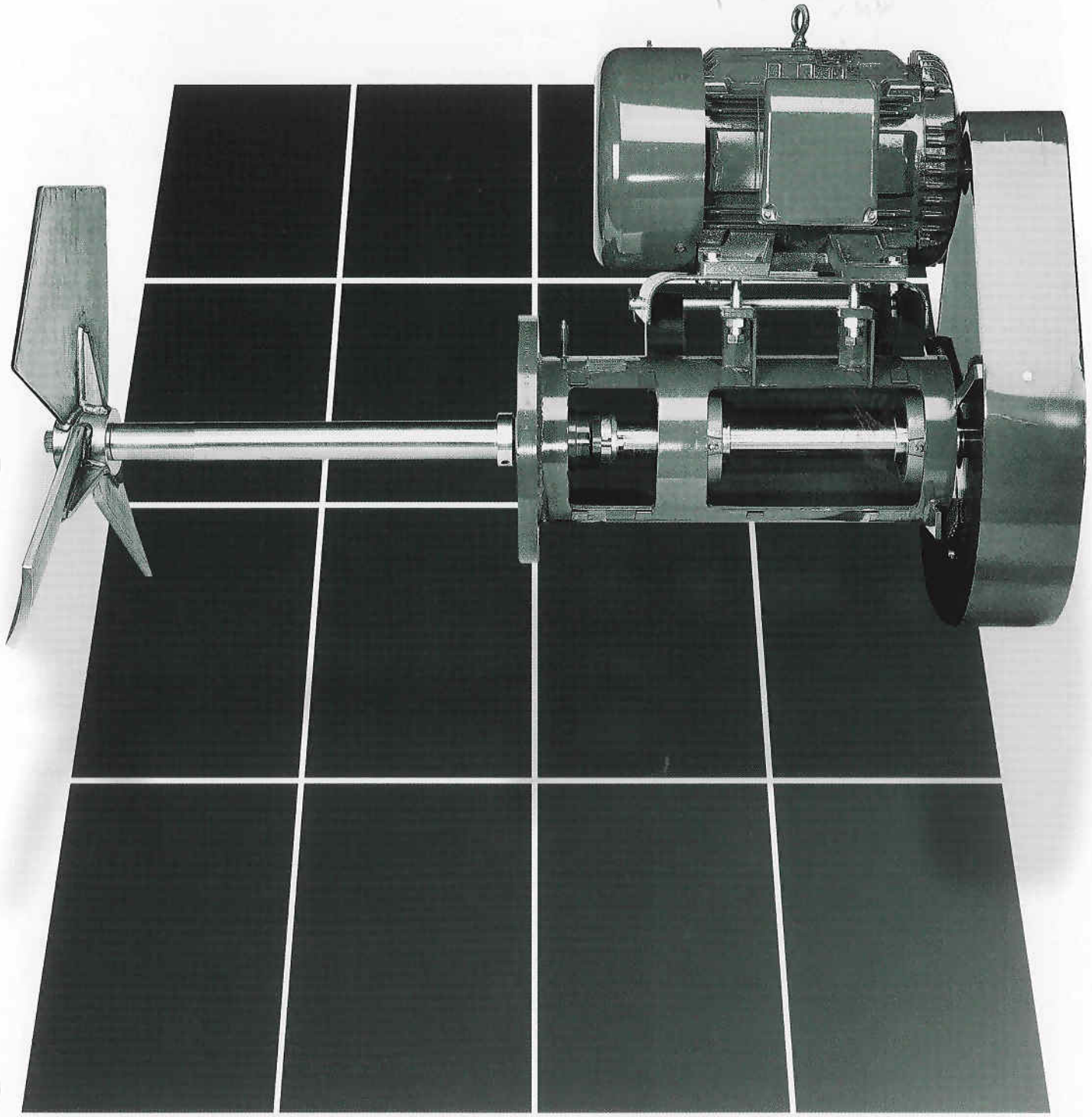
Side Entering Mixers...

