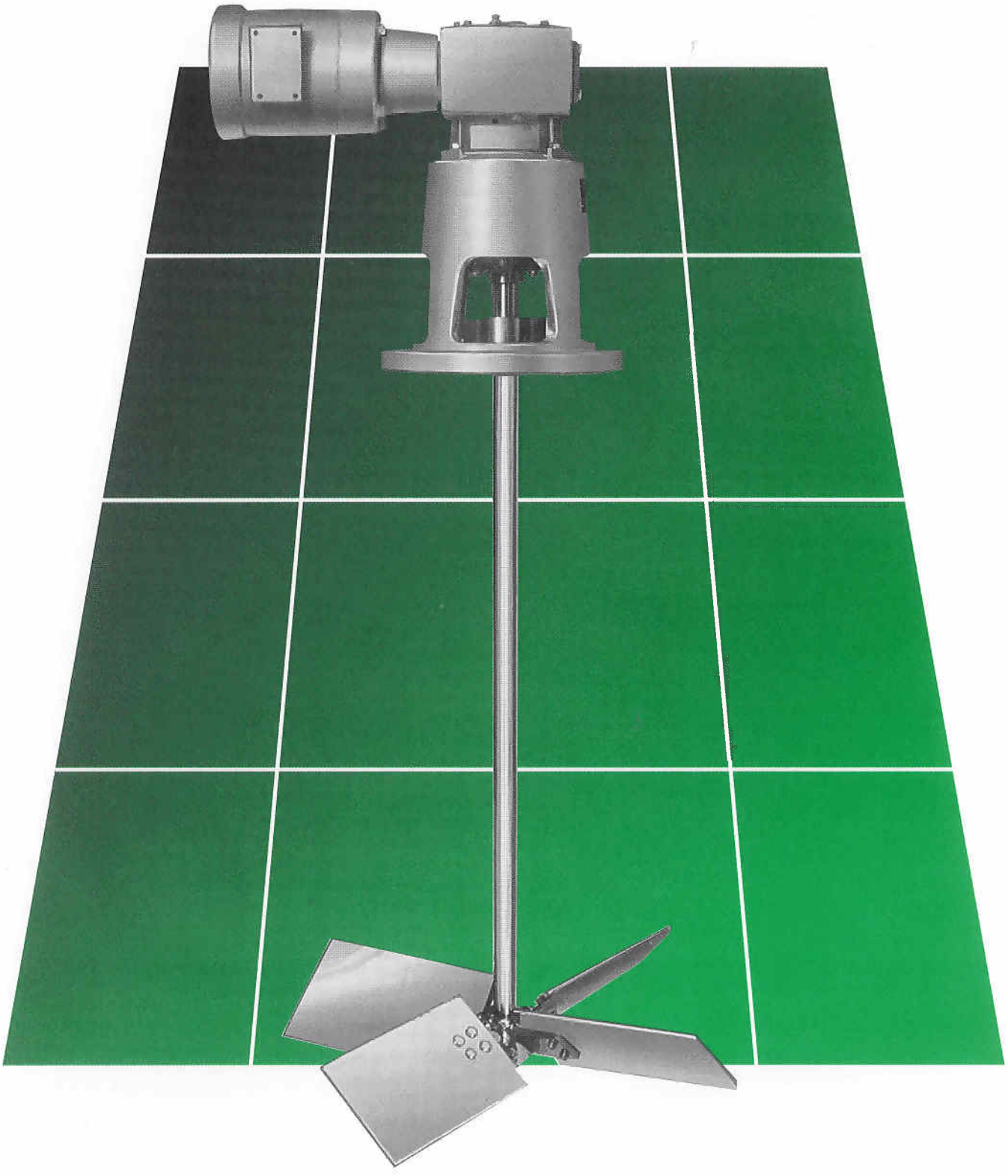
TURBINE MIXERS FOR INDUSTRY...

