

MarFlow™ Pail, Drum, Tote and Vessel Pumps

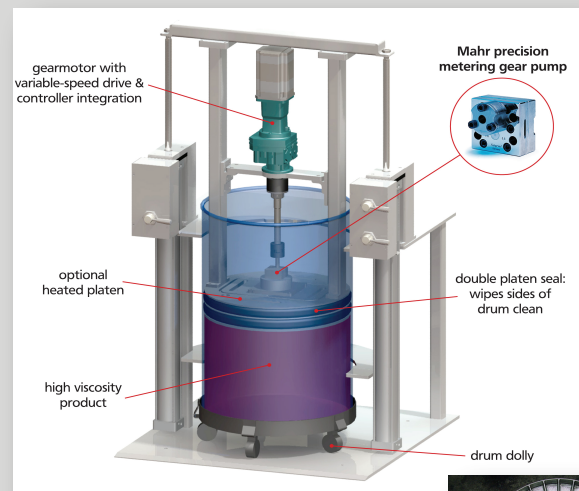
Mahr Drum Metering Pumps are suitable for most precision metering of thin to thick viscosity products. Each system utilizes a gear metering pump which is force-fed by a special patented-design impeller, providing metering accuracy of $\pm 1\%$. The impeller reduces the possibility of cavitation in the metering pump. Mahr Drum Pumps also prevent contamination of product by air, gas, and moisture. With a Mahr drum pump, no feed pump is necessary, eliminating costly additional equipment. The drum metering pump is highly accurate with or without additional controls. Complete metering systems are available with recirculation loop, flow meter readout, PLC controls, data logging, touch screen interfaces and mixing systems.

LOW VISCOSITY - Submersible Pumps



- Pump submerses to bottom of storage source
- Viscosities from 1 to 50,000 cP
- Quickly flushable/cleanable
- Lightweight with optional lift stand available
- Meters product from the bottom of container - almost no product remains to be wasted
- Sealed system at all times
- Material management integration for proper product pretreatment (i.e., nitrogen purge or desiccant dryers, etc.)
- 5 gallon, 55 gallon, and custom tote sizes available

HIGH VISCOSITY - Platen Based Drum Pump



- Metering pump is mounted to pressurized platen
- Viscosities from 50,000 to 1,500,000 cP
- Platen sits on the product surface riding down to the bottom of the barrel and can be heated
- Rubber gasket on the outside of the platen completely cleans the sides of the container
- Meters product to the bottom of the drum - very little waste product remains
- 5 gallon, 55 gallon, and custom drum sizes available (straight-sided drum required)

Max Temperature	350 °C / 660 °F
Max Pressure	5000 psi
Max Viscosity (LV)	50 000 cP
Max Viscosity (HV)	1 500 000 cP
Capacity (per stream)	0.08 - 200 ml/rev
Speed	10 - 80 rpm
Flow Rate (per stream)	0.8 - 16 000 ml/min