

# Complete Brewery 10 hl

## Product Short Description:

Complete brewery including :

### BREWHOUSE

IFIND Brewhouse from 2016 capacity 10 hl with :

SOMMER UNIVERSAL 22 mill of 100 Kg/h + dust extraction

mashing tank - boiling vessel with 2 double steam jackets (bottom for mashing and bottom + walls for boiling)

1 Lauter tuner and Whirlpool underneath

1 hot water tank with 20 hl steam coil

Skid with valves, pumps and wort cooler

2-stage wort cooler : water up to 35°-40°C then glycol down to 10-11°C

The heated water from stage 1 is recovered in the hot water tank and for the boiling steam it is condensed in a cold water exchanger and then the heated water goes into the hot water tank

## **ISO and ATMO FERMENTERS & SERVICE TANKS**

- 2 IFIND cylindrical-conical atmospheric fermenters from 2016

Volume total : 12,5 hl (10 hl utile)

- 4 maturation tanks from IFIND (built 2016 & 2019)

Capacity : 1.084 L - with double cooling jacket

Tank & Jacket Working Pressures : 3/4.3 bar

- 2 MUELLER service tanks of 500 liters each

Working pressures/test Tank : 3.9/5.6 bar - Double jacket : 3/4.3 bar

- 1 control panel of fermenters and guard tanks (T° & glycol feed)

- 1 INOXPA model SE20 mobile pump from 2016

- 1 CIP tank

## **BOTTLING**

- ISO 4-head linear filler

JS MASCHINEN from 2017 type H4 (tank volume 35.5 L) - Stainless steel 304

Capacity 400 bph x 33 cl (can do from 33 to 100 cl)

- DMC labeling machine type MEGA2 R from 2018

Body label and back label

Minimum maximum dimensions from 50 to 120 mm

500 bottles/hour

With thermal transfer marking

- 1 manual capping machine

## **GENERAL SERVICES**

- MTA chiller type TWE EVO081 (Water cooled!) from 2016

Cooling power : 16.5 Kw - 20,000 refrigerations/hour - Refrigerant : R407C

Total power consumption : 5.19 Kw

- water treatment plant with DUPLEX 26/34E water softener from ODYSEE ENVIRONNEMENT + 200 liters/hour reverse osmosis + 500 liter buffer tank

ATLAS-COPCO LFX 2.0 - 10 TM 90 CE 10 bar air compressor +

FX1 from 2014 (refrigerant R134A) with 90 litre buffer tank - Capacity 2.53 liters/second

For plant air but also for wort aeration

- 2 steam generators (electric & modular : 1 of 30 Kw and & of 60 Kw)

GHIDINI BENVENUTO type maxi combi 60 from 2016 - Installed power 47.3 Kw

Steam pressure: 8.5 bar - Steam temperature: 178 C°.

- Laboratory equipment including 1 Haffmans

### **Product Gallery:**





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