

MINI BREWERIES





The company EBIA CZ deals with the manufacture, development and construction of equipment and accessories of stainless steel, primarily in the manufacture and establishment of mini breweries.

MINI BREWERIES



We are member of a group with nearly 20 years of successful business history.

EBIA CZ s.r.o. employs experienced and qualified staff prepared to help you resolve your demanding professional requirements within the area of technology of brewery manufacture.

As an experienced manufacturer of mini breweries we offer complex services including consultation and proposals for the optimum technological design, project preparation with maximum respect for individual requirements and needs of the customer, quality craftsmanship, commissioning in the presence of experienced brewers, operator training, warranty and post-warranty service, as well as possibilities of regular training.

Breweries supplied by our company allow for beer brewing by all known technologies and production of a whole portfolio of various beer types. Our solutions emphasize not only design but also effective and economical operation on all management levels from manual to fully automated systems.

OUR MISSION


- To provide complex portfolio of products and services for pub-breweries, mini breweries and small Industrial breweries in high quality standards.
- To continually work on innovations and improvements.
- To maximize the product value for the customer.
- As always we look forward to serve our customer with passion, responsibility and enthusiasm as a team and in mutual trust.

OUR BUSINESS

- EBIA CZ brings experience and professional advanced technologies to solve challenges and to deliver our partners long-lasting, energy saving and innovative brewery plants

OUR STRENGTHS

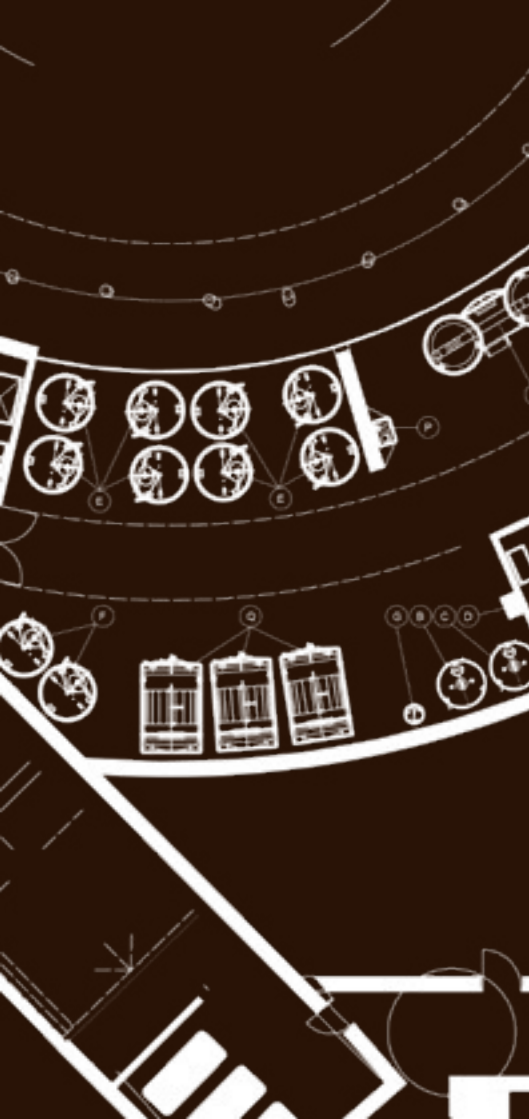
- Great product, great technologies, great people
- Strong customer relationship
- Global competitiveness
- Emphasis on customer support and help

A photograph of a large industrial facility, likely a brewery, featuring several tall, cylindrical stainless steel tanks. The tanks are equipped with various pipes, valves, and ladders. The background shows a spacious industrial hall with high ceilings and structural beams. A semi-transparent dark circle is overlaid in the center of the image, containing white text.

