

# Chemical Towers



**Function:**

Scrubbers, composed of one or more towers, to eliminate volatile organic compounds in the effluents coming from typical rendering processes.



**Features:**

Each scrubber is complete with:

- Poly-propylene recirculation pump
- tank for pumps and liquid storage
- Poly-propylene packing
- Washing device with nozzles
- Drop separator in upper part of the tower
- Access opening for charging and discharging the filling rings
- Level probe with 4 positions
- Valve for manual supply of the liquids
- Electric valve for charging
- Drain bottom valve

Chimney:

- Expulsion poly-propylene chimney
- Sample opening

Chemical dosing pumps:

- 2 electro magnetic membrane metering pumps with pH instrument with following features:
  - automatic operation on/off, in accordance with the measured pH value
  - manual operation with potentiometer
  - pH glass probe with 9 m electrical wire
  - 1 output 45-20 mA for the remote visualization of the pH value
  - 1 regulator with 1 set point for the intervention of the pump
- 1 electro magnetic membrane metering pump with Redox instrument completed with the following features:
  - automatic operation on/off, in accordance with the measured pH value
  - manual operation with potentiometer
  - pH glass probe with 9 m electrical wire
  - 1 output 45-20 mA for the remote visualization of the pH value
  - 1 regulator with 1 set point for the intervention of the pump

Chemical storage tanks:

- 3 off 600 l self supporting chemical storage tanks, constructed of poly-ethylene with flat bottom, level indicator and cover.

Chemicals used: NaOH, NaCOI and H2SO4

**Capacities:** from 6.000 m3/hr upto 75.000 m3/hr

Due to ongoing product improvements, data shown here is subject to change without notice.  
Contact Mavitec B.V. for latest specifications.



Germantown, Ohio U.S.A.  
Tel: +1-937-855 6555 • Fax: +1-937-855 6554  
E-mail: info@dupps.com • www.dupps.com



Galileistraat 20, 1704 SE Heerhugowaard  
The Netherlands  
Tel: +31-72-574 59 88 • Fax: +31-72-574 55 48  
E-mail: info@mavitec.com • www.mavitec.com

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