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Improve Finish Quality – Eliminate Small Particle Build Up

Separating small micro magnetic fines or particles from fluids can be a growing problem. Small particles floating in fluids increase in particles per million (PPM) stick together and grow in size. As these particles grow in quantity and size, they can have a detrimental effect on grinding finishes, knurling surfaces and wash water cleaning process.

The solution to separating the fines from the liquid may be a cost effective rare earth magnet. Economic fluid magnets are available in flow rates up to 39 GPM and contamination holding capacity to 8 Lbs. Larger vessels are available for higher volume and increased holding requirements. Self cleaning models and portable units are also available for specific applications.

	MM5	MM10	MM20
Inlet/Outlet Port Connection	1" NPT	1" NPT	1.5" NPT
Maximum Operating Pressure	12 Bar (174 lbs/sq")	12 Bar (174 lbs/sq")	12 Bar (174 lbs/sq")
Optimum Flow rate	70 l/min (18 Gall/min)	100 l/min (26 US G/min)	150 l/min (39 US G/min)
Contamination Capacity	900g (2.0 lbs)	1800g (4.0 lbs)	3800g (8.4 lbs)
Assembled Filter Weight	2450g (5.4 lbs)	4925g (10.9 lbs)	8365g (18.4 lbs)



From magnetic filters to separators to magnetic conveyors, Knoll America has an economic solution for removing magnetic fines from fluids. Contact our specialists with your process problems at 248-588-1500 or visit our website www.knollamerica.com