MixMor®

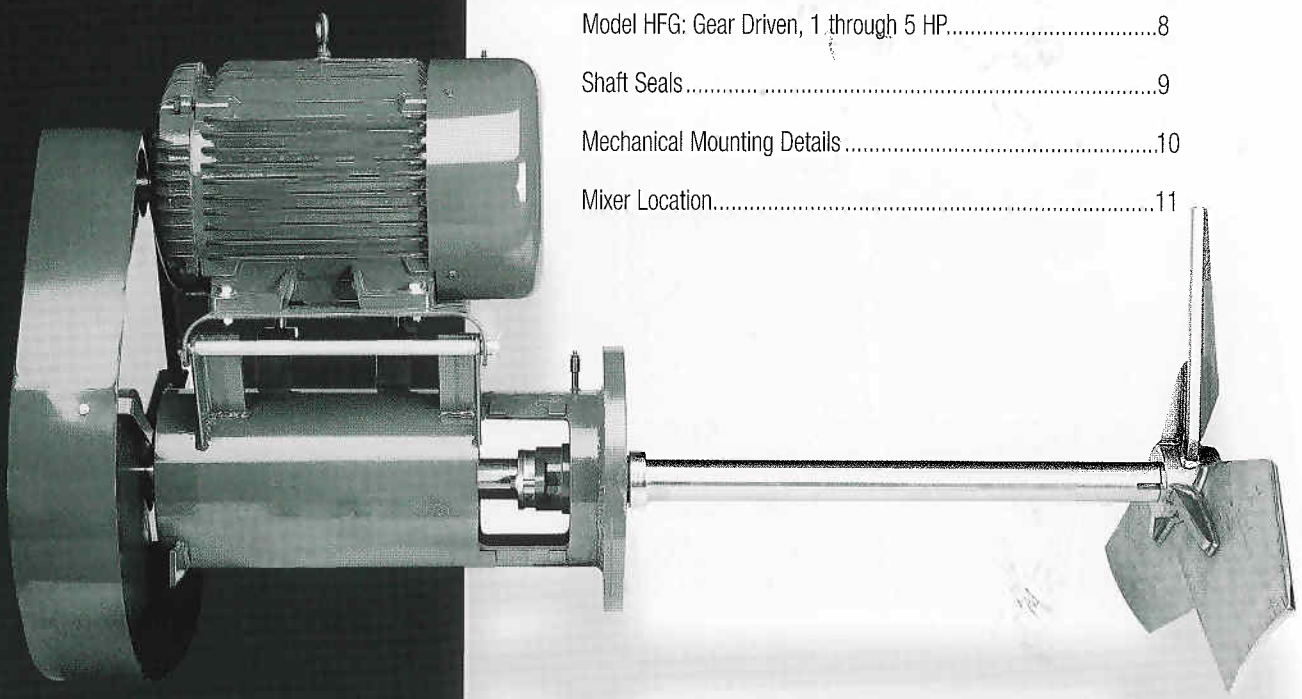


Agriculture

Automotive

Asphalt

Brewing & Distilling



Chemical &
Petrochemicals

Dairy

Explosives & Munitions

Fats & Oils

Fertilizers

Food & Beverage

Petroleum Refining

Pulp & Paper

Soap Products

Water Treatment

Wastewater Treatment

Table of Contents

Model HV: Belt Driven, 1 through 60 HP.....4

Model HG: Gear Driven, 1 through 60 HP.....6

Model HFG: Gear Driven, 1 through 5 HP.....8

Shaft Seals.....9

Mechanical Mounting Details.....10

Mixer Location.....11

Side Entering Mixers

Side entering mixers are well suited for blending, storage and off-bottom solid suspension applications. They are commonly used in industries such as asphalt, petroleum, crude oil, gasoline, chemical, edible oil and paper mills. Because of their low initial cost and easy installation, side entering mixers are often preferred for larger tanks where mixing is easily accomplished or for large storage tank applications.

Proven Performance

Performance has been our doctrine for five decades because we understand that our users' profits are adversely affected when mixer problems lead to substandard products or production downtime.

Consequently, we build every MixMor mixer to the highest design and manufacturing standards, which enable us to guarantee its performance when used in accordance with our recommendations. Here are some of the reasons behind our confidence in our mixers.

