

# Paddle Flocculators

Amwell paddle wheel flocculators provide engineers and water treatment facilities with well designed, well crafted, flocculator systems engineered for long life and minimal maintenance. Amwell flocculators are available in your choice of horizontal or vertical configurations for all water applications.

*Our patented AMTITE® Polymer Bearing/Seal is energy efficient, reduces shaft wear, and is corrosion proof.*

- Horizontal or vertical flocculator designs
- Heavy-duty constant or variable speed drives
- Stainless steel or carbon steel construction
- Shaft mounted drives, chain and sprocket or belt drive options available
- Patented AMTITE® Polymer Bearing/Seal
- Fiberglass or redwood paddles
- Wet well or dry well construction
- Readily adaptable to existing C/I pillow block or precision roller bearings
- AMTITE® waterslop design
- Non-metallic or stainless steel chain

*Your natural resource...*

**AMWELL®**





# Quality by innovation

Amwell designs, engineers and manufactures paddle flocculator mechanisms that provide optimum energy input for flocculant formation. Tank size and capacity, flow rate, and specific applications are important considerations in designing systems for optimum efficiency. Based upon your requirements, Amwell will provide computer generated velocity gradient calculations and recommend the horsepower, drive design, shaft design and paddle configurations, and type of pedestal supports and bearings to give you the best system possible.

Constant speed and variable speed, heavy-duty drives are available to match your shaft mounted arrangement in a dry well or chain-drive in either application.

Variable speed turbine or paddle type mixers can be furnished with either redwood or fiberglass paddles and drive shafts are available in solid shaft or torque tube configurations in either stainless or carbon steel.



*For comprehensive product specifications, drawings and additional options for any system, contact Amwell headquarters, or your local Amwell Representative.*

A key Amwell component is our patented AMITTE® Polymer Bearing/Seal which is impervious to corrosion, is self-lubricating, has a low coefficient of friction, and is abrasion resistant.



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