



Made in America



To Our Customers,

Mixing. To outsiders it seems simple. But you know better and we know better. For half a century we've worked together with you to find solutions for mixing applications. We are constantly looking at new ways to improve quality, maximize efficiency and minimize your safety concerns. We'll do whatever it takes to help you get the job done right. Our line of air and electric driven mixers, as well as, MixedFLOW™ Impellers has grown based on your needs and will continue to grow with you.

As you know, no single mixer works for every application. Fawcett's extensive line of mixing equipment is continuing to be developed to suit virtually every application. However, if there's something we don't have: Tell Us. We'll work with you. Whether it's a small part or an entire unit, Fawcett has the knowledge and ability to fulfill many of your mixing needs.

Our Mission

Through continuous research, investment in technology and constant communication with our customer, we strive to provide only the highest quality products and services. It's our commitment to never rest in our pursuit of total customer satisfaction.

Repair Services

Even though our equipment is built for maximum durability, things do occasionally wear out. So, in addition to our great line of products and accessories, we also have a highly trained staff of repair and refurbishing technicians ready to service your equipment and answer your questions.

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LABORATORY STIRRERS AIR AND GEAR DRIVEN

Fawcett table top stirring units are adaptable to a wide variety of applications from small beakers to multigallon containers. Direct drive models provide a wide speed range for medium torque for mixing. The gear drive model is designed for maximum performance on difficult to agitate high viscosity materials.

Each unit comes with stirrer shafts and MixedFLOW™ Impellers, block clamp, support stand, speed control valve, muffler and air supply hose.

Features:

- All-angle powerhead adjustment
- · Variable speed control
- Common components for economical maintenance
- Stainless steel and zinc plated parts for long life
- · Safe for almost all unstable materials
- Adjustable gear chuck and key
- Gear unit 15:1 motor reduction

MODELS	HP	SPEED (RPM)	VISCOSITY INTENSITY	CONTAINER SIZE	SHAFTS & SIZES	MIXEDFLOW™ IMPELLER DIAMETER	WT.
LS-1000X	1/2	500-9000	Low	Up to 1 gallon	(2) ⁵ /16" × 12"	2" and 3"	11 lbs.
LS-2000X	3/4	40-3000	Medium	Up to 5 gallons	(1) ⁵ / ₁₆ " x 12" (1) ³ / ₈ " x 15" (1) ½" x 18"	2", 3" and 4"	39 lbs.
LS-2200GR GEAR DRIVEN	1/2 15:1 ratio	25-350	High	Up to 5 gallons	(1) ½" x 18" (1) ³/s" x 18"	3" and 4" Paddle Shaft - 3" and 4"	38 lbs.
LS-3000X	1 3/4	40-3000	High	Up to 8 gallons	(1) ³ / ₈ " x12" (2) ½" x18"	3", 4" and 5"	43 lbs.
LS-4000X	3	40-3000	Low, Medium, High	Up to 10 gallons	(3) ½" x18"	4", 5" and 6" High Pitch	57 lbs.





DISPERSERS - AIR DRIVEN W/ TACHOMETERS

Fawcett's air motor driven disperser with tachometer is an effective way to dissolve solids. It combines our proven disperser with an easy-to-read tachometer to give you instant rpm readings.

Features:

- Safe and economic air driven motor (gear drive available on request)
- Excellent power to weight ratio
- Variable speed for flexibility
- Explosion-proof design (no spark or heat build-up)
- Stainless steel welded parts resist corrosion and sparking
- Low maintence for maximum time and cost-savings
- DS-4001 includes a manual air lift cylinder

Unit comes with stand and shafts, block clamp holders, disperser blades.

MODELS	HP	SPEED (RPM)	VISCOSITY INTENSITY	CONTAINER SIZE	SHAFTS	DISPERSER BLADES	AIR INLET AIR EXHAUST	WEIGHT
DS-3000	1.8	300-4000	Medium	Up to 5 gals.	18"	2", 3" and 4"	1/4"	49 lbs.
DS-4001	3	300-3000	High	Up to 8 gals.	23"	4", 5" and 6"	1/2"	150 lbs.

CLAMP-ON AIR-OPERATED PORTABLE MIXERS 5 TO 20 GALLONS

Each model features a non-reversible direct drive motor head, which can be swiveled 360° and a multi-clamp arrangement for easy adjustment and all-angle agitation.

Features:

- Direct drive motors
- · Variable speed control
- · SS shaft coupling
- · All-angle agitator adjustment

Each unit comes with stirrer shafts and MixedFLOW™ Impellers, sleeve coupling, c-clamp and clamp holder.

MODELS	HP	VISCOSITY INTENSITY	CONTAINER SIZE	SHAFTS & SIZES	MIXEDFLOW™ IMPELLER SIZE	WEIGHT
CL-1000	.5	Low	Up to 5 gallon	5/16" x15"	3 ¹¹	6 lbs.
CL-2000	1.0	Low-Medium	Up to 5 gallon	½" x15"	4"	11 lbs.
CL-3000	1.8	Low-High	Up to 5 gallon	½" x15"	5"	14 lbs. 12 oz.
CL-2200	.5	Very High	Up to 5 gallon	½" x15"	4"	10 lbs. 1 oz.



CLAMP-ON AIR-OPERATED DIRECT DRIVE PORTABLE MIXERS 55 GALLON & OPEN DRUMS

Designed for use with 55 gallon open drums, they utilize a multi-angle clamp arrangement for versatile all angle agitation and a powerhead which can be swiveled 360°.

Features:

- Direct drive motors (gear drive available on request)
- · All-angle agitator adjustment
- · Shaft coupling

- Variable speed control
- Drop forged c-clamps with non-corrosive plating
- Other shaft sizes and impellers available

Each unit comes with stirrer shafts and MixedFLOW™ Impellers, sleeve coupling, c-clamp and clamp holder.

MODELS HP		CONTAINER SIZE	SHAFTS & SIZES	MIXEDFLOW™ IMPELLER SIZE	WEIGHT	
OD-202	1.0	Up to 55 gallons	½" x 34"	5"	13 lbs. 4 oz.	
OD-203	1.8	Up to 55 gallons	½" x 34"	5"	17 lbs.	
OD-204	1.8	Up to 55 gallons	½" x 34"	(2) 5"	17 lbs. 8 oz.	
OD-206	1.8	Up to 55 gallons	½" x 34"	6"	17 lbs. 7 oz.	