MANUFACTURED
IN CZECH REPUBLIC,
ALL PARTS MADE
IN THE EU

SERVICES

- **Turn-key production of breweries**
- Production of brewery components based on the customer's own or supplied documents
- Design and engineering
- Preparation of recipes and technical manuals
- Expert assistance during commissioning
- Expert supervision of the brewery operation
- Training of the personnel and follow-up training
- Assistance when choosing suppliers of raw materials or additional materials
- Regular service checkups



10 GOOD REASONS TO HAVE OWN MINI BREWERY





6

Incomparably faster
return on investment than
in the case of a traditional
restaurant

8

Sharp rise in the sales
and profit from total
operation, speeding up
further investments

10

Minibreweries with
sales up to 10,000hl
of beer a year often
have considerably lower
excise tax rate than
big breweries

7

Independence from
the major beer suppliers

9

High professional and
personal prestige among
consumers within this
business sector

BASIC TECHNICAL REQUIREMENTS

BASIC TECHNICAL REQUIREMENTS

YEARLY SALES

Up to 500 hl/year
Up to 1,000 hl/year
Up to 1,500 hl/year
Up to 3,000 hl/year
Up to 5,000 hl/year
Up to 10,000 hl/year
Up to 20,000 hl/year

SPACE FOR TECHNOLOGY

50–70 m ²
80–100 m ²
90–110 m ²
130–150 m ²
180–220 m ²
300–350 m ²
450–500 m ²

ENERGY

ELECTRIC ENERGY: 3× 380/220 V, 50 Hz

Total installed capacity: up to 1,500 hl/year	45 kW
Total installed capacity: over 1,500 hl/year – depending on the Type of the heater of the brew house	from 35 to 220 kW

OTHER ENERGIES FOR HEATING THE BREW HOUSE WITH CAPACITY OVER 1,500 hl/year

External source of steam	200 kg/h
Natural gas	23 m³/h
Light fuel oil	19 kg/h
Electrical energy	180 kW

HEIGHT REQUIREMENTS

ROOMS WITH A BREW HOUSE UP TO 1,000 l

min. 3.0 m

ROOMS WITH A BREW HOUSE OVER 1,000 l

min 3.5 m

Values listed above are indicative.

BREWING FROM EXTRACT

An economic brewery variant, suitable for hotels and restaurants, with minimum space demand, simple waste disposal, low energy demand, extensive time-saving and simple operation.



CLASSICAL BREWING

Complex brewery technology for classical brewing. Allows for brewing by both infusion and decoction methods, top and bottom fermentation. According to the equipment selected, the beer may be filtered, bottled to KEG barrels, glass bottles or PET containers. A great variability of sets and combinations including multi-tank brewhouses.





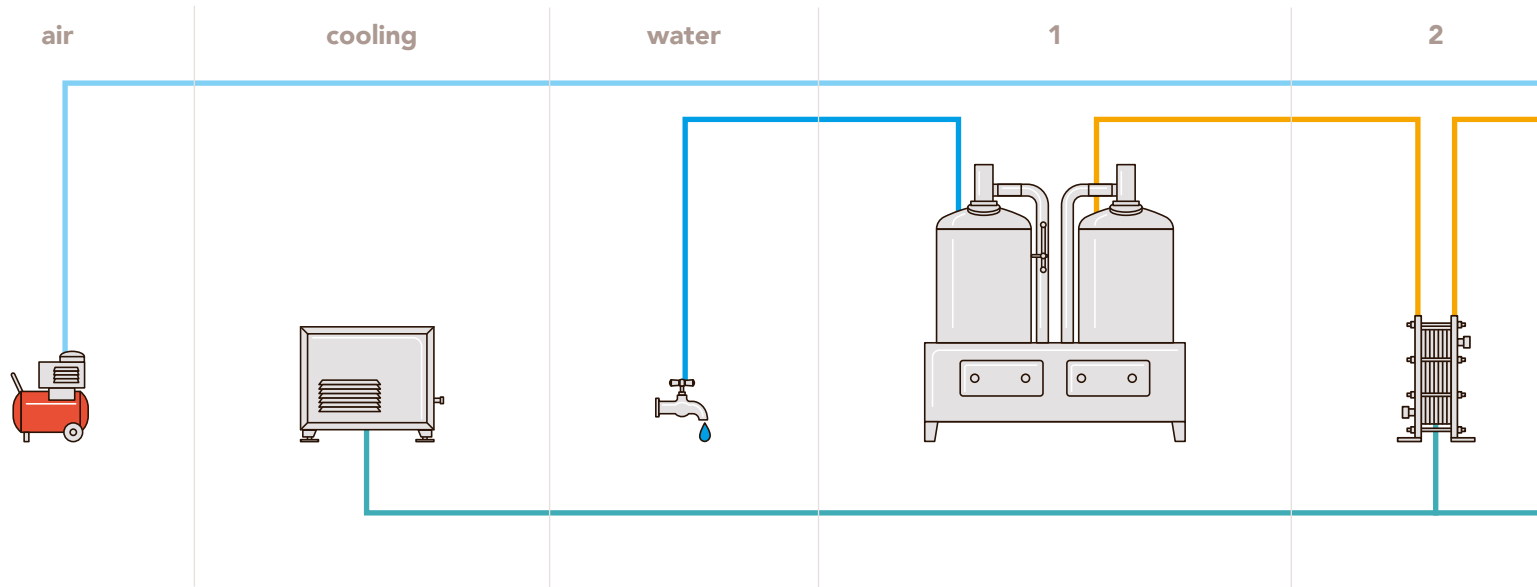
The image shows the interior of a pub named Charlie's Square. In the foreground, two large, vertical stainless steel brewing vessels, likely mash tuns or wort chillers, are prominent. They have conical bottoms and are connected by a network of pipes. The vessels are partially enclosed by a light-colored wooden railing with square cutouts. In the background, a bar area is visible with various bottles and equipment. The wall behind the bar features the pub's name, "charlie's square", in a stylized font, with a small silhouette logo above it. The ceiling has a modern design with recessed lighting and blue accents. The overall atmosphere is industrial and contemporary.

