Fusion Flow Series – Right Angle Drive
Flexible Large Scale Mixers

DESIGN INTENT
Heavy-duty and flexible, the Flow Series Right Angle mixers are designed to meet the needs of your large scale mixing applications.

EXAMPLE APPLICATIONS
- Industrial Mixing & Blending
- Large Scale Sanitary and BioPharm
- Reaction Tanks
- Low or High Viscosity Blending
- Large Scale Waste Treatment
& Much More!

FEATURES AND BENEFITS:
- Mixer-duty electric motors are available in a variety of sizes, phases, and voltages chosen based on your need. Other options include washdown duty, inverter duty, DC electric, and explosion proof motors. Air motors are also available.
- Many right angle gearbox options are available that require less space in restricted areas:
  - Helical-bevel gearboxes with double or triple reduction gear arrangements provide quiet operation and extended life. Hundreds of gear ratios are available.
  - Worm drive gearboxes offering single or double reduction worm gear arrangements allow high shock loading and economical design. Choose from 13 gear ratios to match process requirements.
  - Minimum of 1.5 mechanical service factor on all gearing and bearings.
- Virtual drywells and heavy-duty output bearings are typically used on large units for reduced vibration and to allow for longer shaft lengths (available with Helical-Bevel gearboxes). Rigid in-tank couplings used as required.
- Closed Tank configurations are available with vapor seals, stuffing box glands (up to 150 PSI) and single or double mechanical seals (300+ psi). In-tank shutoff mechanism allows seal changes on side entry mixers without emptying the tank.
- Stainless Steel components, Steel-It™ USDA–compliant paint, polished shafts and various shaft coatings are available for sanitary applications and chemical resistance.
- Various impeller styles and mounting options such as ANSI flange mount, TriClamp mount, beam mount are available for your process.

MOUNTING OPTIONS:
- ANSI Flange
- TriClamp Flange
- Beam

SPECS
- Gear Drive: ¼ - 100HP
  3-450 RPM
- Batch: 50 to 1,000,000 Gallons
- Shaft Length: Up to 360” FMB

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