MODELS	HP	VISCOSITY INTENSITY	CONTAINER SIZE	SHAFTS & SIZES	MIXEDFLOW™ IMPELLER SIZE	WEIGHT
OD-208	3	Medium to High	55 to 250 gallons	5/8" x 34"	(2) 6"	31 lbs.
OD-215	5	Medium to High	55 to 250 gallons	¾"× 34"	8"	37 lbs.

OD-208

H.D. CLAMP-ON PORTABLE DIRECT DRIVE AIR MIXER OPEN TANK

Designed for the tough to handle large capacity jobs. An adjustable valve on the power head allows for easy speed adjustments from 0 to 2700 rpm. A multi-angle clamp arrangement allows for all-angle adjustments of the agitator and unit.

Features:

- Powerful air-operated variable speed motors (gear drive available on request)
- All-angle agitator adjustment
- · Drop forged c-clamp mount with non-corrosive plating

Each unit comes with stirrer shafts and MixedFLOW™ Impellers, mounting bracket, s.s. coupling and clamp assembly.

MODELS	HP	VISCOSITY INTENSITY	CONTAINER SIZE	SHAFTS & SIZES	MIXEDFLOW™ IMPELLER SIZE	WEIGHT
OT-210	3	Medium to High	250 to 500 gallons	5/8" x 40"	(2) 6"	33 lbs.
OT-215	5	Medium to High	250 to 500 gallons	34" × 40"	(2) 8"	39 lbs.





DIRECT DRIVE AIR-OPERATED MIXERS FOR DRUMS AND TANKS - PM300 SERIES

Fawcett's direct drive air-operated mixers for drums and tanks are designed to effectively mix liquids without the worries of costly spills or splashing. An unmounted unit is also available.

Features:

- Powerful direct drive air-operated motor (gear drive available on request)
- Variable speed control
 Drum cover available in plain or stainless steel

Each unit comes with a stirrer shaft and MixedFLOW™ Impellers, mount, s.s. coupling & valve.

MODELS	HP	SPEED (RPM)	VISCOSITY INTENSITY	SHAFTS & SIZES	MIXEDFLOW™ IMPELLER SIZE	WEIGHT
PMC-308 (Plain steel drum lid)	1½	0-2700	Low to Medium	½" x 30"	6"	17 lbs.
PMC-308/25 (Plain steel drum lid)	11/2	0-2700	Low to Medium	½" x 30"	(2) 5"	18 lbs.
PMC-308S (Stainless steel drum lid)	1½	0-2700	Low to Medium	½" x 30"	6"	18 lbs.
PM-308 (No drum lid)	1½	0-2700	Low to Medium	½" x 30"	6"	13 lbs.
PM-308/25 (No drum lid)	11/2	0-2700	Low to Medium	½" x 30"	(2) 5"	13 lbs.





DIRECT DRIVE AIR-OPERATED MIXERS FOR DRUMS AND TANKS - PM400/500 SERIES

Fawcett's extra powerful 3 and 5 hp direct drive air-operated mixers for drums and tanks are designed to effectively mix liquids without costly spills or splashing. Also available are versions for use with tote tanks and various other tanks.

Features:

- Powerful 3 and 5 hp direct drive air operated motor (gear drive available on request)
- Heavy-duty drum cover available in plain or stainless steel

Each unit comes with stirrer shafts, MixedFLOW™ Impellers, powerhead mount, valve, muffler, oil-proof air hose, air filter and automatic oiler.

MODELS	HP	SPEED (RPM)	VISCOSITY INTENSITY	SHAFTS & SIZES	MIXEDFLOW™ IMPELLER SIZE	WEIGHT
PMC-408 D (Plain steel drum lid for 55 gal, drum)	3	0-2700	Medium	5/8" x 30 1/2"	(2) 6"	32 lbs.
PMC-408 D/S (Stainless steel drum lid for 55 gal. drum)	3	0-2700	Medium	5/8" x 30 1/2"	(2) 6"	34 lbs.
PMC-408 TT (Plain steel drum lid for use on tote tanks)	3	0-2700	Medium	5/8" x 40"	(2) 6"	32 lbs.
PMC-408 TT/S (Stainless steel drum lid for use on tote tanks)	3	0-2700	Medium	5/8" x 40"	(2) 6"	34 lbs.
PM-408 (No drum lid - for tanks)	3	0-2700	Medium	5/8" x 40"	(2) 6"	29 lbs.
PMC-508 D (Plain steel drum lid for 55 gal, drum)	5	0-2700	Medium to High	3/4" x 30 1/2"	8"	33 lbs.
PMC-508 D/S (Stainless steel drum lid for 55 gal. drum)	5	0-2700	Medium to High	3/4" x 30 1/2"	8"	34 lbs.
PMC-508 TT (Plain steel drum lid for use on tote tanks)	5	0-2700	Medium to High	3/4" x 40"	(2) 8"	36 lbs.
PMC-508 TT/S (Stainless steel drum lid for use on tote tanks)	5	0-2700	Medium to High	3/4" x 40"	(2) 8"	38 lbs.
PM-508 (No drum lid - for tanks)	5	0-2700	Medium to High	3/4" x 30 1/2"	8"	32 lbs.



CLAMP-ON ELECTRIC DIRECT DRIVE AND GEAR DRIVEN MIXERS

Designed for maximum performance and minimum maintenance. From low to high viscosity materials.

