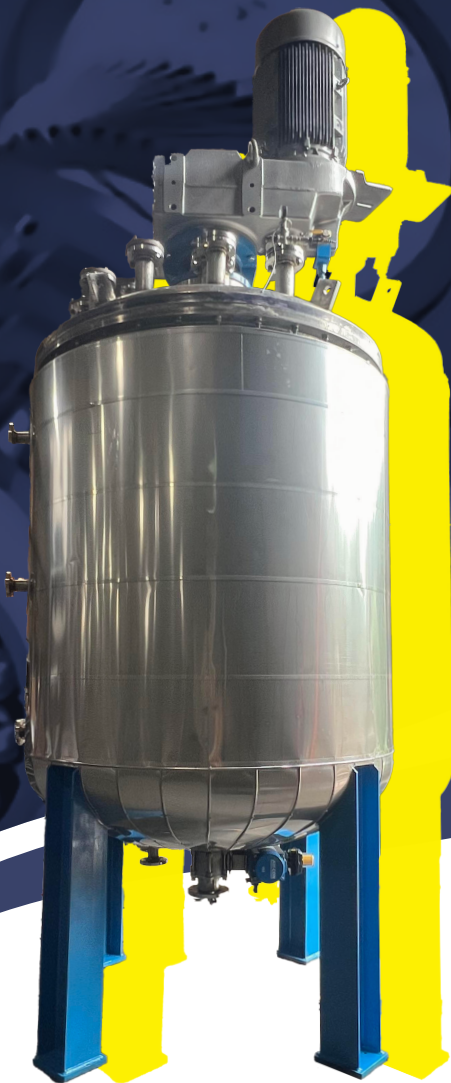




**THE MOST DEPENDABLE & EFFICIENT
INDUSTRIAL MIXING SYSTEMS**

LOW SPEED AGITATOR



www.reynoldsmixers.com

LOW SPEED AGITATOR DESCRIPTION

The Low Speed Agitator is designed for processing hard to handle products such as: high viscosity, thixotropic and varying density products. There are several blades designs available but typically recommended is the helical blade design for maximum product turnover. The heat transfer application can be organized into two broad categories. One category is that in which open impellers operate at some distance from the vessel. The second category is a close clearance impeller such as an anchor impeller or helical impeller. Reynolds offer both category mixer with unique features such as the 3-blade patent helical blade with high temperature withstanding scraping technologies. In addition, all Reynolds agitators are supplied with rotating baffles. Reynolds baffle technology helps to break swirling to improve high heat transfer coefficient that allow to reduce horsepower. Rotating baffle integrated with RTD temperature probe that allow fast response on product temperature.

MIXER FEATURES

- Helical Blade Low Speed Agitator with Offset rotating baffle.
- Helical Blade Rotation
- Clockwise Pumping Material Down
- Counterclockwise Pumping Material Up
- ASME code stamped vessel can be designed for full vacuum/100-psig service with 150-psig dimpled, half-pipe, conventional stainless-steel jacket is supplied around the vessel for heating/cooling (high pressure rating is available upon request.)
 - Wetted parts are stainless steel polished to 120-grit for ease of cleaning (#4-8 mirror finish is available upon request.)
- Lid can be fitted with temperature probe, cleaning spray nozzles, vacuum fittings, light and sight glass, flanges and multiple product inlet nozzles for delivery of liquid raw materials.
- Minimum of 1.5 mechanical service factor on all gearing and bearings.
- Submerged top down product measuring temp-probe optimizes actual product temperature.
- Available in non-explosion proof and explosion proof (TEFC 230/460, 3 PH, 50/60 Hz –Nema / IEC motor)

MIXER OPTIONS

- Easy replacement steady bearing
- Shaft speed measurement
- CIP- system
- Single acting dry running or double acting fluid lubricated mechanical seal
- Fixed -free high temperate withstanding scraper
- Hydraulic drive for highly viscous products



MIXER APPLICATIONS

- Adhesives
- Asphalt
- Dissolving solids
- Dyes & inks
- Extraction
- Fertilizers
- Gas dispersion
- Liquid blending
- Mining
- Paints, pigments
- Petroleum
- Reactions
- Sealants
- Slurry
- Storage tanks
- Vitamins
- Waste water

WHY CHOOSE US

DEPENDABLE LONGER LASTING MIXERS

Made in the USA. 100% designed and built in-house. We can provide full system integration which ensures everything works together.

EFFICIENT MINIMIZE BATCH CYCLE TIME

Make more product in less time. We patented the helical blade for industrial mixers, and have been maximizing performance ever since.

LOWEST TOTAL COST RIGHT FIT & EASY MAINTENANCE

We tailor our standard designs to your specific needs, and provide solutions to enhance your profitability.

CONTACT US



803-548-4301



sales@reynoldsmixers.com



www.reynoldsmixers.com



3601 Foothills Way, Fort Mill, SC 29708