

Mobile 8" Membrane Cleaning Plant



Description

Compact plant designed for cleaning of 8" OD membranes. Main plant components (located inside 40ft ISO container):

- 12 off Membrane pressure vessels (2 m length, 8" ID)
- 1 off Cartridge filter (to house 19 off 2.5" x 40" cartridge filters)
- 2 off 15 kW Circulation pumps (60 m³/h each)
- 2 off in-line heaters (9 kW each)
- 2 off solution cleaning tanks (1200 litres each)
- 1 water transfer pump 0.45 kW off (5m³/h @ 2 barg head)

History

The plant has been operated in Malaysia for a total of 3 months using standard alkali and acid membrane cleaners.

Application

General condition of the plant is good and would suit operators wanting an onsite cleaning unit to serve an existing membrane system, where a more rigorous clean is required than could be offered by the plant equipment.

It also allows offsite cleaning where discharge consents limit the chemical choice available for membrane cleaning.



Utility Requirements

Power Supply : 415 V/3 phase/ 50Hz

Peak Power Demand : ~ 50 kW

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