Features Include:

- · Gear reducers for increased torque
- Stainless Steel shafts and MixedFLOW™ impellers
- · Heavy-duty tilting clamp
- Low maintenance
- Non-corrosive components
- Other blade styles available

MODELS	HP RPM		VISCOSITY INTENSITY	SHAFTS & SIZES			
OD-202/E	1/3	1800	Low	5/8" x 34" LG	(1) 5" MixedFLOW	50 lbs.	
OD-203/E	D-203/E ½ 1800		Low	5/8" x 34" LG	(1) 5" MixedFLOW	50 lbs.	
OD-204/E	1	1800	Low-Medium	5/8" x 34" LG	(2) 5" MixedFLOW	50 lbs.	
OD-206/E	1½	1800	Medium	5/8" x 34" LG	(1) 6" MixedFLOW	50 lbs.	
Gear Driven Mixers					100 - 200		
OD-202/EG	1/3	345	Medium High -High	1" x 34" LG	(1) 5" Prop	65 lbs.	
OD-203/EG	1/2	345	Medium High -High	1" x 34" LG	(1) 5" Prop	65 lbs.	
OD-204/EG	1	345	Medium High -High	1" x 34" LG	(1) 12" Turbine	70 lbs.	
OD-206/EG	1½	345	Medium High -High	1" x 34" LG	(1) 14" Turbine	72 lbs.	

BUNG MOUNT / ENTERING MIXERS

Fawcett's drum mount mixers are known for their durability, performance and versatility. A high torque powerhead is also available for difficult to agitate high viscosity materials. Optional accessories: AF-3 filter, AH-5 hose and AO-3 oiler

Features:

· Variable speed control for all models

ADM-3 Each unit comes with a LS-103A powerhead, bung hole mount and a square drive coupler.

BHM-3A Each unit comes with a LS-103A powerhead, bung hole mount, s.s. coupling, 30" shaft and (1 or 2) bung hole impellers.



345

345

345

PORTABLE PAIL MIXERS

1/4

1/2

1

Features:

- · Work through the lid of a 5-gallon bucket, portable and lightweight.
- Fits lids up to 121/4" in outer diameter.
- · All TEFC models ship ready-to-use with cord. plug, switch, mixing shaft and 41/2" diameter folding impeller.

BHGM-1E (Electric, Gear Drive, Bung Mount)

BHGM-2E (Electric, Gear Drive, Bung Mount)

BHGM-3E (Electric, Gear Drive, Bung Mount)

· Ring mount provides low center of gravity for steady, worry-free mixing.

Low-Medium

Medium-High

½ x 32" LG

1/2 x 32" LG

1/2 x 32" LG

- · Air models have explosion-proof, lightweight air motors.
- · All models come with speed control valve, muffler and mixing shaft.

MODELS	HP	RPM	VOLT	BLADE SIZE/TYPE
Ring Mounted FPM-3/4 A	3/4	2,800	-	4" Folding
FPM-1 A	1	2,700	_	4" Folding
FPM-3/4 E	3/4	1,725	110	4" Folding
FPM-1 E	1	1,725	110	4" Folding
Lid Mounted FLM-3/4	3/4	2,800	_	5" Propeller
FLM-1	1	2,700	-	5" Propeller



(1) 7" Folding

(1) 7" Folding

(2) 7" Folding









HAND HELD MIXERS AND LIFT STAND

HM-4HD Hand Held Mixer

Perfect for quick, on-the-spot agitation of low viscosity materials in containers up to 5 gallons.

Features:

- Easy to use, clean and maintain
- 8' recoil hose

Unit comes with a heavy duty hand held powerhead, air hose and 18" shaft - 4" diameter.

MLA-4581 Lift Stand

Will accommodate containers from 5 gallon to 55 gallon drums. Constructed from heavy gauge plate steel and square tubing.

Features:

- · Air cylinder for raising and lowering the mixer
- 12" x 12" mounting base
- 36" of lift

MODEL	RPM	VISCOSITY SHA INTENSITY LEN			MIXEDFLOW™ IMPELLER SIZE	
HM-4HD	0-2100				4"	
MODEL STYLE		TY	PE	MIXER MOUNT HT. MIN. MAX.		
MLA-4581	Air Lift	Statio	nary	45"	81"	



THE FAWCETT "TRANSMIX SYSTEM"

For Portable Totes and Shipping Containers

This system consists of two primary components: a lower shaft/blade unit and an upper power unit complete with detachable lid mounting plate. Installation is fast and easy,* the tank's lid is simply 'sandwiched' between the unit's upper and lower parts and secured by bolts (no welding). The upper unit can be quickly moved from tank to tank. The tank contents remain sealed when the drive unit is removed.

Features:

- Includes gear reducer
- Quick mount with locking pin
- Electric motor Choices: 1.5 hp, 2 hp and 3 hp

• Air motor Choices: 1.75 hp, 3 hp and 5 hp air, or 1.5 hp electric

• Hydraulic motors available

Can be supplied with your choice of turbine blade sizes & shaft lengths. Please call our customer service department for details.

TM-3 Upper unit consists of a motor (air, hydraulic or electric), gear box and mounting flange and coupling.

TM-4 Lower unit consists of a mounting plate, bearing housing shaft and (2) turbine blades.

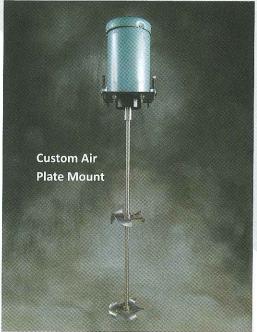
MODEL #	DRIVE TYPE	HP	RPM	SHAFT SIZE	BLADE SIZE / TYPE	WEIGHT	
Complete Units							
2156D1-40 (350 Gal. Tank)	Air, Electric or Hydraulic	3	Variable	1"d x 40"	14" Turbine 16" Turbine, STD	77lb. per average	\$3,750.00
2156D1-60 (500 Gal. Tank)	Air, Electric or Hydraulic	4	Variable	1"d x 60"	14" Turbine 16" Turbine, STD	80lb. per average	\$3,750.00
2156D1-77 (750 Gal. Tank)	Air, Electric or Hydraulic	5	Variable	1"d x 77"	14" Turbine 16" Turbine, STD	82lb. per average	\$3,750.00
Upper Drive Unit (15-TM-3)							
2156D3-A1.8	Air	13/4		N/A	N/A	42lb. per average	\$2,300.00
2156D3-A3.0	Air	3		N/A	N/A	42lb. per average	\$2,300.00
2156D3-A5.0	Air	5		N/A	N/A	42lb. per average	\$2,300.00
2156D3-E1.5XP	Electric	11/2		N/A	N/A	42lb. per average	\$2,300.00
2156D3-E2.0	Electric	2		N/A	N/A	42lb. per average	\$2,300.00
2156D3-H3.0	Hydraulic	3		N/A	N/A	42lb. per average	\$2,300.00
Lower Unit (15-TM-4)					0		
2156D4-34	N/A	N/A	N/A	1" x 34"	14" Turbine 16" Turbine, STD	25lb. per average	\$1450.00
2156D4-38.5	N/A	N/A	N/A	1" x 38.5"	14" Turbine 16" Turbine, STD	25lb. per average	\$1450.00
2156D4-40	N/A	N/A	N/A	1" x 40"	14" Turbine 16" Turbine, STD	25lb. per average	\$1450.00
2156D4-45	N/A	N/A	N/A	1" x 45"	14" Turbine 16" Turbine, STD	25lb. per average	\$1450.00
2156D4-60	N/A	N/A	N/A	1" x 60"	14" Turbine 16" Turbine, STD	28lb. per average	\$1450.00
2156D4-62.5	N/A	N/A	N/A	1" x 62.5"	14" Turbine 16" Turbine, STD	28lb. per average	\$1450.00
2156D4-77	N/A	N/A	N/A	1" x 77"	14" Turbine 16" Turbine, STD	30lb. per average	\$1450.00

