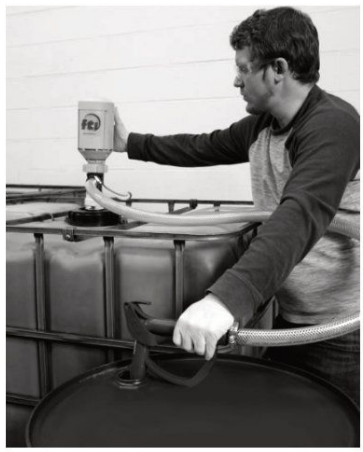
Finish Thompson - Drum and Tote/IBC Pumps

Finish Thompson offers engineered drum pump solutions based on specific classes of chemicals, container types and flow ranges.



BENEFITS OF POWERED PUMPS:

- Risk reduction - Keep chemicals safely contained during transfers.
- Versatility - Models available for high or low transfer rates, with diverse chemical handling capabilites.
- Portability - Easily transportd for various tasks throughout a facility.
- Speed - Able to transfer fluids quickly to improve productivity.
- Durability - Offer longevity and low maintenance with an extended life span, reducing costs.
- Container Size to Pump Length - 30/55 gallon = 40"/102cm; 275 gallon tote/IBC = 48"/122cm

Medium Performance Pumps

EF Series pumps offer an outstanding combination of performance and value and are an ideal upgrade from hand pumps.

PERFORMANCE DATA

Maximum Flow[1]			Maximum Head[1]			Max. Specific Gravity[‡]	Maximum Viscosity		
Elec. gpm (lpm)	Air gpm (lpm)	12V gpm (lpm)	Elec. ft (m)	Air ft (m)	12V ft (m)		Elec.	Air	12V
17 (64.4)	15 (56.8)	14 (53.0)	20 (6.1)	17 (5.2)	13 (4.0)	1.6	300 cP	300 cP	100 cP

*All testing performed with water at 68°F (20°C). Actual performance can vary by +/- 10%.
Actual performance will decrease with increased fluid viscosity and specific gravity.

VISCOSITY DATA

Electric/Air Motor			
Viscosity (cP)	100	200	300
Max Flow gpm (lpm)	7 (26)	5 (19)	4 (14)
Max Head ft (m)	16 (5)	16 (5)	16 (5)

12V Motor		
Viscosity (cP)	50	100
Max Flow gpm (lpm)	7 (26)	3 (11)
Max Head ft (m)	11 (3)	14 (4)

Note: Viscosity data is based on motors operating at high speed.

Tube Models for Medium Performance Pumps

EFP: Mild acids, chemicals & corrosives, max temperature 150 ° F (66 C °)

Model	P/N	Length	Discharge	Tube	O-ring	Shaft
EFP-40	DEFP003	40" (102 cm)	3/4" hose barb	1.25" Ø polypropylene	FKM	316 S/S
EFP-48	DEFP004	48" (122 cm)	3/4" hose barb	1.25" Ø polypropylene	FKM	316 S/S

EFV: Harsh acids, chemicals & corrosives, sodium hypochlorite max temperature 160°F (71°C)

Model	P/N	Length	Discharge	Tube	O-ring	Shaft
EFV-40	DEFV003	40" (102 cm)	3/4" hose barb	1.32" Ø pure PVDF/PP	FKM	Alloy 625
EFV-48	DEFV004	48" (122 cm)	3/4" hose barb	1.32" Ø pure PVDF/PP	FKM	Alloy 625

EFS: Strong chemicals, light oils, solvents, & flammables, max temp 212°F (100°C)

Model	P/N	Length	Discharge	Tube	O-ring	Shaft
EFS-40	DEFS003	40" (102 cm)	3/4" hose barb	1.25" Ø 316 S/S	FKM	316 S/S
EFS-48	DEFS004	48" (122 cm)	3/4" hose barb	1.25" Ø 316 S/S	FKM	316 S/S

Motors for Medium Performance Pump Tubes

ODP (Open Drip Proof), IP24 Motor

Model	P/N	Electrical Specifications	Max Viscosity	Certification
S1	107341-1	115 volts, 1 phase, 60 Hz, 230 watts, 2.0 FLA	300 cP	

ODP (Open Drip Proof), IP24 Lithium-Ion Battery Motor Kit (motor, charger and wall hanger)

Model	P/N	Electrical Specifications	Max Viscosity	Certification
S6 Kit	108017-3	12 volts, 150 watts	100 cP	N/A

Air Motor

Model	P/N	Air Requirements	Max Viscosity	Certification
S4	107325	40 psi @ 27 cfm	300 cP	CE

High Performance Pumps

features like a built-in suction strainer to prevent damage from foreign objects, radial O-ring seal on the discharge spout to prevent leakage when the discharge hose is rotated and rugged industrial construction.