charlie's square



COUPLE OF EXAMPLES >

BREWERY SET FOR BREWING FROM MALT EXTRACT



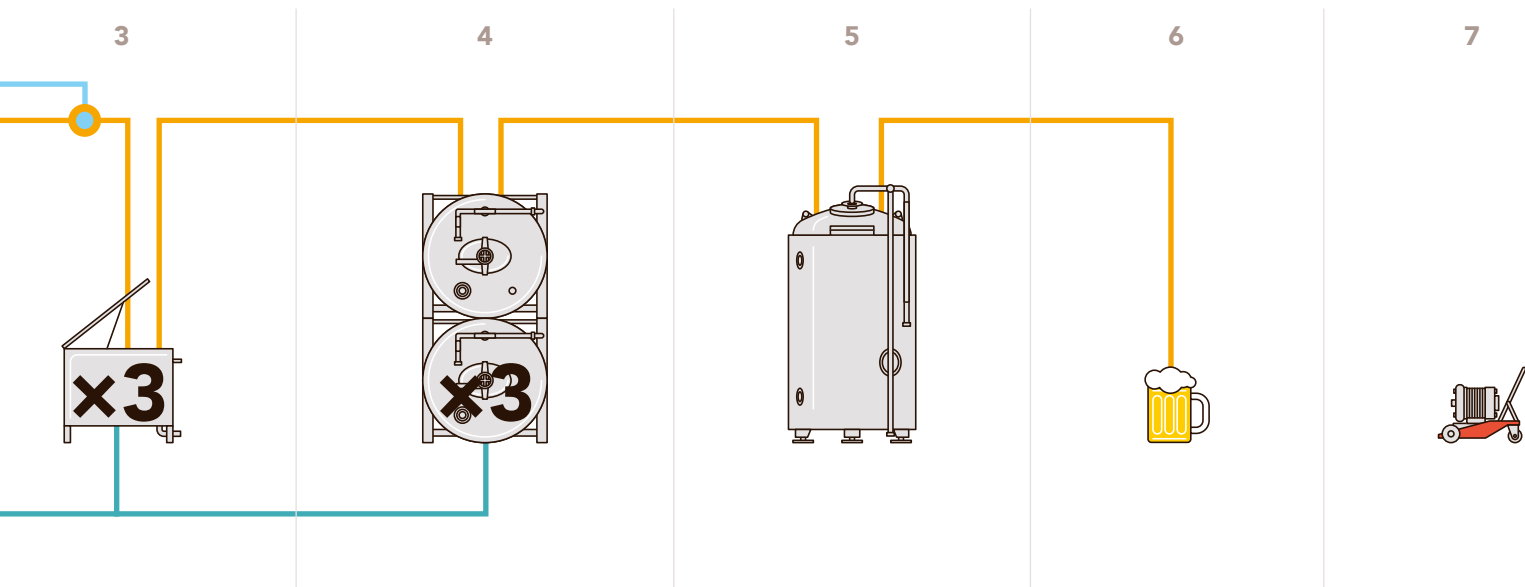
Annual capacity

780 hl / 204 batches a year (4 batches a week)

Annual capacity may be changed by the number of fermenting tubs and lager tanks up to the capacity of 1,500 hl/year.