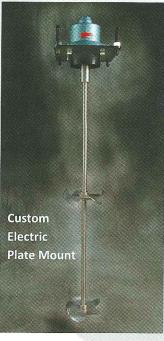
CUSTOM ENGINEERED MIXERS

Design your own

Through the years, Fawcett has developed an extensive line of products designed to meet virtually any mixing need. However, if your project requires specialization, our staff will work with you to create a customized unit built to your exact specifications. Below are just some of the more popular types of mixers that can be customized.







Here's How It Works:

- 1. Select drive Air or Electric
- 2. Drive type direct or gear driven
- **3.** Horsepower 3/4, 1.8, 3 or 5 for Air drive or 1/2, 1, 1.5, 2, 3, or 5 for Electric drive
- 4. Select mounting style: Bridge (specify tank style, steel or plastic) or plate mount
- Shaft length: (Tank depth -1.5 x blade diameter off bottom of tank)
- 6. Number of blades required
- 7. Blade style: MixedFLOW impellers, marine style propellers (All gear drives get turbine blades)
- **8.** Complete your notes and email or call our sales department at 330 659-4187 www.fawcettco.com

We also offer custom solutions for flange mounted, tri-clamp and bracket mounted mixers.

IBC TOTE MIXERS



- ☑ Light weight: Less than 15 lbs.
- Tote Mixer uses Center Bung in Tote Closure for Mounting
- Easy to Assemble or Move
- Includes Speed Control Valve and Muffler
- All Wetted parts are 304 Stainless Steel
- TT-103 LS-103B Powerhead, with 2" Threaded Mount, SS Coupling, (1) MF-43H Impeller, SB-30 Shaft Mounted to a Plastic, Vented Lid
- TT-103S LS-103B Powerhead, with 2" Threaded Mount, SS Coupling, (2) MF-43H Impeller, SB-30 Shaft Mounted to a Plastic, Vented Lid
- TT-104 LS-104B Powerhead, with 2" Threaded Mount, SS Coupling, (1) MF-53H Impeller, SC-32 Shaft Mounted to a Plastic, Vented Lid
- TT-104S LS-104B Powerhead, with 2" Threaded Mount, SS Coupling, (2) MF-53H Impeller, SC-32 Shaft Mounted to a Plastic, Vented Lid



MIXEDFLOW™ IMPELLERS

Fawcett's patented MixedFLOW™ impellers work and perform like no others available on the market. Unlike heavy cast propellers, these high performance impellers are self-centering and extremely light allowing for use of smaller diameter shafts to keep vibration at a minimum during high-speed usage. The custom blade pitch design creates a unique flow pattern that keeps materials evenly suspended and thoroughly mixed during agitation. Combine MixedFLOW™ impellers with our stainless steel shafts for an impressive lightweight, durable and easy to maintain mixing unit.

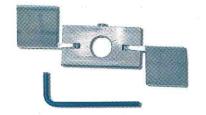
MODEL #	DESCRIPTION
REC	GULAR PITCH
MF-21R	17/8" D x 5/16" Bore
MF-22R	1 ⁷ / ₈ " D x ³ / ₈ " Bore
MF-31R	3" D x 5/16" Bore
MF-32R	3" D x 3/8" Bore
MF-43R	4" D x 1/2" Bore
MF-53R	5" D x 1/2" Bore
MF-63R	6" D x 1/2" Bore
MF-64R	6" D x 5/8" Bore
H	IIGH PITCH
MF-21H	17/8" D x 5/16" Bore
MF-22H	1 ⁷ /8" D x ³ /8" Bore
MF-31H	3" D x 5/16" Bore
MF-32H	3" D x 3/8" Bore
MF-43H	4" D x 1/2" Bore
MF-53H	5" D x 1/2" Bore
MF-63H	6" D x 1/2" Bore
MF-64H	6" D x 5/8" Bore
MF-84H	8" D x 5/8" Bore
MF-85H	8" D x 3/4" Bore



PADDLE SHAFT ASSEMBLIES

304 SS Construction.

MODEL#	DESCRIPTION
PS-20	3" Blade, 5/16" x 22" Shaft
PS-50	4" Blade, 5/16" x 22" Shaft



BUNG ENTERING FOLDING IMPELLER

Closed to enter tank, opens up when mixing. Mount anywhere on mixing shaft. Made from 304 stainless steel.

MODEL #	DESCRIPTION
BHI-4/4	4" D x 1/2" Bore
BHI-4/5	4" D x 5/8" Bore
BHI-7/4	7" D x 5/8" Bore
BHI-7/5	7" D x ³ / ₄ " Bore
BHI-10/5	10" D x 5/8" Bore
BHI-12/5	12" D x 5/8" Bore
BHI-14/5	14" D x 5/8" Bore

Up to 1" Bore available on FHI Impellers (Add \$30.00)



TURBINE BLADE

Made from 304 SS. Welded construction, includes SS set screw and hex wrench.

