

Aquatec Maxcon offers a complete package for anaerobic and aerobic digestion systems. For anaerobic digestion, we can offer steel or membrane digester covers, sludge circulation, sludge heating and digester gas mixing systems as well as biogas CHP generators and emergency biogas flares. Aquatec Maxcon supplies and installs individual process units or complete turnkey solutions.

### **Digester Mixing System**

Multiport Gas Mixing Valve; For multiple lances digester gas mixing, we can offer a single multi-port valve which simplifies the mixing valve arrangement.

1. Gas Lance - We can offer mixing gas lance in guide tube, stainless steel and galvanised mild steel.
2. Draft Tube - We can offer draft tube mixing system using a gas lift system.
3. Mechanical Mixing - We offer mechanical mixing either pumped with directional nozzles or long arm agitators.

### **Steel Digester Cover (Floating, Fixed and Double Membrane)**



1. Floating steel digester covers complete with roller guides and water seal.
2. Fixed digester covers for primary.
3. Double membrane digester covers for lower cost applications.

Aquatec Maxcon has completed in excess of 40 digester installations, and has designed, manufactured and installed some of the largest digester roofs across Australia.

### **Sludge Heat Exchanger/Heater**

1. Innovative combined boiler/heat exchanger sludge heater. No separated boiler.
2. Non-clogged tube-in-tube sludge heater.