Legend

air
cooling
cool water
beer



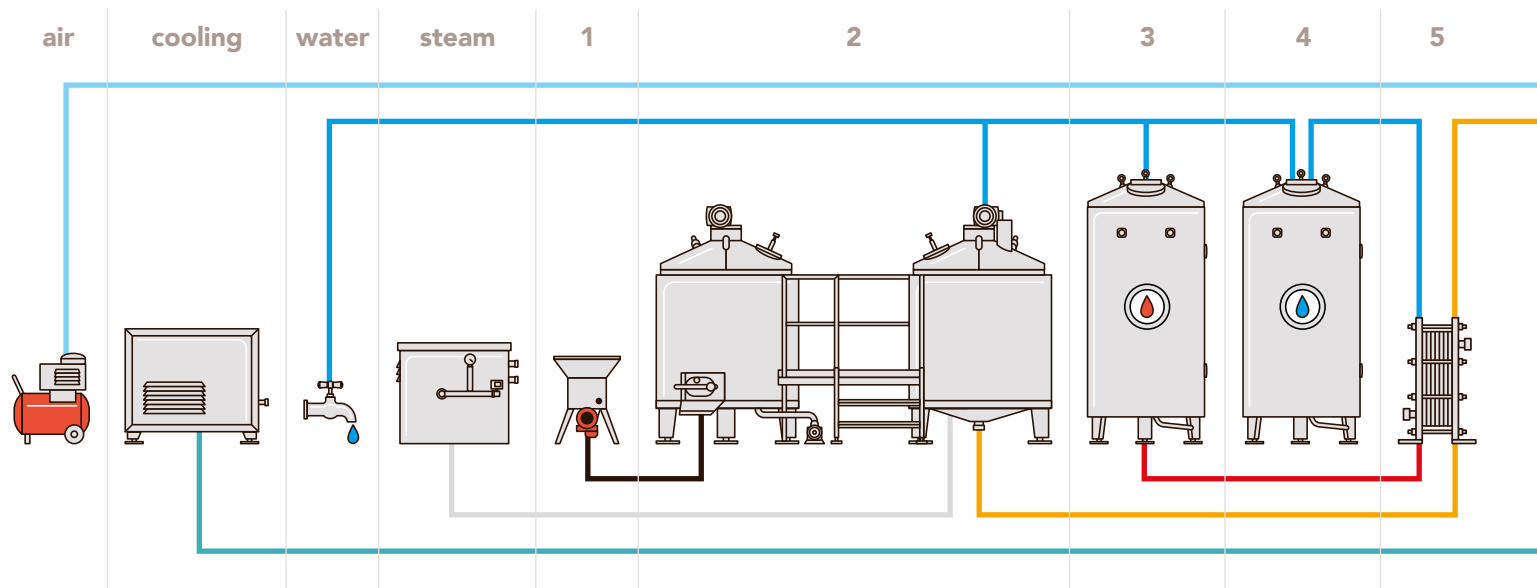
Description

air	Air compressor
cooling	Glycol cooling unit
water	Source of drinking water
steam	Steam generator

