

DRUM Pumps

CONTAINER
EMPTYING
SOLUTIONS



FINISH THOMPSON INC.

Portability
and Safety —
A few of many
FTI advantages

Container emptying is accomplished quickly, efficiently and safely with Finish Thompson powered, portable drum pumps. Utilizing FTI drum pumps, containers are filled or emptied without messy spills and splashes. Operator contact or exposure to potentially harmful materials is avoided. All FTI pumps are designed with the user in mind. Compact, impact-resistant motor housings have integral, comfort-grip handles with easy access to on/off switches. Interchangeable tubes and motors are easy to clean and maintain.

FTI has been a leading designer and manufacturer of drum pumps since 1972. Strict process controls and an ISO 9001 Quality System assure consistency of product quality. Inventoried and sold through worldwide distribution, FTI drum pumps are available for immediate delivery and carry CSA or European certifications.

A “quick-response” team, staffed by experienced product technicians, provide application and pump selection assistance. FTI's Technical Service Department offers post installation support and dedicated access via a toll free service number.

A typical pump user will find the FTI drum pump a viable replacement for pouring, hand pumps or diaphragm pumps. Drum pumps are easier to use, more mobile and less costly to operate.

Before



After



EP Series

BEST VALUE
LIGHT DUTY

Features

- Handles mild corrosives, acids and chemicals
- Up to 1.2 SG
- Portable and light weight (5lbs./2.3 kg.)
- Polypropylene tube - 316SS or Alloy 625 shaft
- 27" (69 cm) and 40" (102 cm)
- Intermittent duty motors: 50/60 Hz; 110, 120 or 220/240 VAC
-  or  certifications
- Push-button operation
- Splashproof motor



AIR MOTOR



ELECTRIC MOTORS



NOTE: The Econo Pump (EP) is not for use with flammables or pumping in hazardous locations.

PF Series

MOST VERSATILE
HIGH FLOW

Features

- Sealless
- Handles acids, caustics, chemicals and flammables
- Up to 1.8 SG
- Tubes and motors interchangeable
- Polypropylene, PVDF and 316SS
- 27" (69 cm), 40" (102 cm), 48" (122 cm) , 60" (152.4 cm)
- Continuous duty motors: 50-60 Hz; 115 or 230 VAC
-  or  certifications
- Impact resistant housing with integral handle



AIR MOTORS
(shown with regulator
valve and muffler)



ELECTRIC MOTORS





TB Series

LIGHT-MEDIUM
VISCOSITY
MEDIUM FLOW

Features

- Sealed
- Mild corrosives and solvents
- Up to 1.4 SG
- 316SS construction
- 40" (102 cm)
- Continuous duty motors: 50-60 Hz; 115 or 230 VAC
- or certifications
- Impact resistant housing with integral handle



TBP Series

LIGHT-MEDIUM
VISCOSITY
MEDIUM FLOW

Features

- Sealed
- Handles corrosive liquids
- Up to 1.4 SG
- Pure polypropylene/pure PTFE construction
- 27" (69 cm), 40" (102 cm), 48" (122 cm)
- Continuous duty motors: 50-60 Hz; 115 or 230 VAC
- or certifications
- Impact resistant housing with integral handle

Recommended
for
bleach applications





BT Series

HIGH VISCOSITY
HIGH HEAD

Features

- Sealed
- Mild corrosives, flammables, explosionproof locations
- Up to 1.8 SG, 15,000 cP
- 316SS construction
- 40" (102 cm) tube
- Continuous duty motors: 50-60 Hz; 115 or 220-230 VAC
- or certifications
- Rugged construction

M15 and M19 are typical representations.

Other models not shown:

M16, M17, M18, M20

M27, M28, M29, M39, M40,

Explosionproof: M45X, M46X, M47X



Air motor (M19) shown
with regulator
valve and muffler



M15



BTS



TT Series

MEDIUM VISCOSITY
MEDIUM FLOW

Features

- Sealed
- Corrosives, flammables, sanitary and pure applications
- Up to 1.8 SG
- Tubes and motors interchangeable
- CPVC, 316SS or USDA sanitary stainless
- 27" (69 cm), 40" (102 cm), 48" (122 cm)
- Continuous duty motors: 50-60 Hz; 115 or 220 VAC
- or certifications
- Impact resistant housing with integral handle



