




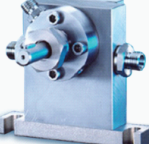

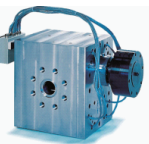




## Precision Gear Metering Pumps

Mahr Metering Systems metered gear pumps are designed for all types of demanding applications. The highest quality high-speed tool and stainless steels are utilized to control thermal expansion for high-heat applications. Special coatings can be applied for highly corrosive and/or abrasive applications as well. As of today, the longest running Mahr Metering Pumps, with minimal maintenance, have been operating continuously since the early 1970's in the USA.

Mahr Gear Pumps	 MarSpinPlus™	 MarSpin™	 MarChem™	 MarFin™	 MarCoat™	 DosiMar™	 MarMag™	 MarEx™			
# Streams	2, 3, 4, 6, 8, 12	1, 2, 4	1	1 to 24	1	1	1	1			
Max Temperature	350 °C / 660 °F	350 °C / 660 °F	90 °C / 200 °F	Ambient	120 °C / 250 °F	180 °C / 350 °F	180 °C / 350 °F	350 °C / 660 °F			
Max Pressure	5000 psi	5000 psi	800 psi	50 psi	400 psi	1400 psi	1400 psi	7000 psi			
Max Viscosity	250 000 cP	250 000 cP	15 000 cP	500 cP	5 000 cP	60 000 cP	60 000 cP	500 000 cP			
Capacity (per stream)	0.08 - 30 ml/rev	0.08 - 200 ml/rev	0.3 - 20.2 ml/rev	0.01 - 10 ml/rev	0.08 - 12 ml/rev	0.02 - 100 ml/rev	0.02 - 100 ml/rev	0.16 - 2000 ml/rev			
Speed	10 - 40 rpm	10 - 80 rpm	10 - 80 rpm	10 - 80 rpm	15 - 125 rpm	10 - 80 rpm	10 - 80 rpm	10 - 50 rpm			
Flow Rate (per stream)	0.8 - 1200 ml/min	0.8 - 16 000 ml/min	21 - 1600 ml/min	0.01 - 2400 ml/min	0.8 - 1500 ml/min	0.2 - 8000 ml/min	0.2 - 8000 ml/min	0.1 - 6000 kg/hr			
Applications	<ul style="list-style-type: none"> <li>•Synthetic fibers</li> <li>•Solder &amp; metallic alloys</li> <li>•Melt adhesives</li> <li>•Chocolate</li> <li>•Candies</li> </ul>	<ul style="list-style-type: none"> <li>•Multi-stream applications</li> <li>•Synthetic fibers</li> <li>•Melt adhesives</li> <li>•Chemical mixing</li> <li>•Reactors</li> </ul>	<ul style="list-style-type: none"> <li>•Silicones</li> <li>•Pigments</li> <li>•Flavoring</li> <li>•Polyurethanes</li> <li>•Epoxies</li> </ul>	<ul style="list-style-type: none"> <li>•Lotions</li> <li>•Creams</li> <li>•Honey</li> <li>•Jelly</li> </ul>	<ul style="list-style-type: none"> <li>•Oils</li> <li>•Varnishes</li> <li>•Finish coatings</li> <li>•Adhesives</li> <li>•Spin finish fiber coating</li> </ul>	<ul style="list-style-type: none"> <li>•Amines</li> <li>•Flavorings</li> <li>•Curatives</li> <li>•Adhesives</li> <li>•Medical micro-dosing</li> </ul>	<ul style="list-style-type: none"> <li>•Silicones</li> <li>•Pigments</li> <li>•Flavorings</li> <li>•Epoxies</li> <li>•Polyurethanes</li> </ul>	<ul style="list-style-type: none"> <li>•Lotions</li> <li>•Creams</li> <li>•Honey</li> <li>•Jelly</li> </ul>	<ul style="list-style-type: none"> <li>•Fuels</li> <li>•Solvents</li> <li>•Aromatics</li> <li>•Acids</li> <li>•Corrosives</li> </ul>	<ul style="list-style-type: none"> <li>•Candies</li> <li>•Soap</li> <li>•Packaging films</li> <li>•Pharmaceutical encapsulation</li> </ul>	<ul style="list-style-type: none"> <li>•Polymers</li> <li>•HDPE films</li> </ul>

**Mahr Metering Systems Corporation**  
 1415 - A Cross Beam Drive  
 Charlotte , NC 28217  
 704.525.7128  
[www.mahrusa.com](http://www.mahrusa.com)