PERFORMANCE DATA - Standard High Flow Impeller Models

Maximum Flow[1]		Maximum Head[1]		Maximum Specific Gravity[‡]		Maximum Viscosity	
Elec. gpm (lpm)	Air gpm (lpm)	Elec. ft (m)	Air ft (m)	Elec.	Air	Elec.	Air
37 (140)	31 (117)	50 (15)	32 (10)	1.84	2.0	1,000 cP	1,200 cP

VISCOSITY DATA

Electric/Air Motor				
Viscosity (cP)	100	500	1,000	1,200
Max Flow gpm (lpm)	23 (87)	8 (30)	4 (15)	2 (8)
Max Head ft (m)	48 (15)	44 (13)	44 (13)	37 (11)

Note: Electric motors up t 1,000 cP.
Air Motors up to 1,200 cP.

Tube Models for High Performance Pumps

SFM: Non- or mildly corrosive fluids, max temp 150˚F (66˚C)

Model	P/N	Length	Discharge	Tube	O-ring	Shaft
SFM-40	DSFM003	40" (102 cm)	1" hose barb	1.6" Ø polypropylene	FKM	316 S/S
SFM-48	DSFM005	48" (122 cm)	1" hose barb	1.6" Ø polypropylene	FKM	316 S/S

SFP: Corrosive fluids (caustics, acids, salts), max temp 150˚F (66˚C)

Model	P/N	Length	Discharge	Tube	O-ring	Shaft
SFP-40	DSFP003	40" (102 cm)	1" hose barb	1.6" Ø polypropylene	FKM	Alloy 625
SFP-48	DSFP005	48" (122 cm)	1" hose barb	1.6" Ø polypropylene	FKM	Alloy 625

SFV: Harsh acids, chemicals & corrosives, max temp 175˚F (79˚C)

Model	P/N	Length	Discharge	Tube	O-ring	Shaft
SFV-40	DSFV003	40" (102 cm)	1" hose barb	1.6" Ø pure PVDF/PP	FKM	Alloy 625
SFV-48	DSFV005	48" (122 cm)	1" hose barb	1.6" Ø pure PVDF/PP	FKM	Alloy 625

SFVV: Extremely corrosive, chromic, nitric and hydrofluoric, max temp 140˚F (60˚C)

Model	P/N	Length	Discharge	Tube	O-ring	Shaft
SFVV-40	DSFVV003	40" (102 cm)	1" hose barb	1.6" Ø pure PVDF	FKM	Alloy 625
SFVV-48	DSFVV005	48" (122 cm)	1" hose barb	1.6" Ø pure PVDF	FKM	Alloy 625

SFS: Flammables, solvents, mild corrosives, & organic acids, max temp 212˚F (100˚C)

Model	P/N	Length	Discharge	Tube	O-ring	Shaft
SFS-40	DSFS003	40" (102 cm)	1" hose barb	1.6" Ø 316 S/S	FKM	316 S/S
SFS-48	DSFS005	48" (122 cm)	1" hose barb	1.6" Ø 316 S/S	FKM	316 S/S

Motors for High Performance Pump Tubes

ODP (Open Drip Proof), variable speed, IP24 Motor

Model	P/N	Electrical Specifications	Max Viscosity	Certification
M3V	106655	115 volts, 1 phase, 60 Hz, 650 watts, 5.6 FLA	1,000 cP	

TEFC (Totally Enclosed Fan Cooled), variable speed, IP55 Motor

Model	P/N	Electrical Specifications	Max Viscosity	Certification
M3TV	110018	115 volts, 1 phase, 60 Hz, 1,000 watts, 9.1 FLA	1,000 cP	

Explosionproof, variable speed, IP55 Motor

Model	P/N	Electrical Specifications	Max Viscosity	Certification
M3XV	110024	115 volts, 1 phase, 60 Hz, 1,000 watts, 9.1 FLA	1,000 cP	

Air Motor - variable speed

Model	P/N	Electrical Specifications	Max Viscosity	Certification
M6	A100007	80-100 psi@ 15-32 cfm	1,200 cP	CE

Caution: When pumping flammables use stainless steel tube w/air or explosionproof electric motor & static protection kit.