles for wort rinsing and CIP spray balls.



All controls and informations at one place on an advanced and practical control panel



The complete piping system and valves for the fluid transfers are made of high quality stainless steel



ZB Tank

Combined fermentation and maturation stainless steel tanks

ZB Tanks are closed tanks for fermenting the wort and they can be used for beer maturation and storage. They are made of high quality stainless steel.

The tanks are equipped with manhole cover, a thermometer, a pressure regulator, safety valve, vacuum valve, spray ball, dual-zone cooling jacket, insulation, drain and racking valves.

On request, the tanks can be equipped with sight gauge and with fitting for carbonization stone. The position of the doors on the tank can be also selected. Outside finishing can be brushed (Scotch Brite) or circle polished.

Operating pressure of ZB tanks is up to 3 bar. Any dimensions other than listed in the table can be manufactured according to customer requirements.

TYPES & DIMENSIONS

Type	Diameter (mm)	Total height (mm)	Useful volume (l)	Total volume (l)
ZB 500 A9	918	2300	500	650
ZB 1000 A12	1077	3000	1000	1300
ZB 1500 A12	1236	3100	1500	1850
ZB 2000 A14	1395	3300	2000	2500
ZB 3000 A15	1523	4100	3000	3900
ZB 4000 A17	1714	4200	4000	5200
ZB 5000 A19	1873	4400	5000	6400



ZBB Tank

Beer maturation and storage tanks

ZBB Tanks are closed tanks for beer maturation and storage. They are made of high quality stainless steel.

The tanks are equipped with manhole cover, a thermometer, a pressure regulator, safety valve, vacuum valve, spray ball, cooling jacket, insulation, drain and racking valves.

On request, the tanks can be equipped with sight gauge and

with fitting for carbonization stone.

The position of the doors on the tank can be also selected.

Outer finishing can be brushed (Scotch Brite) or circle polished.

Operating pressure of ZBB tanks is up to 3 bars. Any dimensions other than listed in the table can be manufactured according to customer requirements.

TYPES & DIMENSIONS

Type	Diameter (mm)	Total height (mm)	Useful volume (l)	Total volume (l)
ZBB 500 A9	918	1800	500	60
ZBB 1000 A12	1077	2400	1000	1250
ZBB 1500 A12	1236	2600	1500	1850
ZBB 2000 A14	1395	2600	2000	2450
ZBB 3000 A15	1523	3200	3000	3750
ZBB 4000 A17	1714	3300	4000	4950
ZBB 5000 A19	1873	3400	5000	6000

TYPES & VOLUMES

Basic models and nominal volume per batch

TYPE	VOLUME
B3.5B	420 l
B5	500 l
B7B	830 l
B10	1000 l
B20	2000 l

Other sizes are available on request



Interior of the Lauter tun with system of nozzles for wort rinsing and CIP spray balls.



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The complete piping system and valves for the fluid transfers are made of high quality stainless steel



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