Process Performance

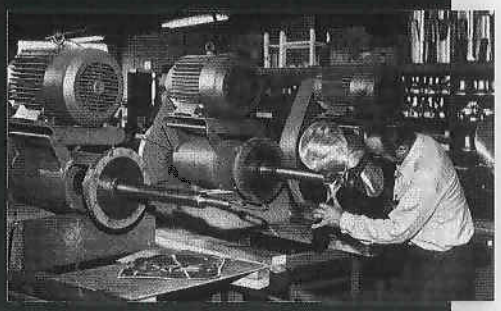
We provide the optimum energy efficient mixer for each application while, at the same time, providing the degree of agitation necessary for the required process results. We do not oversize the mixer to protect our process warranty. In today's energy-conscious world, our recommended mixers conserve energy while minimizing your operating cost. Our representatives will provide engineering assistance to define the application requirements and accurately outline the process.

Performance in Design

All designs are based on conservative engineering standards, simplicity, and ease of maintenance. Modified or special mixers are designed and manufactured to the same standards.

Manufacturing Performance

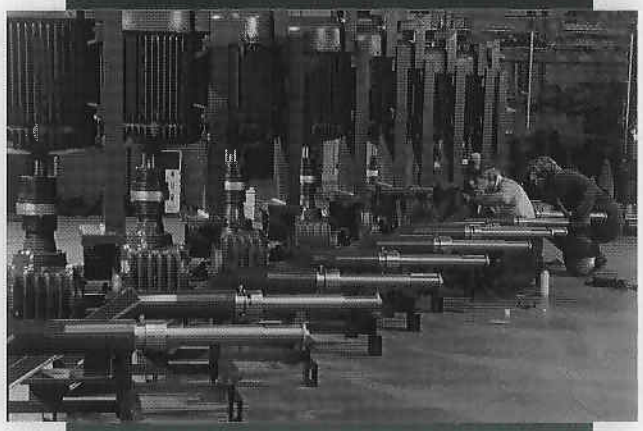
We manufacture all MixMor mixer components at our own plant rather than trust them to outside job shops. All work is performed under strict quality control procedures and every mixer is test-run before final approval for shipment.