1	Brewhouse (375 l)
2	Plate cooler
3	Fermenting tub (750 l)
4	Lager Tanks (750 l)

5	Serving Tank (750 l)
6	Beer
7	Sanitation pump

BREWERY SET FOR CLASSICAL BREWING – 5 hl BATCHES



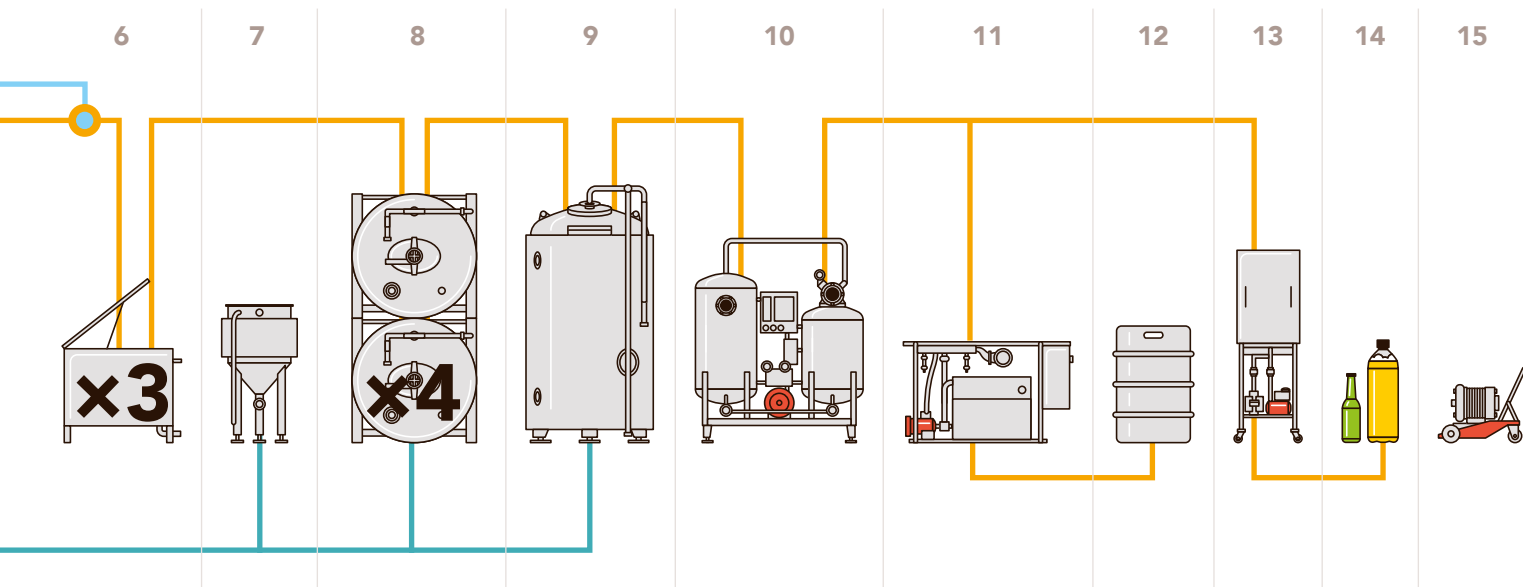
Annual capacity

1,000 hl / 200 batches a year (4 batches a week)

Annual capacity may be changed by the number of fermenting tubs and lager tanks up to the capacity of 2,500 hl/year.

Legend

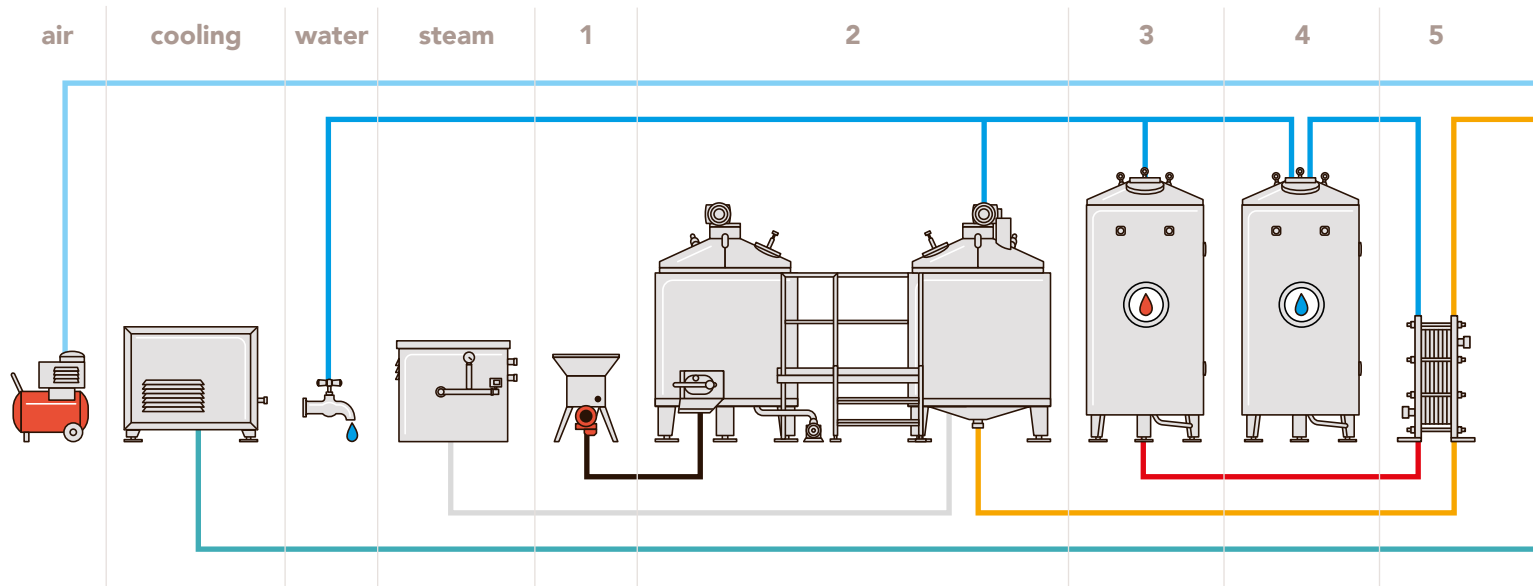
air	
cooling	
cool water	
hot water	
steam	
malt	
beer	



