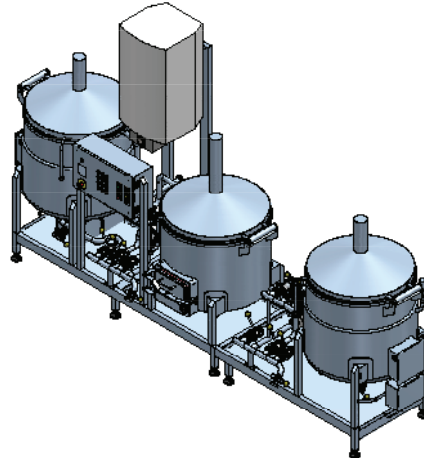


MAIN BREWERY UNIT

350lt specs on 3 vessel

TECHNICAL SPECIFICATIONS

- 350lt S/S 304 Mash tun with electrical steam heating jacket, HMI & PLC heat control
- Mash tun with a 0.55kW bottom mounted fix speed mixer @ ± 69 rpm
- Delta 4.3" HMI with door mount bracket to control mash tun & kettle steam heated jacket temperature
- 350lt S/S 304 Lauter tun with a removeable slotted false bottom plate and a side mounted door
- Fix speed rake mixer @ ± 12 rpm
- 0.55kW transfer pumps with pipes manifolds and sight glasses (two manifolds with three sight glasses)
- Skid Mounts



PRESSURISED CYCLINDROCONICAL TANK

ALL FERMENTERS HAVE:

- 15° conical top
- 60° conical bottom
- Cooling jacket on the shell and bottom cone
- Supported on 3 x pipe legs with adjustable feet and spreader plates

OPTIONAL:

50mm insulation and fully welded stainless steel cladding is offered as an option.

FINISHES (INTERNAL & EXTERNAL):

2B cold rolled with all welds ground flush and strip polished to 240 grit.

TANK FITTINGS:

- 1 x sample cock
- 1 x oval manway in the shell
- 1 x outlet on the bottom dish
- 1 x 750mm wide dimple jacket on the shell
- 1 x 300mm wide dimple jacket on the cone
- 1 x cooling line
- 1 x temperature pocket and temperature gauge
- 1 x 25mm removable spray ball and bunging line



PRESSURIZED WALL-MOUNTED 'INSTANTANEOUS/STORAGE' WATER HEATER SHD 100S

Pressurized wall-mounted "Instantaneous / Storage" water heater SHD100S is suitable for supplying hot water to several outlets. For small quantities needed it works as a storage heater with 3.5 kW heating, for large quantities it works as an instantaneous water heater with 21 kW. The temperature can be set infinitely variable from approx. 35°C up to 85°.



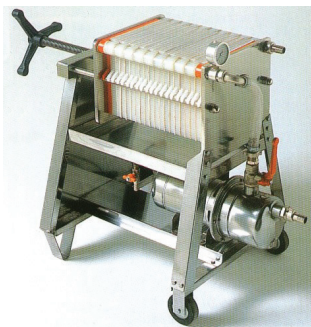
- Provides an endless supply of hot water in instant mode with specified flow rates
- Selectable temperature; 35°C to 85°C (Storage)
- This unit delivers in "Instant Mode (10lt/MIN)" = 600lt @ 40°C
- Heating-up time at 21 kW (storage vessel full of cold water) - 26min
- Power connection @ 400V~* Amps - 30.3 amps
- Circuit breaker & cable size - 35amp/6mm
- Rated power (kW) - 21kW
- Tank capacity - 100lt
- Tank material - enamelled steel
- Type - closed-pressurized
- Rated overpressure (MPa (bar)) - 0.6 (6 bar)

ALSO AVAILABLE AS A 2 VESSEL BREWERY

See spec of 2 Vessel Brewery Unit. In addition the 3 Vessel brewery unit also contains a 350lt kettle with electrical steam heating jacket, HMI & PLC heat control.



ANCILLARY EQUIPMENT



FILTRATION

- C14 Mini Filter with Pump
- 20x20 sheets
- AISI 304 stainless steel frame suitable to receive.
- 40 filtering plates, complete with 20 x 20 filtering plates in Noryl
- Filter sheets are bought separate. Each filter takes 25 to 40 units of different microns



THERMOCHILL COOLING UNIT

- Stainless steel machine cabinet
- Air cooled condenser with 350mm fan
- 30% Over-sized condenser to cope with extreme ambient conditions
- Internal 130lt Stainless steel insulated water tank ¾ inch copper pipe submerged evaporator
- 3kW Integrated electric heating element installed in tank
- Water/Glycol temperatures from -10°C to 40°C



PLATE HEAT-EXCHANGER - WORT COOLER

- The single-chamber Super charger is designed for efficient heat-exchanging for beer, cider, wine and other clear drinks
- Time saving and high-efficiency heat-exchanger for cooling the beer-wort in one pass from 90°C to 18°C
- The wort is cooled against ground (tap) water. If required, the wort can be passed through a second time for further cooling by glycol water from a cooling unit



MM-3 MONSTER MILL

150mm Long Fixed, PLUS secondary Adjustable Gap:

- Fully adjustable mill three 150mm steel rollers
- Dual eccentric adjusters: 0 to 1.5mm secondary gap - built from stainless steel

- 3.6kg / minute min
- Drill-drive
- Alloy frame
- 38mm diameter steel rollers
- Includes base & hopper



A LOCALLY-DEVELOPED BREWING SOLUTION
aimed at entry-level craft breweries and pub-breweries



Dematech is a turn-key solution provider to the craft beer industry offering everything from brewing equipment to bottling lines and procurement services.

CONTACT US TODAY FOR A MEETING OR QUOTATION

Dematech (Pty) Ltd

13 Michigan Street, Airport Industria, Cape Town 7490, South Africa.

T: +27 86 719 2632 | F: +27 86 719 2632 | E: info@dematechsa.com

www.dematechsa.com

Dematech (Pty) Ltd

13 Michigan Street, Airport Industria, Cape Town 7490, South Africa.

T: +27 86 719 2632 | F: +27 86 719 2632 | E: info@dematechsa.com

www.dematechsa.com