M6X



M6



M7T

M7X

M8T

ELECTRIC MOTORS



TTS



TTC



STTS



HVDP Series

HIGH VISCOSITY
HIGH HEAD

Features

- Sealed, progressive cavity design
- Handles viscous chemicals, cosmetics, food and beverage products
- Up to 100,000 cP, 300 feet (91 m) head
- Exclusive camlock feature allows easy disassembly for cleaning
- 316SS construction
- 27" (69 cm), 40" (102 cm) tube, 48" (122 cm)
- Gear reducer design enables use of universal, induction or air motors
- CE, UL, and NRTL motor certifications
- Impact resistant housing with integral handle



M65

AIR MOTOR
(shown with regulator
valve and muffler)



M58H



M60

ELECTRIC MOTORS



HVDP



TM Series

MEDIUM VISCOSITY
DRUM MIXER

Features

- Sealed
- Mild corrosives, solvents or flammables
- Non-aerating, non-vortexing circulation
- 316SS construction
- 40" (102 cm)
- Continuous duty motors: 50-60 Hz; 110 or 220 VAC
- UL, CE, NRTL or D certifications
- Impact resistant housing with integral handle



M6X

AIR MOTOR
(shown with regulator
valve and muffler)



M7T

M7X

M8T

ELECTRIC MOTORS



TMS

TUBE APPLICATIONS				MAX. FLOW AIR/ELECTRIC		MAX. HEAD AIR/ELECTRIC		MAX. VISCOSITY AIR/ELECTRIC	MATERIAL	PUMP MODELS	APPLICABLE MOTORS
				GPM	LPM	FEET	METERS	CPS			
				5	22	12	3.7	150	P	EPP-S, EPP-I	M54, M55, M56, M57
				15/20	57/75	16/28	5/9	200	S	TBS	M3, M3T, M5, M5T, M6, M6X, M10X
				18/10	68/38	30/10	10/3	2,000/400	C, S, & Sanitary SS	TTC, TTS, STTS	M6, M7T, M8T, M6X, M7X
				10	38	200	61	15,000	S	BTS	M15, M16, M17, M18, M19, M20, M24X, M25X, M26X, M27, M28, M29, M30, M40
				30/40	113/150	60/80	18/24	330/2000	P, V, S	PFP, PFV, PFS	M3, M3T, M3X, M5, M5T, M5X, M6, M6X, M10X, M58P, M59P
				12.5/20	47.3/75.7	19/39.5	5.8/12	200	PP	TBP	M3, M3T, M5, M5T, M6, M10X
				8.5	32	300	91	100,000	S	HVDP	M58H, M59H, M60, M65

P = Polypropylene
S = 316SS
V = PVDF
C = CPVC
PP = Pure Polypropylene/
Pure PVDF

MOTOR MODELS	CSA	CE	WEATHERPROOF		TEFC		EXPLOSION PROOF		AIR
			115V/50-60Hz 100-373W	230V/50-60Hz 100W	115V/50-60Hz 186-2237W	230V/50-60Hz 180-2237W	115V/50-60Hz 75-186W	230V/50-60Hz 746-2237W	
M54									
M55									
M56									
M57									
M3									
M3T									
M3X									
M5									
M5T									
M5X									
M7T									
M7X									
M8T									
M6									
M6X									
M10X									
M15									
M16									
M17									
M18									
M19									
M20									
M24X									
M58HP	NRTL								
M59HP									
M60									
M65									
			SPLASHPROOF IP44		DUSTPROOF IP54		FLAMEPROOF IP54		

NOTE: Additional motor options are available for BTS and HVDP pump models.

TUBES

Mild Corrosives, Acids, Chemicals
Light Viscosity/Low Flow

Mild Corrosives, Acids, Chemicals
Light to Medium Viscosity/Low to Medium Flow

Mild Corrosives, Acids, Chemicals
Light to Medium Viscosity/High Flow

Corrosives, Acids, Chemicals
Light to Medium Viscosity/Medium to High Flow

Strong Corrosives, Acids, Chemicals
Light to Medium Viscosity/Medium to High Flow

Mild corrosives and chemicals
High Viscosity, High Head

Solvents, Flammables, Hazardous Locations
Light, Medium or High Viscosity

MOTORS

Pumping Solutions

WORLDWIDE



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