After-the-Sale Performance

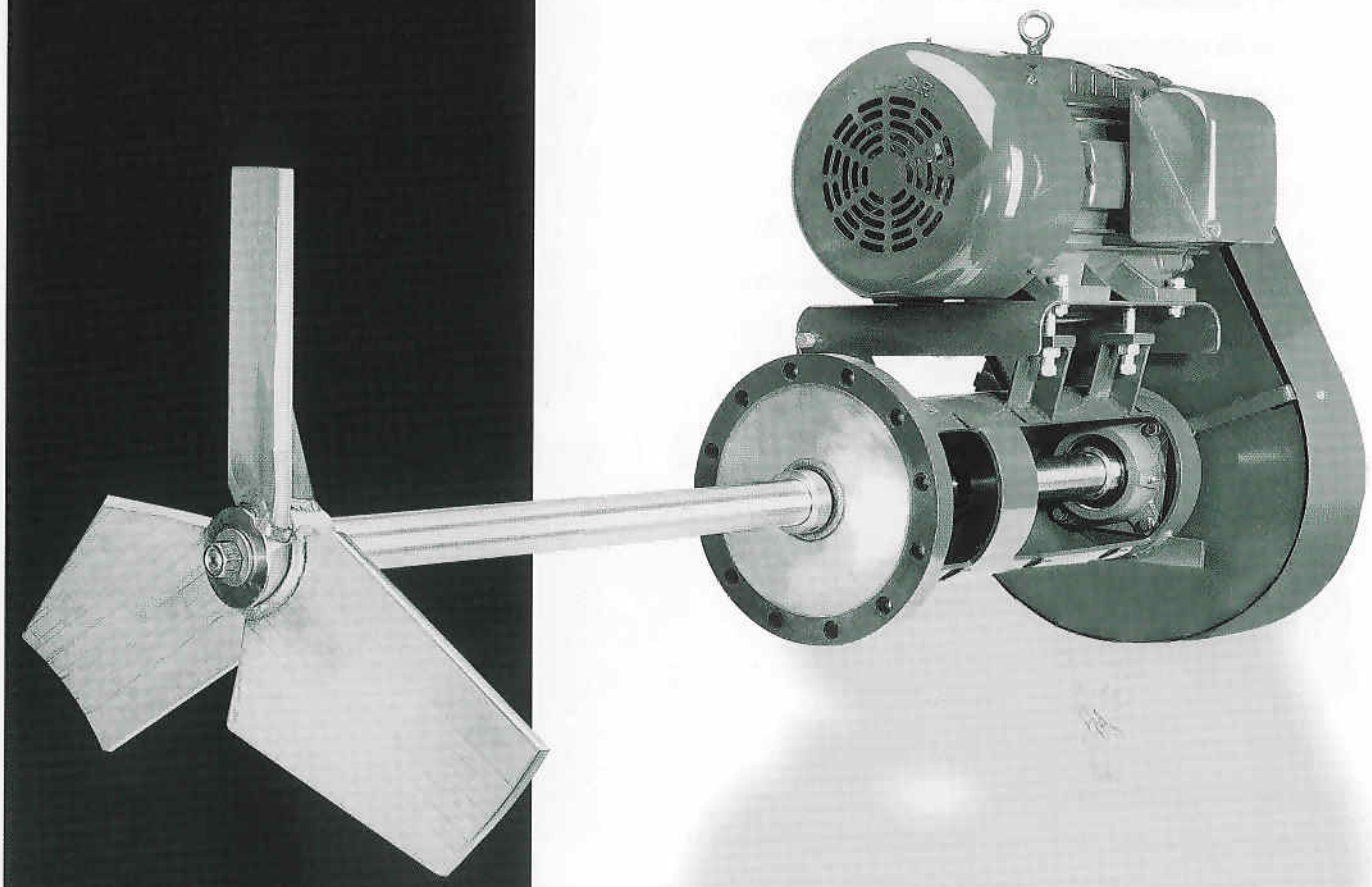
Comprehensive service instructions and spare parts lists are furnished with every mixer. All commercially available parts, such as, standard NEMA frame motors, bearings, belts, and sheaves can be replaced from our stock or purchased from your local power transmission parts house. When requested, MixMor representatives will provide start-up assistance.

These are just a few of the reasons why MixMor mixers stay on the job when the going gets tough...and why satisfied users consistently come back to MixMor for their mixer requirements. They know they can count on MixMor for dependable performance.

