

Magnetic Drive, Sealless Design for Leakproof, Trouble Free Operation

Sethco's Magnetic-Drive Drum Pumps provide safe and efficient transfer of concentrated acids and alkalis, solvents, light oils and volatile liquids from carboys and drums to 14 GPM and up to 750 SSU. They're ideally suited to most industrial applications including plating plants, chemical packagers, printed circuit makers, pulp and paper mills, electric power and utilities, as well as grain processors, latex and rubber manufacturers, and general industry.

Features

- Flows to 14 GPM • Sealless, magnetic drive design
- Leakproof • Continuous duty rated
- Self priming • Portable
- Lightweight, quiet operation • Rugged construction
- Fits narrow neck containers:
 - 28" and 40" sizes
- Can pump liquids with specific gravity to 1.84
- Can pump liquids with viscosity up to 750 SSU at reduced flow and pressure.
- Made in the U.S.A. • All models in stock ready for immediate delivery
- All GM Series pump and motor sets come complete with 10 feet of vinyl hose.

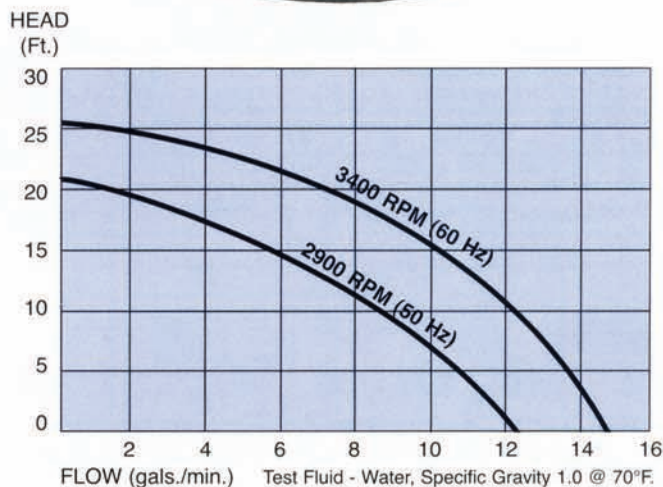
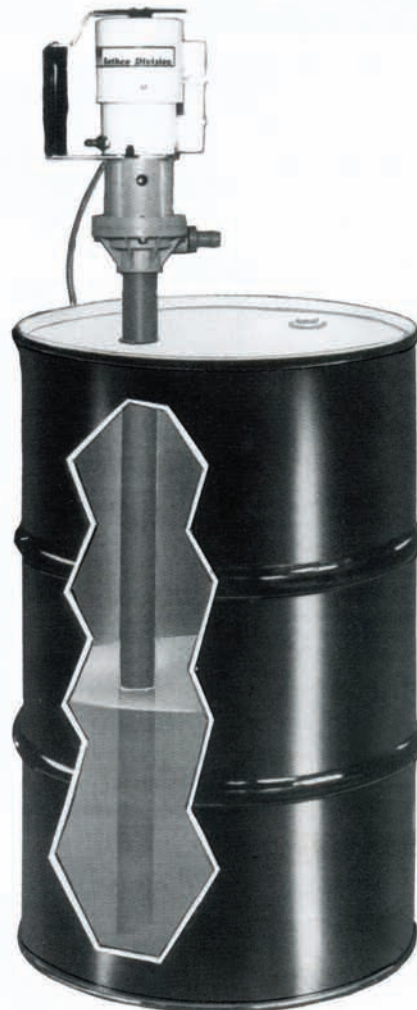
Magnetic-Drive Performance

The superior design of the magnetic-drive results in greater pump flow and pressure with smoother vibration-free performance; plus leakproof, continuous duty operation.

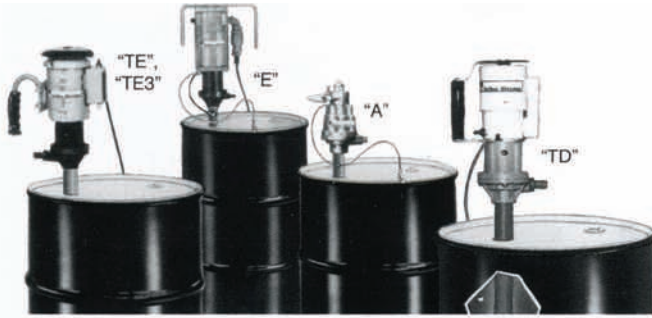
Two powerful, permanent ceramic magnets drive the pump. One is attached to the motor shaft, the other to the pump impeller. Separated by a solid barrier with no physical contact between the drive and driven magnets, all possible leakage is eliminated. There are no packings or seals to wear or replace. With no mechanical seals and with operating speeds of 3400 RPM (compared with conventional 7000 to 9000 RPM pump speeds), the life of the pump is greatly extended.

