



MIXMOR

MIXMOR MIXERS

FOR EVERY INDUSTRY

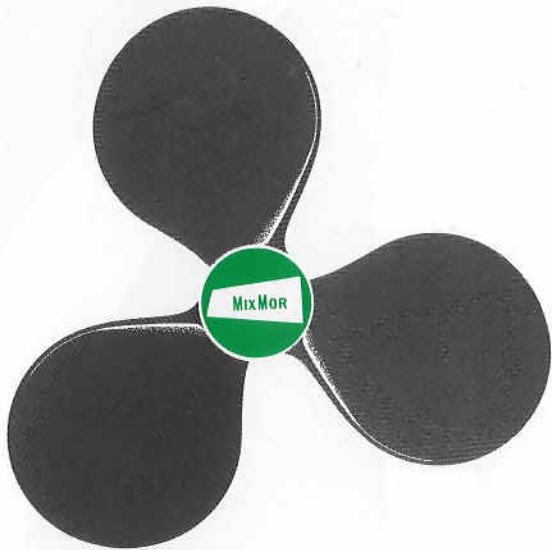


TABLE OF CONTENTS

PORTABLE MIXERS	
Direct drive, electric or air	4
Gear drive, electric or air	5
TOP ENTRY MIXERS	
Flange mount, direct or gear drive	6
Plate mount, direct or gear drive	7
Shaft seals	8
AIR MOTOR PERFORMANCE GRAPHS	9
LABORATORY MIXERS	10
POSITIONING TIPS	10-11
PROPELLER DATA	11
VARIABLE SPEED DRIVE	12-13
MIXMOR THROUGH THE YEARS	14
MIXERS FOR EVERY INDUSTRIAL APPLICATION	15

PERFORMANCE IS OUR CREED

Industrial mixers can be designed and built to any level of quality, to sell at any price. But only the uninitiated or impractical buyer will consign the fate of his end product to an "economy" mixer that is inadequate for the job.

At MixMOR, we understand the economics of mixing. We know that the user's profits are adversely affected when mixer problems lead to substandard products or production downtime.

That is why we build assured performance into every MixMOR unit. The fact that they are still competitively priced is due, not to compromises in quality and capability, but to design simplicity and volume production. Here are just a few of the features that contribute to MixMOR reliability:

DEPENDABLE MOTORS. For top entry propeller or portable mixers, all electric motors are either totally enclosed

or explosion-proof, single or three phase, NEMA Style C footless. Side entry and turbine units use standard foot mounted motors with choice of enclosure. All motors are standard models of well-known manufacturers and may be replaced from shelf stock.

LASTING LUBRICATION. Motor and shaft bearings are grease sealed and require no lubrication for the life of the bearing. Propeller mixer gear housings are grease packed before shipment and need no relubrication for one year at temperatures up to 250°F.

TRUE-RUNNING SHAFTS. Shafts are precision-ground and polished, and are carefully straightened under test to eliminate runout that could shorten bearing life.

EFFICIENT PROPELLERS. Propellers are square pitch and sized to suit the job. All propellers are statically balanced for vibration-free operation.

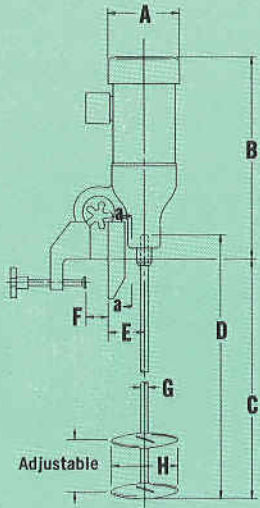
MIXMOR

PORTABLE MIXERS

DIRECT DRIVE. The mixer drive assembly components are factory aligned and tested, and are shipped as a package for jobsite mounting. The drive assembly includes an electric or air motor with prelubricated ball bearings. The motor has a NEMA Style C footless mounting for direct connection to the quill housing. Because of the direct drive design, full motor speed is transmitted to yield mixer shaft output speed of 1750 rpm for 1/4 thru 3/4 horsepower and 1150 rpm for 1 thru 5 horsepower.

The lower chuck component consists of an aluminum housing containing a widely spaced, prelubricated, double-sealed ball bearing to provide outboard support of the chuck shaft, which is subject to mixing stresses.

