

5312017 TECHNICAL MACHINE SHEET

Product: Brewhouse Steinecker 700 hl / brew, 2.3 Mio hl/annum, year 1999
Product number: 5312017
Manufacturer: Steinecker
Manufacturer's type: Complete brewhouse
Manufacturing year: 1999
Capacity: 700 hl/brew
Status: Installed
Condition: Very good

Pictures:



JADE Machine Description:

This is complete brewhouse equipment from mash tank to wort cooler made by Steinecker in year 1999. It has 2 mash tanks, Lauter tun Pegasus model. Wort kettle has internal boiler. It has Steinecker BOTEK control system with Siemens Simatic S7 PLCs. Brew house was in operation till end of 2013 and all equipment are still installed, intact and in very good condition.

Brewhouse is not any more complete and the following items are missing:

- Premash tun
- Compressor for spend grains
- Wort cooler
- CIP station
- Some valves

Brewhouse main production data:

- Used brew volume 700 hl / brew
- Beer gravity 11,8 Plato
- 12 000 kg malt / brew
- Production capacity 11.5 brew / day without CIP (10.3 with)

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Brewhouse Steinecker 700 hl year 1999

- Mash tun Steinecker, 2 units, 869 hl, D=5300, H=5625, heating (18,3 + 30,3 m²), speed 1,5 °C/min.
- Lauter tun Steinecker, 1374 hl. D=10.000, 500 hl/h., 27 cm. grain bed high, 80 Lautertaps DN32, (12000 kg.)=153 kg/m².
- Spent grain bin 25 m³. with conveyer capacity 0.35 t/min. L=5500, H=3225, W=2430
- Weak wort tank, 165 hl. D=2540, H=3800
- Pre-run tank, D=5100, 949 hl.
- Wort kettle Steinecker, 1067 hl. D= 5800, H=5650, heating 68,3 m³, evaporation: 8%/h
- Heat exchanger for wort heating, 360 m², steam: 3500 L, 5 bar., wort: 5900 L, 3 bar. 158 °C
sreed10% (73 hl/h) 104 °C.
- Hop dosing tank – 2 units, 5 hl, D=800, H=1600
- Whirlpool Steinecker, 906 hl. D=6200, H=4800, (wort level:Diameter = 1:2,56)
- Condensate tank, D=1400, 45 hl. 4 bar. t=200 °C.
- Trub tank, 87 hl. D=2400, H=4250, IMA, 1999.
- Sugar tank – 2 units, 2 pcs 300 hl., D=3700
- Spend grains silo – 2 units, 200 m³, Ponndorf.
- Cold water tank, 3200 hl., D=4800, H=18350. IMA
- Warm water tank, 5000 hl., D=6000, H=18400. IMA
- Water boiler, 0.58 hl.
- Ice water tank, 1600 hl., D=4000, H=12100. IMA
- Ice water heat exchanger, 10 bar, 100 °C.
- Electrical control cabinets.