Drive Series G

MIXMOR®



Agriculture

Biochemical

Brewing & Distilling

Chemical

Cosmetic

Food Processing

Heat Treating

Mining

Oil & Refining

Paint & Coatings

Petrochemical

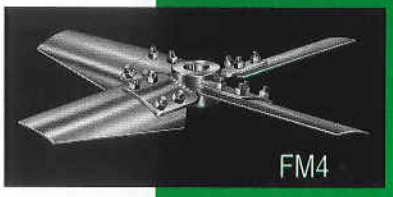
Pharmaceutical

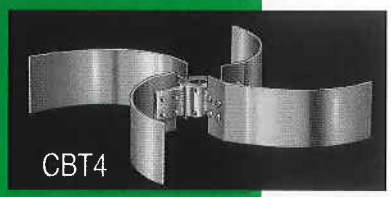
Photographic

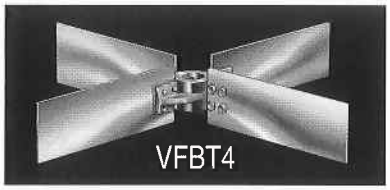
Plastics

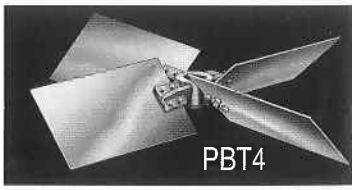
Pulp & Paper

Rubber Products









Textile

Waste Treatment

Water Treatment

G Series Turbine Mixers

The G Series turbine is a low horsepower mixer which provides a practical solution for applications that for process or mechanical considerations preclude the use of fixed mount top entering mixers, yet do not justify the use of larger turbine mixers. Used in a wide spectrum of applications including simple blending as well as viscous blending, they are well suited for those applications which are controlled by tank circulation such as solid suspension and heat transfer. They are frequently used in applications requiring fluid shear and mass transfer, for example; gas absorption, dissolution, crystallization and various reactions.

Proven Performance

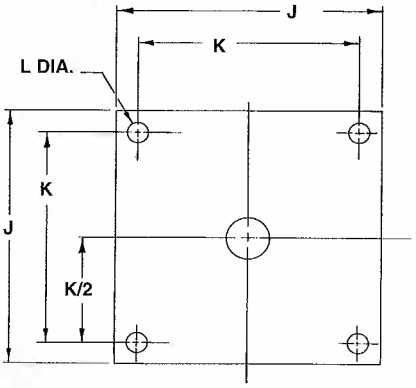
Heavy duty single reduction worm gear drives provide output speeds from 29 to 350 rpm with 1/3 to 5 horsepower 'C' face motors. Reducers are grease lubricated for life and housings are aluminum. Pedestal design incorporates a self-aligning bearing which absorbs the overhung and radial mixer shaft loads insuring an extended gear reducer life.

Impellers

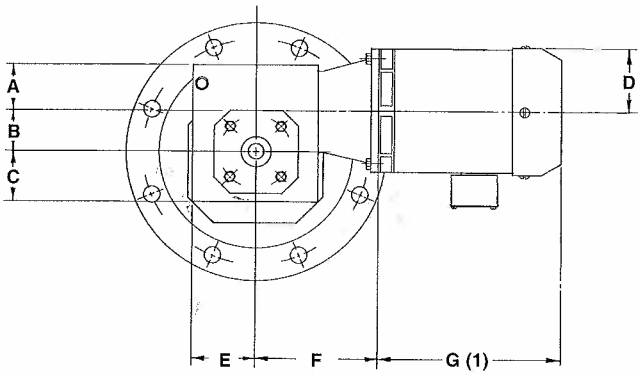
Mixing applications have different process requirements and that is why MixMor's engineers have such a complete selection of impellers - ranging from the conventional pitched blade turbine to the FloMor high-efficiency hydrofoil impeller. In addition to our diverse selection of standard impellers, we can design custom impellers that will solve your toughest mixing problems. MixMor has the optimum impeller for your application.

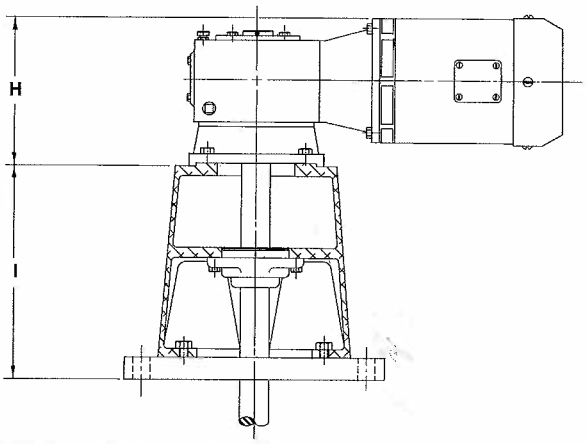
DRIVE SERIES G DIMENSIONS

Model TO



Baseplate for channel mounting on open tanks.

