



Agitation Tank

CONTACT US

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LOCATIONS

WEST COAST

718 N. Fries Avenue
Wilmington, CA 90744

EAST COAST

3740 NW 124th Ave
Coral Springs, FL 33065



Description:

Small Agitation Tanks – 7 to 100 Gallons:

Sepor's small size propeller type agitation tanks are designed for light to heavy duty applications. They are constructed of mild steel or stainless steel and can be lined with neoprene or natural rubber. Agitation is accomplished by a gear reduced propeller agitator mounted on a structural steel truss in the center of the tank. The tanks also have structural steel legs to give floor clearance. Each tank has flanged input and discharge openings, 4 baffles on 90 degrees spacing and are available in a variety of sizes with either a conical or flat bottom.

Our complete line of pilot plant and small commercial size propeller agitators may be

used for slurry applications for mineral, chemical and other industries. These units have axial flow type propellers that are specifically designed for leaching, dissolution, reactors, reagent conditioning, gas diffusion, storage and scrubbing processes involving coarse or fine slurries. Vertical turbine mixing and or pumping impellers are also available for solvent extraction and other solution applications involving shear.

These small tanks are available in the sizes indicated on the table below. Agitator mechanism is a heavy duty shaft with self-aligning locking type bearings, a gear reduced drive mechanism, with the standard axial flow (propellers), or the radial flow (turbine) or pumping impellers. For slurry mixing, off the bottom agitation is achieved with axial flow type props.

Catalog Number	Volume (Gallons)	Dia X Ht inches
080C-060	7	12 x 15
080C-061	26	18 x 24
080C-062	52	24 x 27



Large Agitation Tank

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Description:

Large Agitation Tanks – 200 to 500 Gallons:

Sepor's large size propeller type agitation tanks are designed for heavy duty applications. They are constructed of mild steel or stainless steel and may be lined with neoprene or natural rubber linings. They include a gear reduced propeller agitator mounted on a structural steel truss in the center of the tank and have structural steel legs to give floor clearance. The tank has flanged input and discharge openings, 4 baffles on 90 degrees spacing and are available in a variety of sizes with either a conical or flat bottom.

Our complete line of pilot plant and commercial size propeller agitators may be used for slurry applications for the mineral, chemical and other industries. These units have axial flow type

propellers are specifically designed for leaching, dissolution, reactors, reagent conditioning, gas diffusion, storage and scrubbing processes involving coarse or fine slurries. Vertical turbine mixing and or pumping impellers are also available for solvent extraction and other solution applications involving shear. Dimensions and details of some of the various sizes of agitator tanks Sepor has furnished for mining applications over the years are contained on the following page.

Catalog Number	Volume (Gallons)	Dia X Ht inches
080C-061	26	18 x 24
080C-062	52	24 x 27