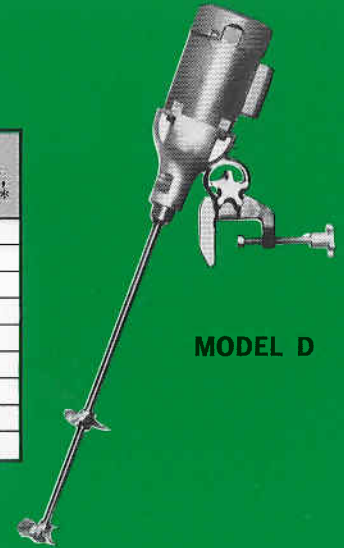
The swivel ball-and-socket mixer mounting arrangement attached to the quill housing is designed to allow 360° rotation on the horizontal plane and 90° on the vertical plane so proper positioning of the shaft and propellers can be achieved at the jobsite. A single or double (depending on hp) aluminum hand-wheel assembly is provided for mounting the bronze clamp on the tank wall.



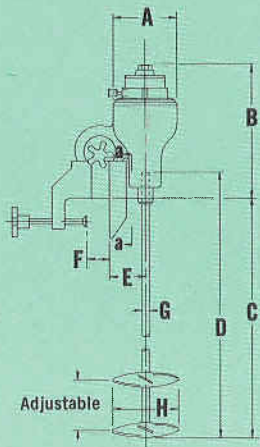
DIRECT DRIVE - ELECTRIC

MODEL	HP	DIMENSIONS, INCHES								H DUAL PROP. DIA.	WEIGHT, POUNDS*
		A	B	C	D	E	F	G			
D-14	1/4	6	17	35	36	3	3	5/8	3 1/2	34	
D-13	1/3	6	17	35	36	3	3	5/8	4	35	
D-12	1/2	7	20	46	48	3 3/4	3 3/4	5/8	4 1/2	52	
D-34	3/4	7	21	46	48	3 3/4	3 3/4	5/8	5	55	
D-11	1	7	21	58	60	3 3/4	3 3/4	7/8	6	85	
D-15	1 1/2	9	21	58	60	3 3/4	3 3/4	7/8	6 1/2	112	
D-2	2	9	23	58	60	3 3/4	3 3/4	7/8	7	123	
D-3	3	11	24	58	60	3 3/4	3 3/4	7/8	7 1/2	159	
D-5	5	11	25	58	60	3 3/4	3 3/4	7/8	7 1/2	182	

*Weight may vary with motor specifications.



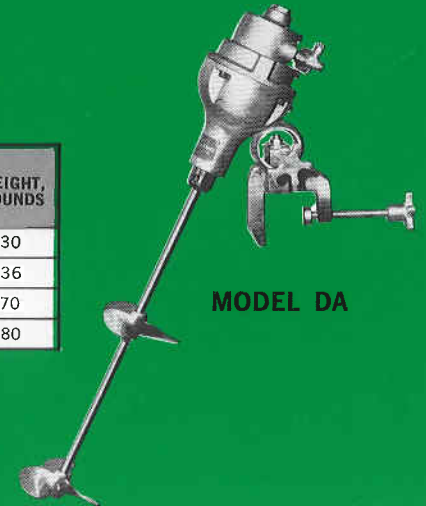
MODEL D



DIRECT DRIVE - AIR

MODEL	HP	DIMENSIONS, INCHES								H DUAL PROP. DIA.	WEIGHT, POUNDS
		A	B	C	D	E	F	G			
DA-13	1/3	6 1/2	12	35	36	3	3	5/8	4	30	
DA-11	1	6 1/2	12	46	48	3	3	5/8	6	36	
DA-2	2	6 1/2	16 1/2	58	60	3 3/4	3 3/4	7/8	6 1/2	70	
DA-4	4	6 1/2	18	58	60	3 3/4	3 3/4	7/8	7 1/2	80	

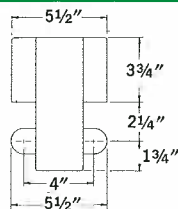
Dimensions are approximate. Certified dimensional prints furnished upon request.



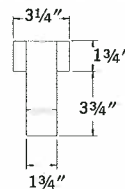
MODEL DA

SECTION a-a CLAMP FACE

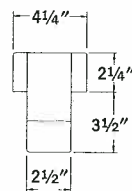
Dimensions,
Inches



AS FURNISHED FOR:
Model D - 1 through 5 hp.
DA-2
DA-4
Model G - 1/2 through 5 hp.
Model GA - 1, 2, & 4



AS FURNISHED FOR:
Model D - 1/4 and 1/3 hp.
Model DA - 1/3 and 1 hp.



AS FURNISHED FOR:
Model G - 1/4 and 1/3 hp.
Model GA - 1/3 hp only.
Model D - 1/2 and 3/4 hp.

