

NEWSLETTER

WARRENDER Seal-less Magnetic Pumps

Attn.: Pump Distributors

November, 2012

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Warrender Machined Thermoplastic Mag-Drive Pumps

WARRENDER, LTD. is proud to present advanced technology and the highest quality for long pump life with variably of models; WMT, WMT-SP, WMCH and WMCH-SP . This pumps provide high reliability, with emphasis on optimum chemical compatibility. Interchangeable impellers provide flexibility for precisely matching head and flow capacities.

Seal less Turbine Mag-Drive Pumps for Low-Flow / High-Head Applications

Series WMT pumps are designed for continuous, leak-free operation in low flow – high head systems. Variations in head calculations have minimal effect on flow. The dynamic design accommodates throttling without by-passing.

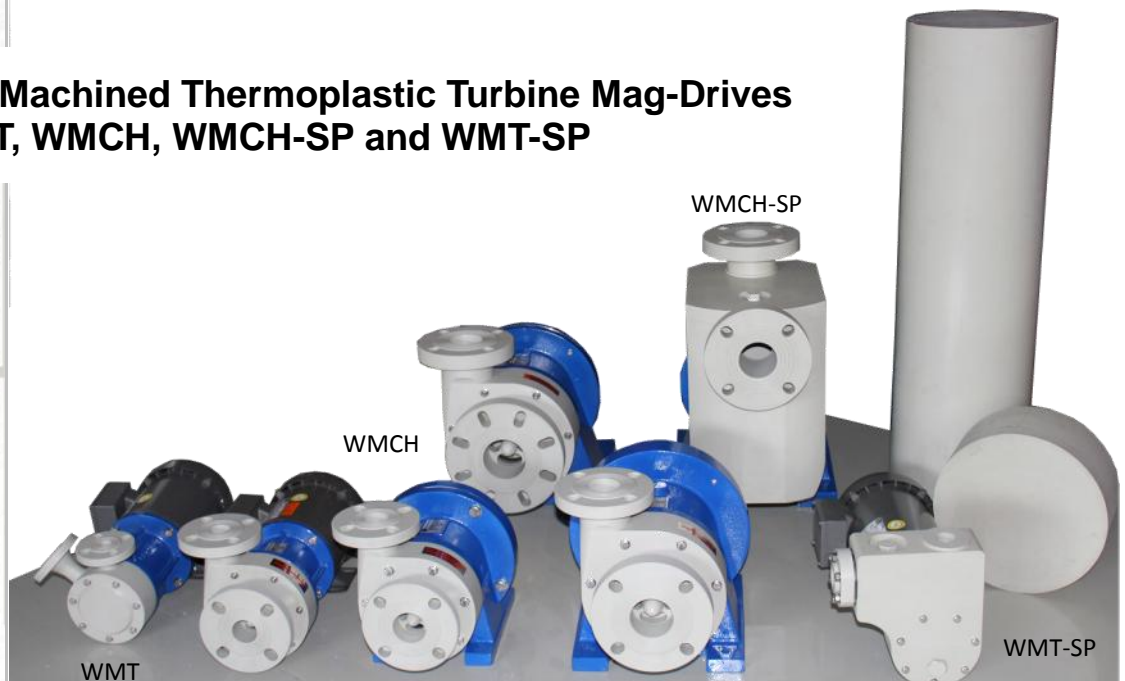
Series WMT-SP pumps had the same features of a WMT pump but with the addition of a self-contained, self priming pump casing.

Series WMCH pumps are fabricated from solid Simona® PP or PVDF thermoplastic to resist internal or external corrosion. Heavy walled, CNC machined construction provide far greater resistance, strength and thermal stability for resist deformation even in the most severe applications.

