

5422017 TECHNICAL MACHINE SHEET

Product: Mash Filter MEURA 2001 with 62 pcs of 1800 x 2000 mm plates
Product number: 5422017
Manufacturer: Meura
Manufacturing year: 2002
Capacity: 460 hl/brew - 12 brews / day
Status: Installed
Condition: Good

Pictures:



JADE Machine Description:

This Meura a thin-bed, membrane-equipped, mash filter was installed in year 2002 in 460 hl / brew, 12 brews / day beer brew line and its operation was closed in year 2013 but it is still installed and powered. In 2013 it was preserved properly for long term stoppage first filled with water and later dried completely. This is a complete Meura mash filtration system from wort pump to filtered beer outlet and it includes sparging water tank with a pump and spent grain pneumatic discharge system. The mash filter has 62 polypropylene plates with membrane cloths and hydraulic jack for opening and closing of the plates. The equipment is in good condition.

The delivery includes the following equipment:

- Meura Filter with 62 plates and hydraulic system (3 kW)
- Wort pump 11 kW
- Sparging water tank 1.2 m³ with control valves
- Front end panel from infeed flow meter to outfeed flow meter
- Spent grain silo
- Spend grain discharge screw + system including pressurized air infeed system
- Pneumatic control cabinet and valve unit
- Control cabinet with Simatic S 7 PLC and frequency converters
- All related instrumentation
- Available documents and PLC (Siemens Simatic S7) program in digital format

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Technical characteristics:

Manufacturer	Meura
Manufacturer's type	Meura 2001 – 62
Made in year	2002
Capacity	460 hl / brew
Application	Mash filtration with filter press
Machine number	991013
Number of plates	62
Plate dimensions	1800 x 2000 mm
Filter section of one plate	5.6 m ²
Total filtration area	347 m ²
Sparge water rate	min 2.2 l/100 kg malt
Brews / day	up to 12
High gravity filtration	possible up to 25 Balling
Control PLC	Siemens Simatic S7-300