ARMOREP

AGITATION RESOURCES

MIXING SOLUTIONS

Built around your process.

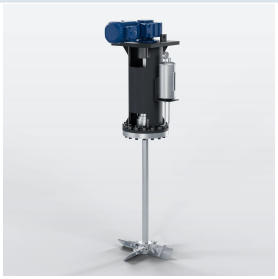
Agitation Resources engineers and builds mixers around the fluid, vessel and mixing goal. Explore equipment for blending, solids suspension, dispersion and continuous in-line mixing.



TOP-ENTRY

AHM GROUP

Tank-mounted mixers for blending and solids suspension in atmospheric vessels.



PRESSURE & VACUUM

ASM GROUP

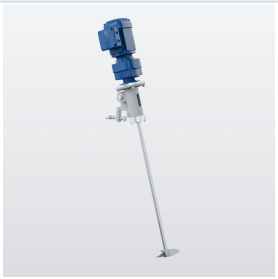
Sealed mixers configured for closed vessels, with seals selected for the process.



SIDE-ENTRY

ASN GROUP

Tank-wall mounting for bulk circulation where overhead access is limited.



PORTABLE

ARIP GROUP

Clamp-on or cup-mounted mixers for smaller vessels and temporary mixing duties.



STATIC IN-LINE

ALI GROUP

Fixed elements blend flowing streams for chemical injection and pH adjustment.



IMPELLERS

APPLICATION SELECTED

Hydrofoil, turbine, propeller, anchor and dispersion designs matched to the duty.

Also available: tote and drum mixers, laboratory dispersers, lifting stands and accessories.

LET'S REVIEW YOUR MIXING APPLICATION

Cliff Batty | Armorep | Utah • Colorado • Wyoming

435-280-2929 | Sales@armorep.com | armorep.com

ARMOREP

AGITATION RESOURCES

A BETTER FIT FOR THE DUTY.

Start with the process challenge. Select the mixer, impeller and drive to suit it.

WHERE MIXING MAKES A DIFFERENCE

WATER & WASTEWATER

Chemical preparation, neutralization, reagent injection and sludge mixing.

PROCESS & CHEMICAL

Bulk storage circulation, liquid blending and pressure or vacuum vessel duties.

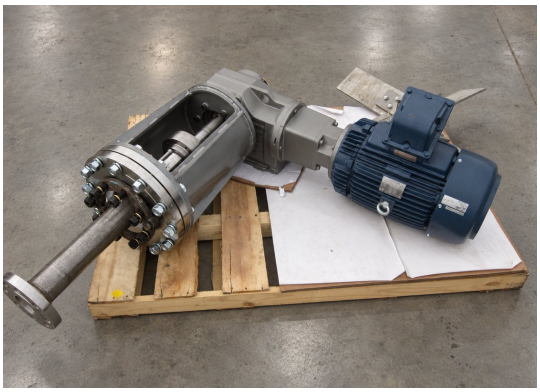
FOOD, COATINGS & MORE

Batch blending, pigment dispersion and viscous-product mixing, sized for the application.

SUPPORT FOR MIXERS ALREADY IN SERVICE

Longer batches? Settling solids? Seal leaks or drive issues? Agitation Resources reviews existing equipment, including mixers from other manufacturers.

- Rebuilds, retrofits and replacement components
- Shafts, impellers, seals and bearings
- Motor, gearbox and drive replacement
- Custom configurations and application review



Completed mixer drive assembly

WHAT TO SEND FOR A QUOTE

01 VESSEL & VOLUME
Tank dimensions, working level, mounting and baffles.

02 PRODUCT & CONDITIONS
Viscosity, density, solids, temperature and pressure.

03 MIXING OBJECTIVE
Blending, suspension or dispersion; required batch time.

04 EXISTING EQUIPMENT
Nameplate, motor data, photos and current problem.

For in-line mixers, include flow range, pipe size and allowable pressure drop. Final selection, materials and performance are confirmed for your application.

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