MODEL #	DESCRIPTION
MF-110T	10" SS Turbine Blade
MF-120T	12" SS Turbine Blade
MF-140T	14" SS Turbine Blade
MF-160T	16" SS Turbine Blade



PROPELLERS

316 SS, Cast Propellers. Bores from 3/8" through 1".

MODEL #	DESCRIPTION
MF 33P	3/8" Bore
MF 34P	½" Bore
MF 43P	1/2" Bore
MF 44P	⁵/e" Bore
MF 53P	½" Bore
MF 54P	5/8" Bore
MF 63P	½" Bore
MF 64P	5/8" Bore
MF 83P	5/8" Bore
MF 84P	³/4" Bore



SS DISPERSION BLADES, F, GF and K

High performance precision blades. Note: When ordering blades, add style letter to end of model numbers below. Example: MF-23DK will get you the MF-23D with the K style blade. Use shafts SB-12T through SB-40T.

MODEL#	DESCRIPTION
MF-1.625D	1.625" D x 1/2" Bore
MF-23D	2" D x 1/2" Bore
MF-33D	3" D x 1/2" Bore
MF-43D	4" D x 1/2" Bore
MF-53D	5" D x 1/2" Bore
MF-63D	6" D x 1/2" Bore
MF-83D	8" D x 1/2" Bore
MF-103D	10" D x 1/2" Bore
MF-123D	12" D x 1/2" Bore



WELDED-ON DISPERSER MOUNTING HUBS

Supplied with set screw for easy mounting. Enables disperser blades to be used with standard Fawcett shafts. Standard hub is 303 stainless steel.

MODEL#	DESCRIPTION
MF-1.625D/H	Disp. blade w/hub
MF-23D/H	Disp. blade w/hub
MF-33D/H	Disp. blade w/hub
MF-43D/H	Disp. blade w/hub
MF-53D/H	Disp. blade w/hub
MF-63D/H	Disp. blade w/hub
MF-83D/H	Disp. blade w/hub
MF-103D/H	Disp. blade w/hub
MF-123D/H	Disp. blade w/hub



STAINLESS STEEL SHAFTS

Made from 303 SS. Special order lengths available. Call customer service for a quote.

MODEL #	DESCRIPTION
S-9	9" length, ⁵ /16" Dia.
S-12	12" length, ⁵ /16" Dia.
S-15	15" length, ⁵/16" Dia.
S-18	18" length, ⁵ /16" Dia.
S-24	24" length, 5/16" Dia.
SA-9	9" length, 3/8" Dia.
SA-12	12" length, 3/8" Dia.
SA-15	15" length, 3/8" Dia.
SA-18	18" length, 3/s" Dia.
SA-24	24" length, 3/8" Dia.
SB-12	12" length, 1/2" Dia.
SB-15	15" length, 1/2" Dia.
SB-18	18" length, 1/2" Dia.
SB-24	24" length, 1/2" Dia.
SB-30	30" length, 1/2" Dia.
SB-34	34" length, 1/2" Dia.
SB-40	40" length, 1/2" Dia.
SC-30-1/2	301/2" length, 5/8" Dia.
SC-34	34" length, 5/8" Dia.
SC-40	40" length, 5/8" Dia.
SD-30-1/2	301/2" length, 3/4" Dia.
SD-34	34" length, 3/4" Dia.
SD-40	40" length, 3/4" Dia.

S.S. THREADED DISPERSER SHAFTS

Made from 303 SS. Special order lengths available. Includes 2 S.S. hex nuts. Call customer service for a quote.

MODEL #	DESCRIPTION
SB-12T	12" length, 1/2" Dia
SB-15T	15" length, 1/2" Dia
SB-18T	18" length, 1/2" Dia
SB-24T	24" length, 1/2" Dia
SB-30T	30" length, 1/2" Dia.
SB-34T	34" length, 1/2" Dia.



COUPLING

Used when attaching shafts to motors or gearboxes. Comes with set screws and hex key wrench.

MODEL#	DESCRIPTION
01S	5/16" brass sleeve coupling
03S	1/2" thru bore SS coupling
04S	5/8" thru bore SS coupling
05S	34" thru bore SS coupling
C4 x 3	³/₅" x ½" Dia. Step CPLG
C5 x 4	½" x 5/8" Día. Step CPLG
C6 x 4	1/2" x 3/4" Dia. Step CPLG
C6 x 5	5/8" x 3/4" Dia. Step CPLG
C8 x 6	1" x ¾" Dia. Step CPLG
C # x #	Stepped Couplings Up to $11/4$ " diameter: price $3 = \frac{8}{6} (8^{\circ} - 7 = \frac{7}{6} (8^{\circ})^{\circ})$ on $4 = \frac{1}{2} (8^{\circ} - 8 = 1)^{\circ}$ request $5 = \frac{6}{6} (8^{\circ} - 9 = 1)^{\circ} (8^{\circ})^{\circ}$ $6 = \frac{9}{4} (4^{\circ} - 10 = 1)^{\circ} (4^{\circ})^{\circ}$



CONTAINER HOLDERS

Complete with L-4 Clamp Block. Actual holder is diecast and chrome plated, with SS chain.

MODEL #	DESCRIPTION
CH-1-C	1 gallon size
CH-5-C	5 gallon size



DRUM BRACKET FOR FIXED-MOUNT MIXERS

Adjustable mounting bracket.

MODEL #	DESCRIPTION
FTDB	Fits drum f om 18" to 31" D



TOTE BRACKET FOR PLATE-MOUNT MIXERS

Adjustable mounting bracket.

MODEL#	DESCRIPTION
ВМ-Р	Fits caged bulk tanks from 34" to 48" wide
BM-S	Fits steel totes from 34" to 48" wide



DR-CLAMPS

Attaches stirrer motor to the side of mixing container. Clear zinc plated for long life.

MODEL#	DESCRIPTION
DR-7	C-clamp mount & L-4 clamp holder comb.
DR-8/9	Heavy-duty C-clamp mount & L-4 clamp holde combination
DR-10	Dual clamp assembly & C-8 clamp holder comb.
DR-12	Dual clamp assembly with clutch disc



POWERHEADS

Excellent alternative for explosion-proof environment. Requires minimal maintenance and cannot be damaged by overloading. Wide speed ranges with medium torque values (when used with lower viscosity materials). Comes with adjustable chuck or coupling, mounting rod, speed control valve and muffler.

MODEL #	DESCRIPTION
LS-101A	with 5/16" Coupling
LS-101B	with 1/2" Chuck
LS-122GR	with 1/2" Chuck (15:1 ratio)
LS-102A	with 1/2" Chuck
LS-102B	with 1/2" Coupling
LS-102NEMA	with 1/2" Coupling
LS-103A	with 1/2" Chuck
LS-103B	with 1/2" Coupling
LS-103NEMA	with 5/8" Coupling
LS-104A	with 1/2" Chuck
LS-104B	with 5/8" Coupling
LS-104NEMA	with 5/8" Coupling
LS-105B	with ¾" Coupling
LS-105NEMA	with 7/8" Coupling



MOTOR (PLAIN)

Standard "Bare Bones" replacements for Fawcett motors. Does NOT include any of the accessories listed with the Powerheads.

MODEL #	DESCRIPTION
10A	1/2 HP
10GR	1/2 HP Gear Motor
20A	¾ HP
20NEMA	34 HP 56C Flange
30A	1.8 HP
30NEMA	1.8 HP 56C Flange
40A	3.0 HP
40NEMA	3.0 HP 56C Flange
50A	5.0 HP
50NEMA	5.0 HP 56C Flange



GATE VALVE

Brass Construction.

MODEL #	DESCRIPTION
03V	1/4" Gate Valve



NEEDLE VALVE

Solid brass construction, fine adjustment.

MODEL #	DESCRIPTION
01V	1/8 x 1/4 Precision Brass Valve
02V	1/4 x 1/4 Precision Brass Valve



BRASS BALL VALVE

Brass & Stainless Construction

MODEL #	DESCRIPTION
03BV-NEMA	1/4" Ball Valve
04/05V	1/2" Ball Valve



ADJUSTABLE CHUCK & KEY

Will mount on specific motor shaft with set screw.

MODEL #	DESCRIPTION
01J	1/2" Adj. Chuck w/key (for 101A)
03J	1/2" Adj. Chuck w/key (for 102A/103A)
04J	1/2" Adj. Chuck w/key (for 104A)



AIR HOSE SECTION

Swaged brass fittings and heavy duty reinforced air hose make up these assemblies used to connect your facility's air supply to the powerhead.

MODEL #	DESCRIPTION
AH-4	1/4" x 4' with 1/8" MNPT
AH-5	3/8" x 5' with 1/4" MNPT
AH-210	1/2" x 10' with 1/2" MNPT



REPAIR KIT FOR POWERHEADS

Designed to give your powerhead new life. Kit consists of: bearings, gaskets, seal, valves (springs and pins if required).

MODEL#	DESCRIPTION
	USED ON:
K-201	LS-101A/B/GR
K-202	LS-102A/B
K-510	LS-102NEMA
K-203	LS-103A/B STD
K-205	LS-103A/B REV
K-206A	LS-103NEMA
K-208	LS-104A/B, NEMA
K-210	LS-105B
K-211	LS-105NEMA



STAND & ROD

All parts are clear zinc plated for corrosion resistance, steel powerhead support rod screws into base.

MODEL#	DESCRIPTION
AX-1	Support Stand
AX-23	H.D. Support Stand 34"
AX-25	H.D. Support Stand 48"



Plated steel complete with set screw.

MODEL #	DESCRIPTION
01R	101 Rod Ring Assembly
02/03R	102/103 Rod Ring Assembly



ROD MOUNT

Plated steel. Use with Fawcett "L" Blocks, and Clamps.

MODEL #	DESCRIPTION
04R	104 Rod Mount
05R	105 Rod Mount



AIR FILTERS/ FILTER LUBRICATORS

Maximum Pressure 100 PSI removes impurities down to 40 microns. Lubricators adjustable for a drop arbor to full flow.

MODEL#	DESCRIPTION
AF-2	Filter 1/4" NPT
AF-3	Filter 3/8" NPT
AF-4	Filter ½" NPT
AO-2	Lubrocator 1/4" NPT
AO-3	Lubricator 3/s" NPT
AO-4	Lubricator 1/2" NPT



MUFFLERS

Reduces excessive exhaust noise. Improves motor performance. Helps meet important safety standards.

MODEL #	DESCRIPTION
KI-6	1/4" MNPT Noise Muffler
M-07	1/2" MNPT Auto Muffler



CLAMP BLOCK

Attaches rod mounts, motors to support stands. Zinc-plated steel. T handles included.

MODEL#	DESCRIPTION
L-1	Clamp Block w/T-handle
L-1P	Clamp Block w/T-handle
L-2	Clamp Block w/T-handle
L-3P	Clamp Block w/T-handle
L-4	Clamp Block w/T-handle
L-6	Clamp Block w/T-handle
L-8	Clamp Block w/Hex Hd. Bolt
TH-1	1/4 - 20 T-handle



WORK STATIONS

Professionally engineered with all welded tubular construction and intense eye on design for the most modern mixing and dispersing station. This station allows you to work more efficiently and comfortably resulting in increased production capacity.

Note: WS-HK Work Station Hose Kit available upon request. All workstations shipped common carrier.

Features:

- The perfect height for lifting heavy pails, operating dispersers, and mixing equipment.
- Unit comes with AF-4 filter and AO-4 lubricator.
- Type 304 smooth 16-gauge stainless steel top.
- \bullet 24"w x 93"l x 24"h, 30" removable backsplash.
- Three or four AX-23R stand rods, depending on model 36" x 3/4" diameter for support of mixer.
- HD angle reinforcement of top work surface to maintain a level work surface.

MODELS		LENGTH	NUMBER OF STATIONS		
Work Station	WS-6	6'	4		
	WS-8	8'	4		
	WS-SINGLE	2'	1		

Price Guarantee

Fawcett will not sacrifice quality for a lower price. We're committed to supplying our customers with quality equipment at a fair price. If you happen to find the same product at a lower price, Fawcett will match that price.

Don't forget, Fawcett specializes in custom manufacturing of mixing equipment and accessories.