Easy to Maintain

Maintenance is simple, all parts are readily accessible, and only a Allen wrench and screwdriver is required for servicing.



SETHCO® MAGNETIC DRIVE, SEALLESS DRUM PUMPS



Choice of 6 interchangeable motors*

Model	Type	Weight
TD	Enclosed 115V, 60/50 Hz., 1 ph, UL listed, CSA, thermal protected "L" with built in switch, 15 feet of 3-wire grounding cord and plug, protective drip cover and easy carry handle.	10 lbs.
TE	Totally enclosed, fan cooled 115V, 60Hz, 1ph, Circuit Breaker protected, with built in switch, 8 feet of 3-wire grounding cord and plug, protective drip cover and easy carry handle. (Also available: Model TEX-230V, 50Hz, 1ph characteristics.	18 lbs.
TE3	Totally enclosed, fan cooled 220V, 50/60Hz, 3ph, with waterproof switch and 8 feet of 4-wire grounding cord, protective drip cover and easy carry handle. (Also available: Model TE 4-380/440 V, 50/60 Hz, 3 ph characteristics.	18 lbs.
A	Air Motor: 40-60 PSI @ 5-7 cubic feet/minute with inlet air valve for motor speed and flow rate control, and muffler for quiet operation.	3 lbs.
E	Hazardous Duty U.L. Listed "Portable", Class 1, Groups C and D, 115V, 60Hz, 1 ph, with built in switch, 15 feet of 3-wire grounding cord and easy carry handles.	18 lbs.

*Includes 10 feet of discharge hose with complete pump and motor.

Choice of 5 pumps in 28" and 40" sizes

GMC Series*

CPVC - Polypropylene - Viton
with Carpenter 20 Shaft

For handling acids, alkalies and all types of corrosive aqueous solutions to 160°F.

Model	Size	Weight
GMC-28	28"	2-1/4 lbs.
GMC-40	40"	3 lbs.

GMH Series*

CPVC - Polypropylene - Viton
with Hastelloy-C Shaft

for handling acids, alkalies and all types of corrosive solutions to 160°F. Recommended especially for Hydrochloric acid.

Model	Size	Weight
GMH-28	28"	2-1/4 lbs.
GMH-40	40"	3 lbs.

GMT Series*

CPVC - Polypropylene - Viton
with Titanium Shaft

Recommended especially for Ferric Chloride applications to 160°F.

Model	Size	Weight
GMT-28	28"	2-1/4 lbs.
GMT-40	40"	3 lbs.

SM Series

Stainless Steel - Kynar® - Viton
with Hastelloy C Shaft

Recommended for handling solvents, pharmaceuticals and sensitive liquids to 200°F.

Model	Size	Weight
SM-28	28"	4 lbs.
SM-40	40"	5 lbs.

SPM Series

Stainless Steel - Polypropylene - Teflon
with Teflon O-rings

Recommended for handling Acetone, Methylene Chloride, MEK, and MIK.

Model	Size	Weight
SPM-28	28"	4 lbs.
SPM-40	40"	5 lbs.

Accessories

Quick Action Safety Hand Flow Regulators

Model PPB - (Patented) Polypropylene with viton seal for hand control flow and filling of containers without spilling. For use with GM and SPM models. See bulletin 990 for details.

Aluminum (Model 100AL) or Stainless Steel (Model 100-SS) - with Teflon packing. "Easy Squeeze" handle for controlled measured flow and filling containers without spilling. For use with SM pumps (check compatibility of aluminum) See bulletin 990 for details.

CPVC Bottom Strainer fits over bottom of GM Series pumps to prevent entry of large particles.

Bonding Wire - A one foot bonding wire (A) and a four foot bonding wire with clamp (B) is available. Pumps and motors must be properly bonded when transferring flammable or combustible liquids. Follow safety procedures outlined in NFPA 77 or Sethco TD-381.

6 Month Warranty against defective parts. The standard warranty does not apply when equipment is used contrary to factory recommendations. Since the policy of Sethco Division is one of continued improvement, we reserve the right to change design or materials at any time, without giving notice or creating any obligation to previous or future customers.

CECO Sethco

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