



## Paddlewheel Distributors

The paddle wheel distributor is designed to be a very low maintenance, long life distributor for use on smaller works where extended maintenance periods and high reliability are required. It also offers a number of improvements in process efficiency due to its ability to continue running at all flows, dosing the bed 'little and often' and providing excellent evenness of distribution. Tests have shown significant improvements in all aspects of treatment when compared with a standard syphon operated machine.

The unit differs from conventional machines in that it is a paddlewheel driven distributor using open trough arms to make for minimal blocking and easy cleaning. It is constructed from corrosion resistant materials, and has a design life of 25 years.

### Overhead Feed:



**Key Features:**

- Suitable for beds up to 12m diameter (Overhead) and 17m diameter (Central)
- Flows up to 6l/s (Overhead) and 30l/s (Central)
- Low maintenance, suitable for rural sites
- Stainless Steel trough arms with GRP V Notch weirs to give curtain flow
- Galvanised mild steel tank and painted to WIMES
- GRP paddlewheel
- Cast iron central column (Central).

**Central Feed:**



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## Process Equipment Division

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