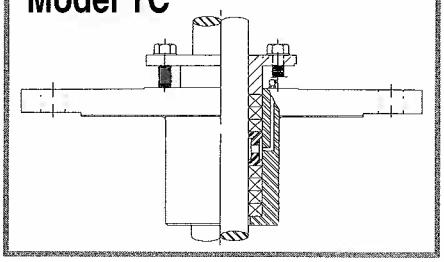




REDUCTION	Drive Series & Size	ALL MODELS									MODEL TO BASEPLATE			MODELS TCL, TC, TCM FLANGE SIZE
		A	B	C	D	E	F	G	H	I	J	K	L	
SINGLE	G22	2 3/8	2 1/8	2 5/8	3 1/2	3 5/16	6 3/8	11 1/4	7 1/2	11	12	10	7/8	8" - 150#
	G27	2 7/16	2 11/16	3 1/4	3 1/2	3 7/8	6 15/16	13 3/8	7 3/4	11	12	10	7/8	8" - 150#
	G30	3 3/16	3	3 1/2	3 1/2	6 9/16	8 3/16	13 3/8	9	11	12	10	7/8	8" - 150#
	G35	3 1/4	3 1/2	4	3 1/2	7	8 5/8	13 3/8	9 3/8	11	12	10	7/8	8" - 150#

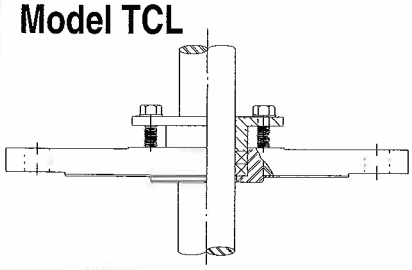
(1) Maximum length, exact length dependent upon motor horsepower
Note: All dimensions are approximate. Certified drawings are available upon request. Dimensions in inches.

Model TC



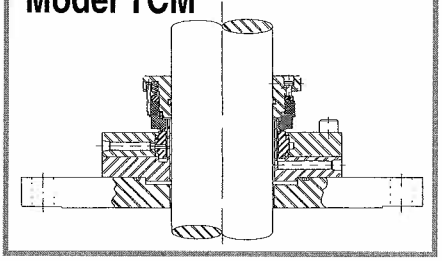
High pressure stuffing box for use on closed vessels with vapor to 150 PSIG pressure. The seal uses seven rings of packing and a lantern ring for lubricant distribution. Packing will be selected for your application.

Model TCL



Low pressure stuffing box for use on closed vessels with up to 10 PSIG pressure. It uses two rings of self-lubricating packing. The packing furnished with the mixer will be selected to suit your application.

Model TCM



Mixers can be furnished with various types and manufacturers of mechanical seals including cartridge type double balanced, single and double dry running, metal bellows, tandem, water cooled, split and seals with sanitary containment glands.

GUARANTEE

MECHANICAL

MixMor guarantees materials and workmanship of all products for one year from date of shipment.

PROCESS

All mixers are guaranteed for performance when their installation and use is in accordance with engineering recommendations made by MixMor.

FOR EVERY INDUSTRIAL APPLICATION

Laboratory Mixers
- Variable Speed
- Constant Speed
- Speed Ranges 2 to 6000 rpm
- Air and Electric
- Clamp and Stand Mounted

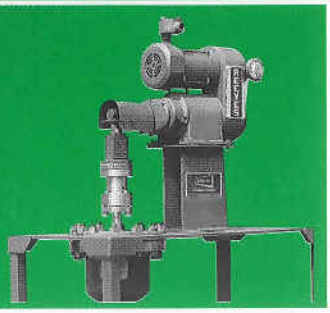
Portable Clamp-on Mixers
- 1/4 to 5 HP... Electric, Air and Hydraulic Motors
- Direct Drive... 1150 & 1750 rpm
- Gear Drive... 230, 290, 350 & 420 rpm
- Constant and Variable Speed
- Clamp & Cup Mounted
- USDA Accepted Designs

Fixed Mount-Top Entering Mixers
- 1/4 to 5 HP... Electric, Air and Hydraulic Motors
- Direct Drive... 1150 & 1750 rpm
- Gear Drive... 230, 290, 350 &420 rpm
- Constant & Variable Speed
- Baseplate & Flange Mounted
- Low and High Pressure Stuffing Boxes
- Mechanical Seal Designs

Turbine Mixers
- 1/4 to 150 HP... Electric and Hydraulic Motors
- Constant & Variable Speed 1 to 350 rpm
- Worm Gear, Helical/Worm... All Helical... Helical/Spiral Bevel
- Baseplate & Flange Mounted
- High & Low Pressure Stuffing Boxes;
- Single & Double Mechanical Seals

Side Entering Mixers
- Chemical & Petrochemical Plant Designs
- 1 to 75 HP... Electric & Hydraulic Motors
- Belt & Gear Drives... 280, 350 & 420 rpm
- Constant & Variable Speed
- Fixed & Swivel, Flange & Cover Plate Mounted
- Stuffing Box & Mechanical Shaft seals

Custom Mixers
- Pilot Plant Mixers
- High Temperature & Pressure Laboratory Reactors
- Redwood Paddle Flocculators
- Anchor, Ribbon & Gate Mixers
- Inline mixers
- Bottom Entering Mixers



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NATIONAL REPRESENTATIVES

Your Local Representative Is: