

Fusion Flow Series – Right Angle Drive

Flexible Large Scale Mixers



**STAINLESS MOTOR
AND WORM DRIVE**



**STANDARD WORM DRIVE
WITH STUFFING BOX**



**HELICAL-BEVEL
DRIVE MIXER**



**STAINLESS WORM DRIVE MIXER
WITH SANITARY MOTOR**

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

DESIGN INTENT

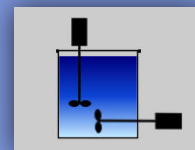
Heavy-duty and flexible, the Flow Series Right Angle mixers are designed to meet the needs of your large scale mixing applications.

EXAMPLE APPLICATIONS

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

SPECS

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



Top or Side Entry



www.fusionfluid.com