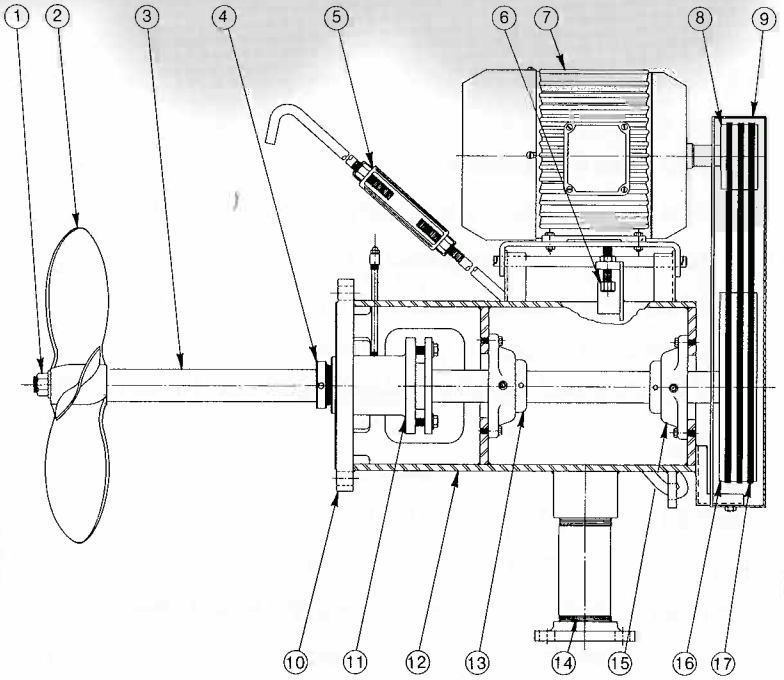


Model HV

Belt Driven – 1 to 60 HP



1. Self-locking Nut
2. Impeller
3. Shaft
4. Seal-off Collar
5. Tie Rod & Turnbuckle
6. Belt Adjustment Screw
7. Motor
8. Drive Sheave
9. Guard
10. ANSI Mounting Flange
11. Shaft Bearing
12. Welding Housing
13. Shaft Bearing
14. Pedestal Base (optional)
15. Shaft Bearing
16. Driven Sheave
17. "V" Belts



Rugged & Versatile

The MixMor Model HV is an all-welded construction, "V" belt driven mixer which simplifies maintenance. It is extensively used in asphalt, chemical, food and other processing industries. Its heavy-duty construction assures long life with minimum maintenance. Standard output speeds are 280 and 420 rpm; however, other speeds are available as required by the application.

Standard Components

Contributing to the success of the Model HV is the fact that many of its components, such as motors, "V" belts, bearings, and sheaves are commercially available and can be purchased locally.

Built-in Reliability

All components are selected for maximum reliability and durability. Motors are NEMA standard 1800 and 1200 rpm foot mounted manufactured by well-known companies and furnished in all enclosures. Bearings are heavy-duty, deep-grove ball bearings which provide high radial and thrust load capacity. Every Model HV is run during final inspection before shipment.

Impellers

Mixing applications have different process requirements and that is why MixMor uses a variety of impeller types. FloMor FM3 and FM3W high-efficiency foil impellers, Square Pitch PS3, and Hi-Pitch PH3 propellers are utilized to suit the process.

Safety

The Model HV runs quietly, meeting or exceeding noise level standards. Belts and sheaves are enclosed in guards designed to comply with safety standards.

Seals

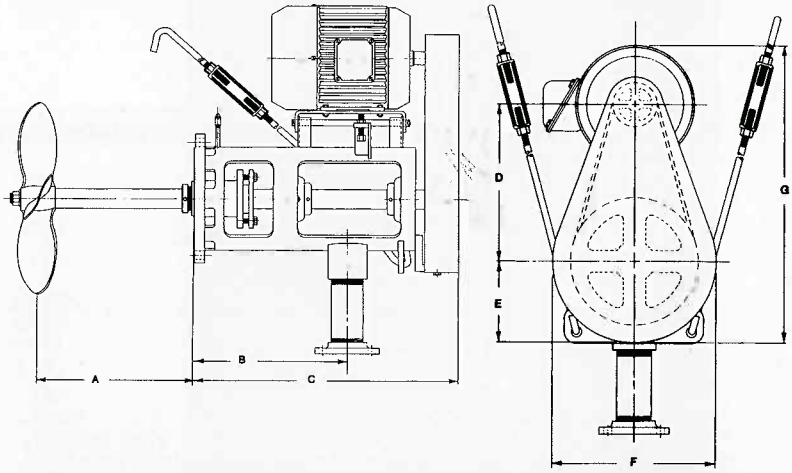
Mixers can be furnished with single or double mechanical seals or conventional packed stuffing boxes with quenching, flushing or water jacket options. Optional designs facilitate seal maintenance with a full tank.

Highly Adaptable

Wetted parts can be furnished in special alloys as required. Mixer is furnished with tie rods and turnbuckles for mounting; however, pedestals of special supports including special mounts including types suitable for fiberglass tanks are available.

