



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

HIGH SPEED DISPERSER



www.reynoldsmixers.com

HIGH SPEED DISPERSER DESCRIPTION

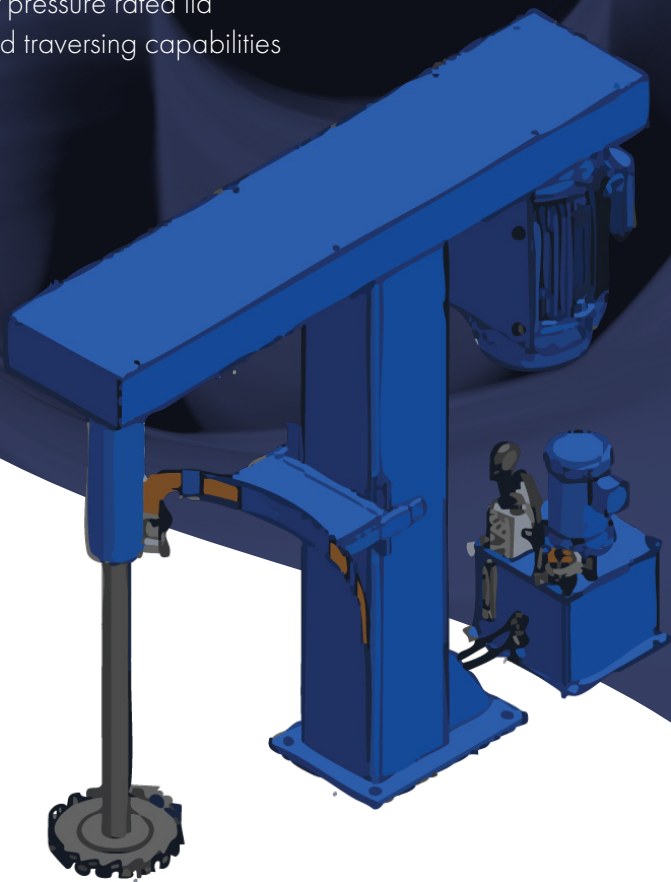
The shear ability of the Reynolds high speed disperser in dissolving powders into liquid base and breaking fragment or lumps of material to form a homogeneous dispersion often reduces traditional mixing batch times. Reynolds was first in introducing large high-powered dispersers with lifting capability and traversing of the mixer throughout the batch that also make it simple to change out batches. The intensity of flow and shear caused by the blade draws powder or solid substance down to the cutting tips of the blade and shaft. Machines can operate in effectively fluid viscosities of water-like to around 50,000 centipoise (cP), whereas viscosities above this usually require dual action or triple action Reynolds dispersers or RHSD with lifting capability. Reynolds disperser is widely used in coating, ink, dye, cosmetic, colorant and pharmaceutical industries.

MIXER FEATURES

- Sizes from lab and pilot through 300 HP
- High shear or high shear plumping blade
- Control comes standard mounted on mixer or on a remote panel
 - Vessel designs up to 3,000 Gallons
 - Lid can be fitted with temperature probe, cleaning spray nozzles, vacuum fittings, light an sight glass, flanges and multiple product inlet nozzles for delivery of liquid raw materials
- Strong and compact column design
- Adjustable supports to fit multiple vessel dimensions
- Multiple mounting configurations, XP rating available
- Wetted parts are stainless steel polished to 120-grit for ease of cleaning (#4-8 mirror finish is available on request)
- Manufactured using standard components for fast repairs and less downtime

MIXER OPTIONS

- Variety of blade types
- Hydraulic column lift drive or air over oil
- Explosion proof
- Mechanical seal
- Vacuum/pressure rated lid
- Lifting and traversing capabilities



MIXER APPLICATIONS

- Adhesives
- Ceramic slurries
- Coatings
- Consecutive pastes
- Cosmetic creams
- Lubricants
- Polymers
- Printing inks
- Rubber solutions

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



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