Description

air	Air compressor	4	Cold water tank (700 l)	11	KEG washer and filler
cooling	Glycol cooling unit	5	Plate cooler	12	KEG barrel
water	Source of drinking water	6	Fermenting tub (1,000 l)	13	Bottling device
steam	Steam generator	7	Yeast regeneration tank	14	Bottles of beer
1	Malt mill	8	Lager tanks (1,000 l)	15	Sanitation pump or CIP station
2	Brewhouse (500 l)	9	Serving tank (1,000 l)		
3	Hot water tank (700 l)	10	Filtration station		

BREWERY SET FOR CLASSICAL BREWING – 10 hl BATCH



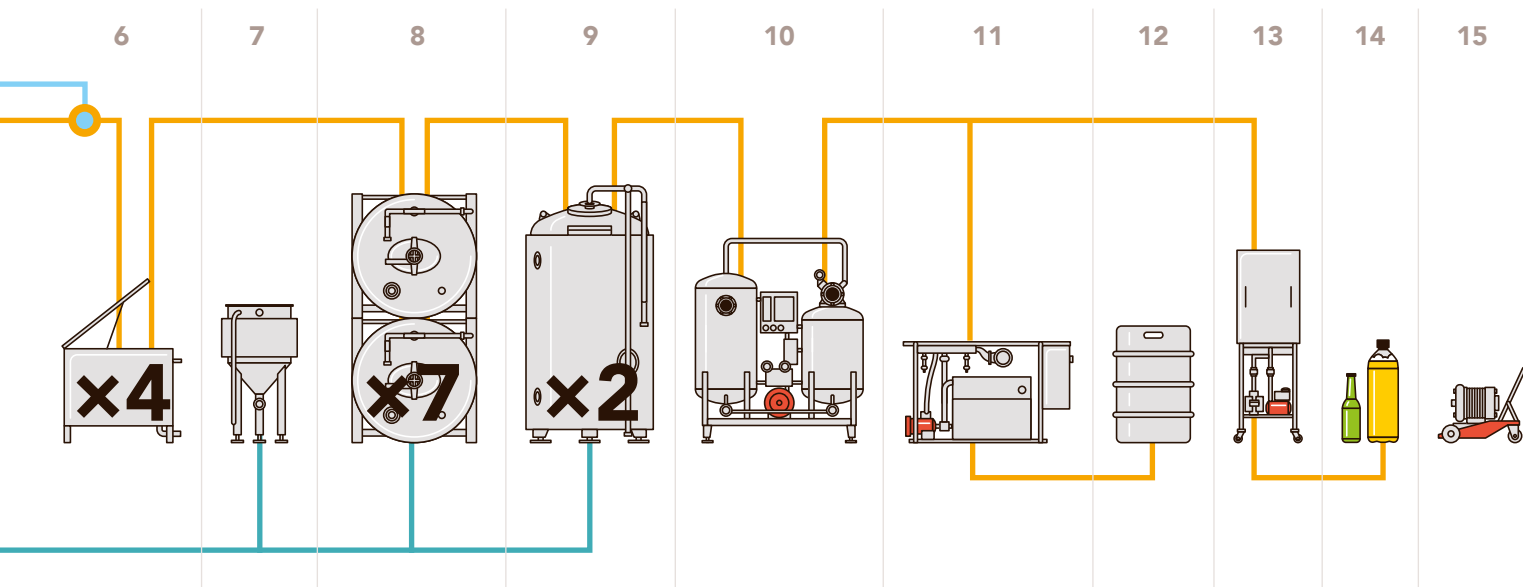
Annual capacity

3,000 hl / 300 batches a year (6 batches a week)