Simply contact our Customer Service Department at 330-659-4187 for further details.

Product Warranty

Our products are guaranteed against defective materials and workmanship. We will repair or replace such items as may prove defective at our option. Warranty period is one year on items manufactured by Fawcett. On items not manufactured by Fawcett, the manufacturers warranty applies. All component parts of our products are covered by this warranty, except for normal wear items such as impellers. We cannot be responsible for damage or abuse to equipment caused by improper installation or operation. Warranties can also be voided by unauthorized disassembly of equipment. For warranty repairs, equipment is returned to Fawcett at the customer's expense; we will repair and return to customer at our expense. Under no circumstances will we allow labor charges or other expense to repair defective merchandise. This warranty is exclusive and is in lieu of all other warranties, whether expressed or implied. Fawcett shall not be liable for any other damages, whether consequential, indirect, or incidental, arising from the sale or use of its products.

Returns and Exchanges

Please contact our Customer Service Department for all returns. Returns will not be accepted without an RMA number.

Same day shipping and rush shipments are usually available.

We ship stock items and other standard parts the same day we receive the order, if the order is placed with Fawcett before noon EST. If you need fast delivery of your order, FedEx or UPS Overnight or 2day service for most Fawcett products are options. Larger items are shipped via motor freight. Please contact our Customer Service Department for current lead times, available shipping options or other assistance.

Easy Ways to Order

Telephone: 330-659-4187

7:00am-4:30pm EST, Monday - Friday

Fax: 330-659-6991 24 Hours a day

Check our website for product information: www.fawcettco.com

Payment Options

- 1. Invoice with approved credit. Terms Net 30 Days
- 2. Check
- 3. We accept the following credit cards:









YES... WE REPAIR MIXERS!

Do you have a pile of old mixers laying in your plant or laboratory? Turn your old mixers into production profits!

Check out Fawcett's Repair and Refurbish Service Features:

- Repair Any Brand
- Free Estimates
- Trained Techs
- We use Genuine O.E.M. Parts Fast Service
- · Free Tech Talk



Note: Please specify if you would like a repair estimate before any work is performed on your mixer. If after our examination of your mixer head, we find that the repair estimate is more than 1/2 the cost of a new mixer... you will be automatically contacted. Often, a new mixer head is the best option.

Please send a note including: Mixer's problems, if you need and estimate, your company name, your name, your telephone and fax number, and the address you want the mixer shipped to.

Fawcett Co., Inc. 3863 Congress Parkway, Richfield, Ohio 44286 PH 330/659-4187 • Fax 330/659-6991 • www.FawcettCo.com

CHECK ONE BOX: REPAIR & RETURN CALL WITH ESTIMATE BEFORE REPAIRI COMPANY NAME YOUR NAME PHONE NUMBER SHIP TO ADDRESS	LIST PROBLEMS		ISTRUCTIONS
COMPANY NAME			
YOUR NAME FAX NUMBER FAX NUMBER	CHECK ONE BOX:	REPAIR & RETURN	☐ CALL WITH ESTIMATE BEFORE REPAIR
PHONE NUMBER FAX NUMBER	COMPANY NAME		
	YOUR NAME		
SHIP TO ADDRESS	PHONE NUMBER		FAX NUMBER
	SHIP TO ADDRESS		

SPECIFICATIONS

LS-101 Powerhead

10A Motor only, 1/8" NPT intake and exhaust port

01V Valve, 1/8" F inlet, M outlet

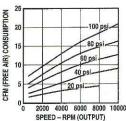
01M Muffler

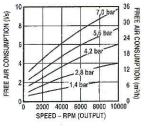
01S Sleeve Coupling

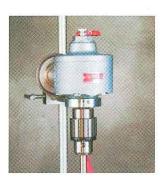
01R Rod Ring Assembly

01J Jacobs Gear Chuck, 3/8", with adapter

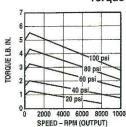


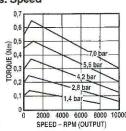




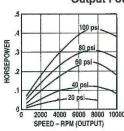


Torque vs. Speed





Output Power vs. Speed



Used on:

LS-1000X

CL-1000

LS-102 Powerhead

20A Motor only, 1/4" NPT intake and exhaust port

02V Valve, 1/4" Finlet, M outlet

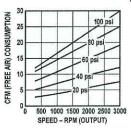
03M Muffler

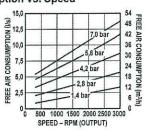
03J Jacobs Gear Chuck, 1/2", with key

03S Sleeve Coupling, optional in place of chuck

03R Rod Ring Assembly

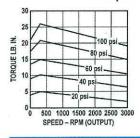
Air Consumption vs. Speed

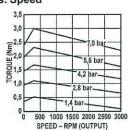




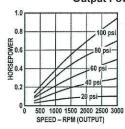


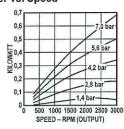
Torque vs. Speed





Output Power vs. Speed





Used on:

LS-2000X

CL-2000

OD-202

LS-103 Powerhead

30A Motor only, 1/4" NPT intake and exhaust port

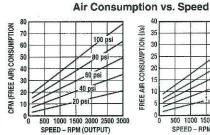
03V Valve, 1/4" Finlet, M outlet

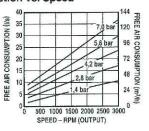
03M Muffler

03J Jacobs Gear Chuck, 1/2", with key

03S Sleeve Coupling, optional in place of chuck

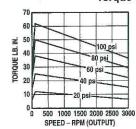
03R Rod Ring Assembly

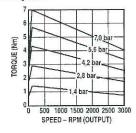




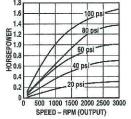


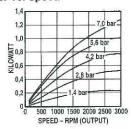
Torque vs. Speed





Output Power vs. Speed





Used on:

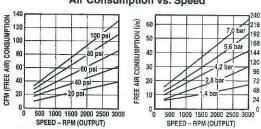
LS-3000X CL-3000 OD-203 OD-204 PMC-308ZS ADM-3 BHM-3

