

# Vertical agitator

## general features

Vertical agitators are designed to efficiently solve mixing, dissolution, dispersion and homogenizing operations, depending on the type of turbine installed.

Depending on the process, high shear cowling discs, marine propellers, axial impellers, radial impellers, axial folding blades, etc., can be installed.

They are dispersion equipment prepared for mounting on different supports depending on the location required by the process, i.e., they can be installed fixed on a wall, column, or floor or have a mobile support.

The agitation head of this equipment can be manually lifted using a

counterweight that facilitates the movement, or automatically, using a pneumatic cylinder or a geared motor.

### MODELS

» **AGL series** with a light support for wall installation, designed for the preparation of small batches from 25 to 300 L.

» **AGM series** with a more robust support for wall and floor anchoring, designed for batches from 250 to 700 L depending on the product and its viscosity.

» **ACM series** installed on mobile supports (dimensions as required) with wheels and handle for moving the agitator.



They are especially suitable for:

- » Preparation of plastic paint, ceramic glazes, PVC pastes, etc.
- » Dissolution of resins in water-based or solvent-based for varnishes, lacquers, adhesives, etc.
- » Homogenization of manufacturing batches with colour and viscosity calibration.
- » The pre-mixing of pigments and dyes with resins and solvents, prior to refining processes with continuous bead mills.
- » Food-grade liquid reconstitution.
- » Preparation of pre-mixes for cosmetic use (dispersion of gums, homogenization of liquids, dissolution of pigments...).