Annual capacity may be changed by the number of fermenting tubs and lager tanks up to the capacity of 5,000 hl/year.

Legend

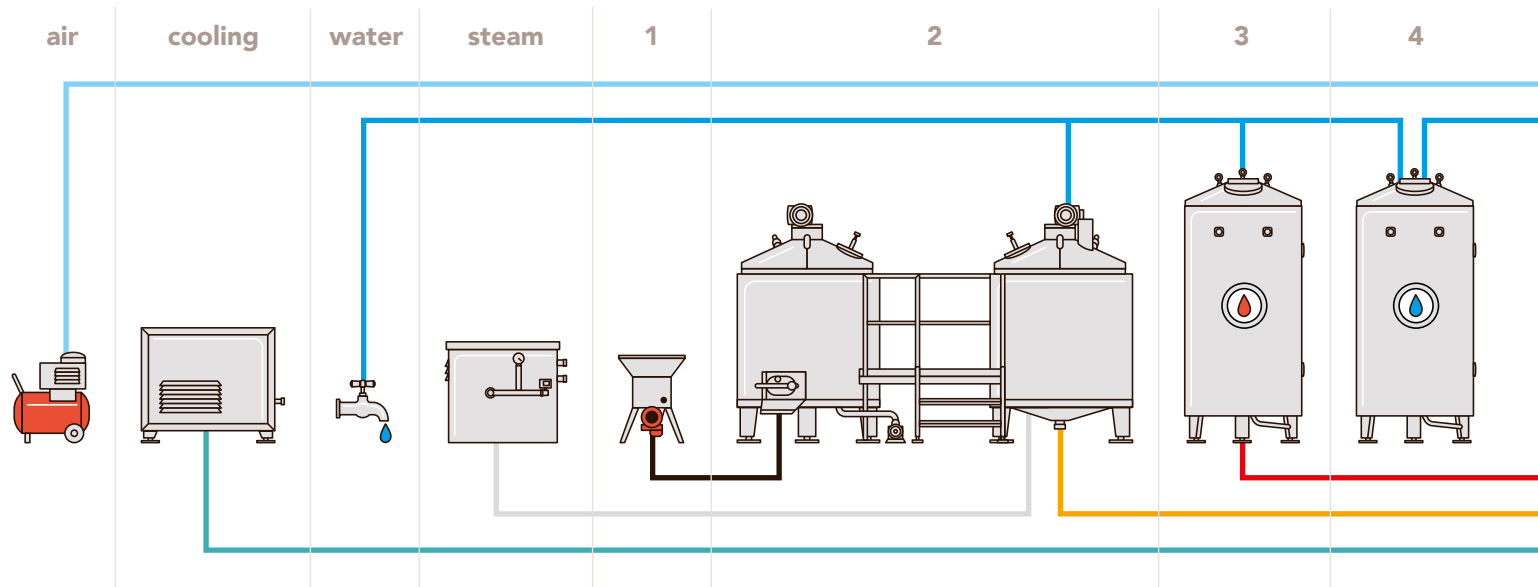
air	
cooling	
cool water	
hot water	
steam	
malt	
beer	



Description

air	Air compressor	4	Cold water tank (1,400 l)	11	KEG washer and filler
cooling	Glycol cooling unit	5	Plate cooler	12	KEG barrel
water	Source of drinking water	6	Fermenting tub (2,000 l)	13	Bottling device
steam	Steam generator	7	Yeast regeneration tank	14	Bottles of beer
1	Malt mill	8	Lager tanks (2,000 l)	15	Sanitation pump or CIP station
2	Brewhouse (1,000 l)	9	Serving tanks (2,000 l)		
3	Hot water tank (1,400 l)	10	Filtration station		