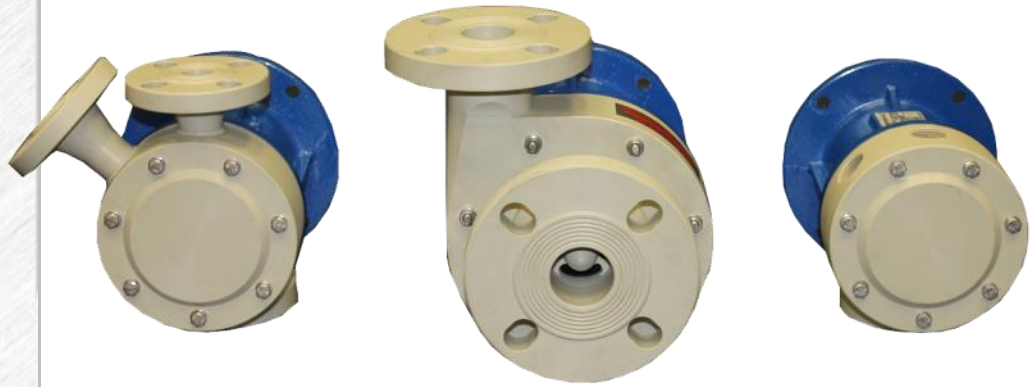
Series WMCH-SP pumps had the same design concept than the WMCH but with the addition of a self-contained, self priming pump casing. This design provide smooth continuous leak proof operation where top unloading is specified.

Warrender Machined Thermoplastic Turbine Mag-Drives Series WMT, WMCH, WMCH-SP and WMT-SP

Machined Thermoplastic
Mag-Drives Pump Group
Photo



WMT Pump Flange Version
 WMCH Pump
 WMT Pump Thread Version
 (Photo from left to right)



Features & Performances

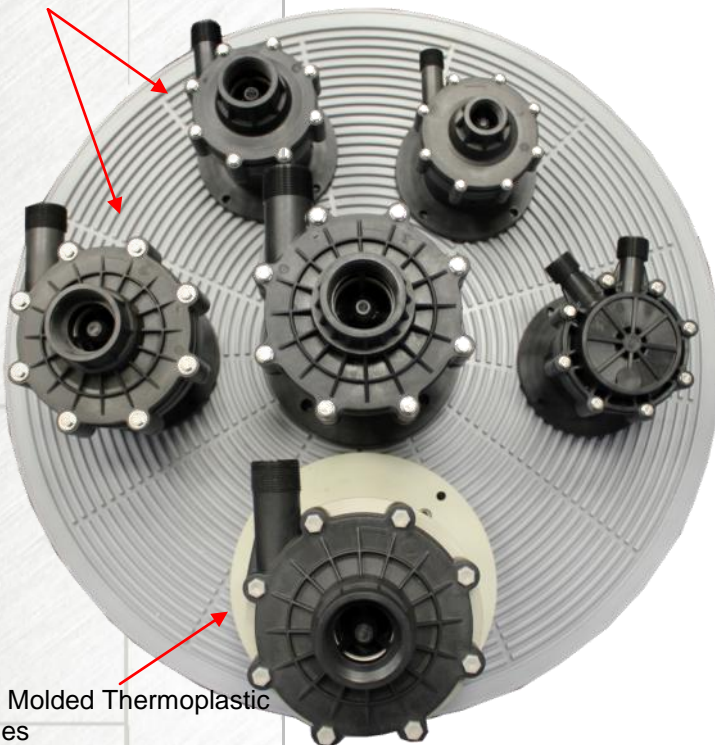
- Replaces oversized centrifugals in low flow / high head systems
- Machined from SOLID extruded glass-free polypropylene or PVDF bars
- * Handles up to 20% entrained gas, resists vapor locking
- Flows up to 55 gpm (12.5 m3/hr)
- Heads up to 200 feet (60 m)
- System pressures from vacuum up to 150 psig / 10 bar (MAWP)
- Temperatures to 200°F/ 90°C

Typical Applications

- All EPA monitored corrosive chemicals
- Dangerous, toxic, noxious and carcinogenic liquids
- Acids including sulphuric, HCL, HF, nitric, acetic, phosphoric, etc.
- Caustics including sodium hydroxide, potassium hydroxide, etc.
- Halogens including chlorine, fluorine and bromine
- Halogenated solutions including ammonium fluoride
- High purity liquids (e.g. electronics grade acids)
- Deionized water

Warrender PROMAG Mag-Drive Molded Thermoplastic Pumps Series M and MV

Promag Molded Thermoplastic M Series



Promag Molded Thermoplastic MV Series

PROMAG molded thermoplastic centrifugal pumps are available in a complete range of sizes from 1/6 to 5 HP with wide hydraulic coverage. The most significant development involves increased performance by means of higher torque, Dual neodymium magnetic couplings for accommodating larger impeller sizes, higher specific gravity and larger motors.