420 RPM OUTPUT

MODEL	H.P.	SHAFT DIA.	PROP. DIA.	FLANGE SIZE	A	B	C	D	E	F	G	WT., LBS.
HV-1	1	1.5	To Suit Application	8-150#	24	14	26	15.5	9	18	30	325
HV-1.5	1.5	1.5		8-150#	24	14	26	15.5	9	18	30	325
HV-2	2	1.5		8-150#	24	14	26	15.5	9	18	30	330
HV-3	3	1.5		8-150#	24	14	26	15.5	9	18	30	335
HV-5	5	2		8-150#	24	17.5	32	15.5	9	18	30	370
HV-7.5	7.5	2		8-150#	24	17.5	32	15.5	9	18	30	375
HV-10	10	2		8-150#	24	17.5	32	15.5	9	18	30	380
HV-15	15	2.5		8-150#	24	17.5	32	15.5	12	24	32	390
HV-20	20	2.5		8-150#	24	17.5	32	15.5	12	24	32	420
HV-25	25	2.5		8-150#	24	17.5	34	17.5	12	24	34	420
HV-30	30	2.5		10-150#	30	25	40	25	18	36	56	440
HV-30	30	3		12-150#	30	25	40	25	18	36	56	475
HV-40	40	3		12-150#	30	25	40	25	18	36	56	490
HV-50	50	3		12-150#	30	25	40	25	18	36	56	520
HV-60	60	3		12-150#	30	25	40	25	18	36	56	525



280 RPM OUTPUT

MODEL	H.P.	SHAFT DIA.	PROP. DIA.	FLANGE SIZE	A	B	C	D	E	F	G	WT., LBS.
HV-1	1	2	To Suit Application	8-150#	24	17.5	32	15.5	9	18	30	365
HV-1.5	1 1/2	2		8-150#	24	17.5	32	15.5	9	18	30	365
HV-2	2	2		8-150#	24	17.5	32	15.5	9	18	30	370
HV-3	3	2		8-150#	24	17.5	32	15.5	9	18	30	375
HV-5	5	2		8-150#	24	17.5	32	15.5	9	18	30	410
HV-7.5	7.5	2		8-150#	24	17.5	32	15.5	12	18	32	415
HV-10	10	2		8-150#	24	17.5	32	15.5	12	24	32	420
HV-10	10	2.5		10-150#	24	17.5	32	15.5	12	24	32	430
HV-15	15	2.5		10-150#	24	17.5	34	15.5	12	24	34	430
HV-20	20	2.5		10-150#	26	17.5	34	17.5	12	24	34	460
HV-25	25	2.5		10-150#	26	25	40	25	21	42	56	460
HV-25	25	3		12-150#	30	25	40	25	21	42	56	480
HV-30	30	3		12-150#	30	25	41	25	21	42	56	480
HV-40	40	3		12-150#	30	25	42	25	21	42	56	530
HV-50	50	3		12-150#	30	25	42	25	21	42	56	560

Dimensions, Inches. Dimensions are approximate.
Certified dimensional prints furnished upon request. Weights are less motor.