BREWERY SET FOR CLASSICAL BREWING – 20 hl BATCH



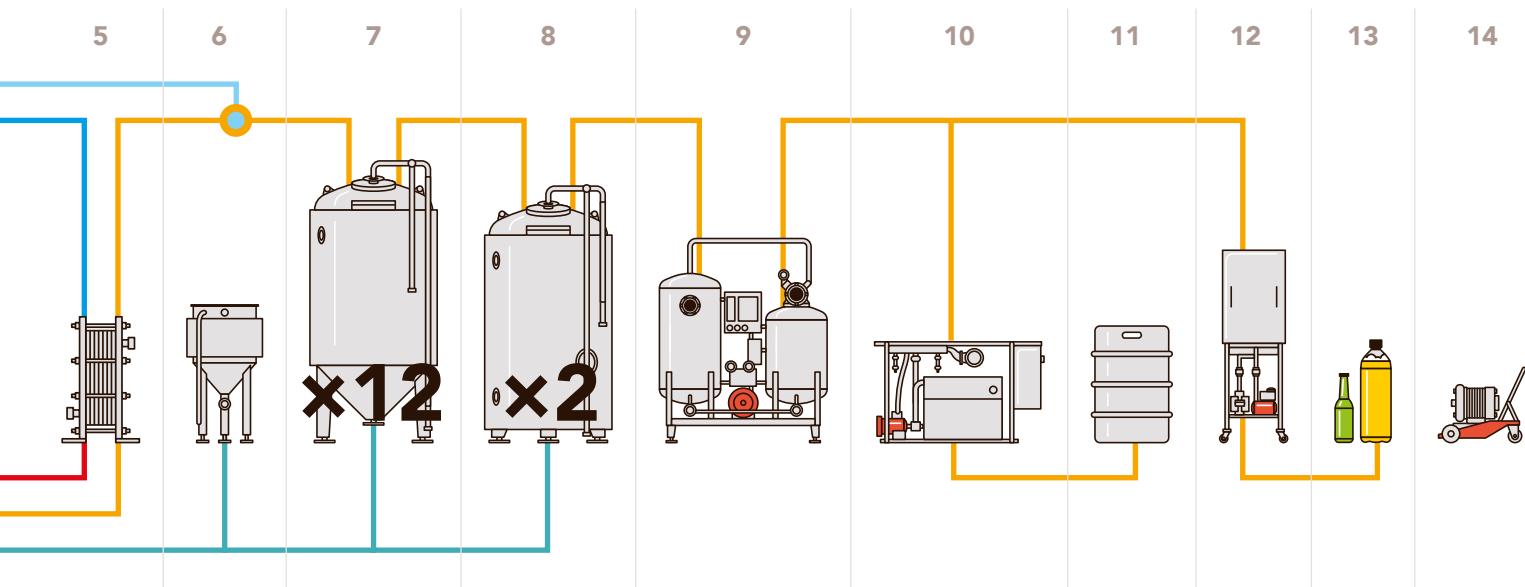
Annual capacity

7,000 hl / 350 batches a year (7 batches a week)

Annual capacity may be changed by the number of fermenting tubs and lager tanks up to the capacity of 20,000 hl/year.

Legend

air	
cooling	
cool water	
hot water	
steam	
malt	
beer	



Description

air	Air compressor	3	Hot water tank (3,000 l)	9	Filtration station
cooling	Glycol cooling unit	4	Cold water tank (3,000 l)	10	KEG washer and filler
water	Source of drinking water	5	Plate cooler	11	KEG barrel
steam	Steam generator	6	Yeast regeneration tank	12	Bottling device
1	Malt mill	7	Cylindro-conical tanks (4,000 l)	13	Bottles of beer
2	Brewhouse (2,000 l)	8	Serving tanks (4,000 l)	14	Sanitation pump or CIP station

WHAT DO I WANT?



Do I want to
brew quality beer?



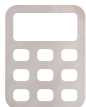
Do I want a system
that will work for years?



Do I want to brew in
sustainable manner?



Do I want energy
sufficient technology?



Do I stand for easy
and intuitive operation
and control?



Do I want the state
of the art technology?



Will I have a chance
to continually work
on upgrades and adjust
new technological
innovations?



EBIA CZ

partner in your project!

CONNECT WITH US!

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