Typical applications:

High corrosive liquids
 Toxic, noxious and carcinogenic liquids

Material:

PP / PVDF

Industrial Service:

Chemical, petrochemical, pharmaceutical, paper mills, textile industry, food processing, sugar plants, dairies, electronics, water treatment plants, any hazardous chemical applications

PROMAG Mag-Drive Pump Group Photo

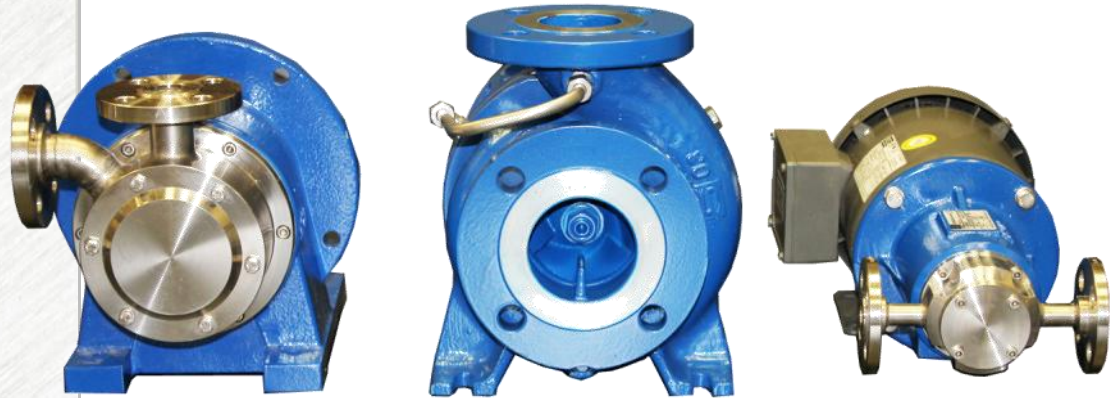
Warrender Alloy Seal less Mag-Drives Pumps Series WMTA, WMCA & WMPA

WMTA Pump Flange
Version

WMCA Pump

WMPA Pump

*(Photo from left to
right)*



Warrender Seal less Turbine Mag-Drive Pumps

Series WMTA pumps are designed for continuous, leak-free operation in low flow – high head systems.

Series WMCA pumps design are a benchmark for heavy duty seal less pumps the utmost in versatility and reliability in the most arduous applications.

Series WMPA pumps are built for high system pressures and special alloy requirements. This pump feature self compensating sliding-vanes which maintain design head and flow capacities for extended operating life.

Typical Applications

- All EPA monitored chemicals
- Dangerous, toxic, noxious and carcinogenic liquids
- Solvents, hydrocarbons, pyrophorics and other volatile liquids
- Heat transfer fluids
- Hot water
- Refrigerants and liquefied gases
- Cryogenic processes
- High pressure circulation systems

Features & Performances

- Replaces oversized centrifugals in low flow / high head systems
- Machined from forged alloy bars for higher chemical and pressure resistance
- * Handles up to 20% entrained gas, resists vapor locking

** Apply to Turbine Pump models only*

We appreciate your feedback, please let us know if you need further technical information about any of our products. We have an extensive selection of pumps and spares parts to provide the best service. Our technical department is at your disposal. Call us at 847-247-8677, visit our website at www.warrender.com or send us an email at sales@warrender.com

DATA SHEETS: Hard Copy or Electronic Format

In order to streamline the quotation process, please submit either the Warrender hard copy DATA SHEET or the electronic E-DATA SHEET. It will save unnecessary inquiries and call backs to the customer seeking missing technical data.



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