Model HG

Gear Driven – 1 to 60 HP

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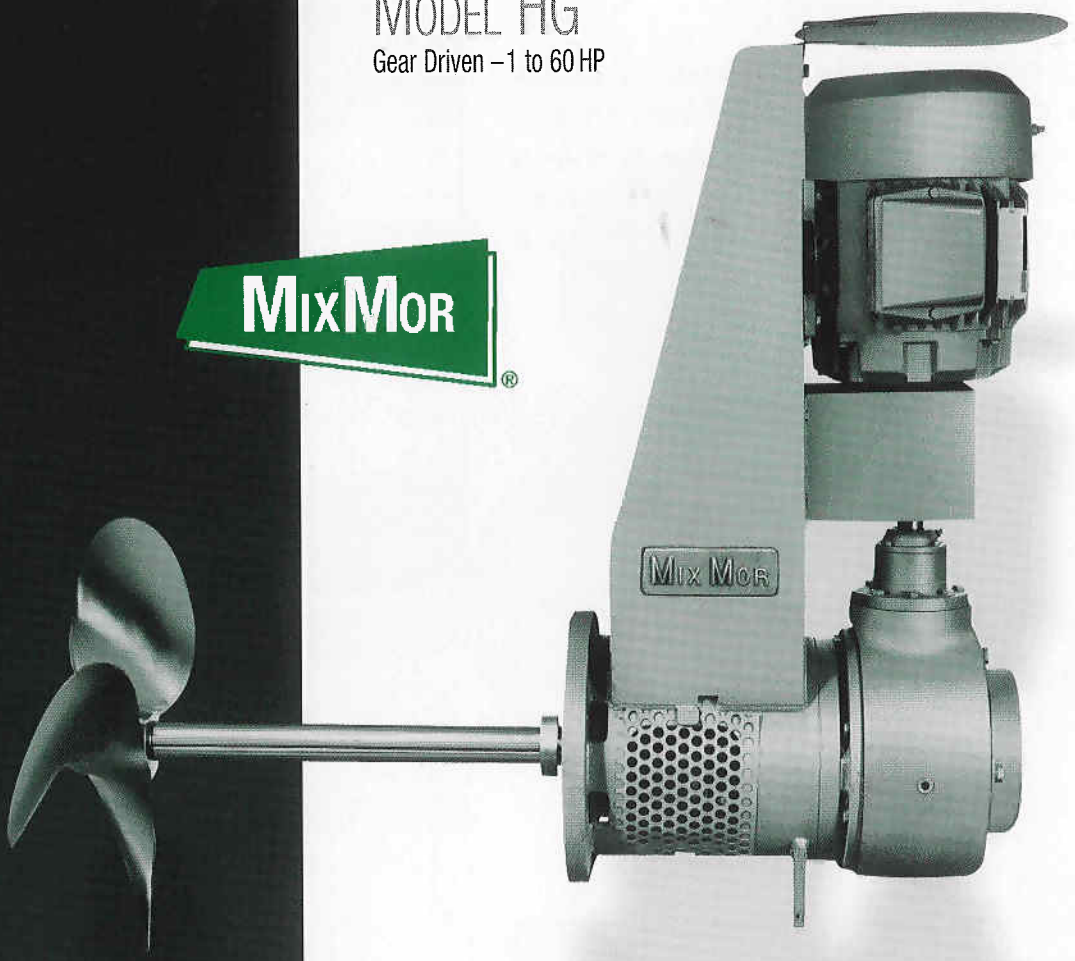

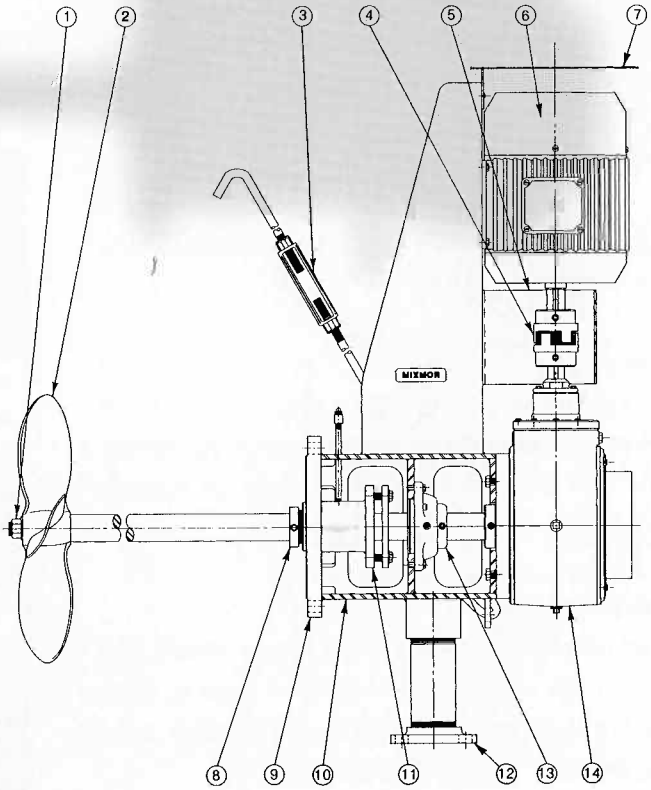

1. Self-locking Nut
2. Impeller
3. Tie Rod & Turnbuckle
4. Flexible Coupling
5. Guard
6. Motor
7. Motor Cover
8. Seal-off Collar
9. ANSI Mounting Flange
10. Welding Housing
11. Shaft Seal
12. Pedestal Base (optional)
13. Shaft Bearing
14. Gear Reducer