OZ-206

PMC-308S PMC-308

SPECIFICATIONS

Air Consumption vs. Speed



LS-104 Powerhead

40A Motor only, 1/8" NPT intake and exhaust port

04V Valve, 1/8" F inlet, M outlet

04M Muffler

03J Jacobs Gear Chuck, 1/2", with key

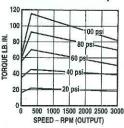
04S Sleeve Coupling, optional in place of chuck

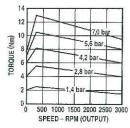
04R Rod Mount Assembly

Used on:

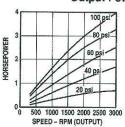
LS-4000X OD-208 OT-210 PMC-408D PMC-408D/S PMC-408TT PMC-408TT/S PMC-408M

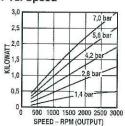
Torque vs. Speed



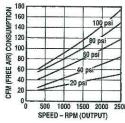


Output Power vs. Speed





Air Consumption vs. Speed



300 FREE AIR CONSUMPTION (m³/h) 2264 2216 2216 22 26 72 48 44 22 6 FREE AIR CONSUMPTION (I/s) 60 50 40 30 20 SPEED - RPM (OUTPUT)

LS-105 Powerhead

50A Motor only, 1/2" NPT intake and exhaust port

04V Valve, 1/2" Finlet, M outlet

04M Muffler

03J Jacobs Gear Chuck, 1/2", with key

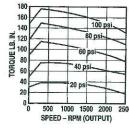
05S Sleeve Coupling, optional in place of chuck

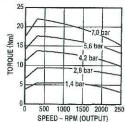
05R Rod Ring Assembly

Used on:

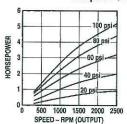
OD-215 OT-215 PMC-508D PMC-508D/S PMC-508TT PMC-508TT/S PM-508

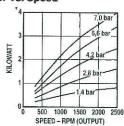
Torque vs. Speed





Output Power vs. Speed







Used on:

LS-2200GR CL-2200 ADM-22GR

LS-122 GR Powerhead

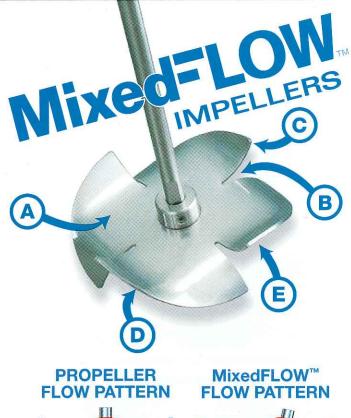
22A Motor and Gear Reducer, 1/2 NPT intake and exhaust port

01V Valve, 1/8" Finlet, M outlet

01M Muffler

03J Jacobs Gear Chuck, 1/2", with key

04R Rod Ring Assembly with mounting screws



The king of mixing blades is designed to provide safe and efficient liquid mixing. The impeller embodies patented features obtainable in no other stirring device.

Features:

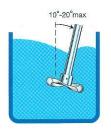
- A The flowing design of the blade pitch creates a self centering action
- B Thorough mixing with minimum addition of air
- Ideal distribution of suspended material
- Forces solids off the bottom with minimum swirl and vortex
- Creates consistent interaction of material

MixedFLOW™ Impellers are available in two (2) designs... low pitch and high pitch. As a rule, use low pitch for low to medium viscosity liquids and high pitch for medium to high viscosity liquids. See page 19 for complete selection.





MIXING INFORMATION



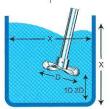
Choosing The Right Mixer

This portable mixer selection guidelines (at the right) will hold in most cases. "D" stands for Direct Drive, "G" for Gear Drive, and the numbers are the horsepower recommended. Mixing is in the range of 1/2 to 1 tank turnover per minute. For specific gravities of more than 1, multiply the SG times the recommended HP to obtain the new recommendation. For more vigorous agitation, choose the next size larger machine than the recommendation.



Mounting Suggestions

These illustrations (at the left) show the ideal operating angles for portable clamp-mount mixers.



If tank diameter is approximately equal to liquid depth, use one Impeller. It should be 1 to 2 Impeller diameters from the bottom of the tank. For deep tanks, thick or thixotropic materials, 2 Impellers give best results.

Mixing shaft should be 10° to 20° off vertical and 10° to 20° off tank center line.

COMMON Materials	VISCOSITY CPS.	TANK V	OLUME - 1 100	GALLONS 250	- (LIQUIE 500	DEPTH = 1000	= 1.0-1.5 2000	TANK DIA 3000	METER 5000
Water	1.0	1/ ₄ D	1⁄4 D	½ D	½ D	1D 1/ ₄ G	1½ D ¼ G	2D 1/ ₃ G	³/ ₄ G
SAE 10 Oil	100	1⁄4 D	⅓ D	½ D	1D 1⁄4 G	2D 1⁄4 G	⅓ G	³/ ₄ G	1 G
SAE 40 Oil	250	⅓ D	½ □	½ D ¼ G	1½ D ¼ G	½ G	³/ ₄ G	1½ G	2G
Glucose	500	½ D	½ D ¼ G	³ / ₄ D ¹ / ₄ G	2D ⅓ G	³/ ₄ G	1G	1½ G	2G
Castor Oil	1,000	1D 1⁄4 G	1½ D ¼ G	3D ½ G	³/ ₄ G	1G	1½ G	2G	
Molasses	2,500	⅓ G	½ G	³/ ₄ G	1G	1½ G	2G		
Honey	5,000	½ G	³ / ₄ G	1G	1½ G	2G		•	
Molten Glass	15,000	³/ ₄ G	1G	1½ G					
Mayonnaise	50,000	1½ G	2 G						
Nylon Resin Melt	100,000	2G							

For a specific recommendation for your mixing or dispersing application call Fawcett customer service at 330/659-4187.

Place all your instrument orders with the company you know and trust:



<u>Phone:</u> (800) 228-7347 (216) 663-7600

<u>Fax</u> (216) 663-8007

e-mail / web:

tedpawlak@dar-techinc.com http://www.dar-techinc.com

Mail:

dar-tech, Inc. 16485 Rockside Road Maple Hts., OH 44137



3863 Congress Parkway Richfield, Ohio 44286

330-659-4187 www.FawcettCo.com