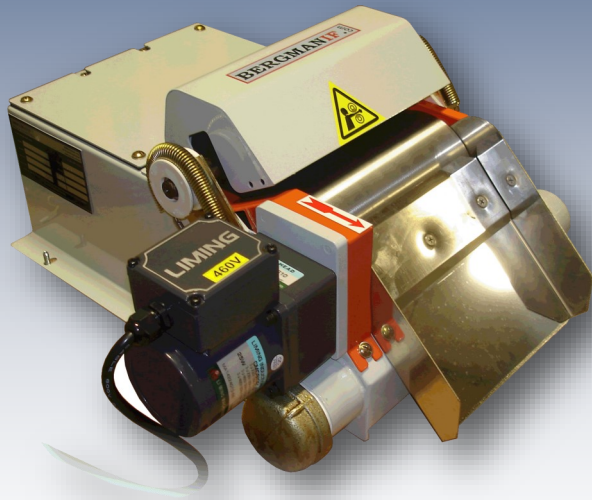


## MK1- Magnetic Separators



Heavy duty magnetic separators built for longevity and reliability. Rubber roll presses coolant from the chips before scraped from the drum then discharged into the chip collector. The drum and scraper are constructed from all stainless steel materials and demagnetized at the scraper point.

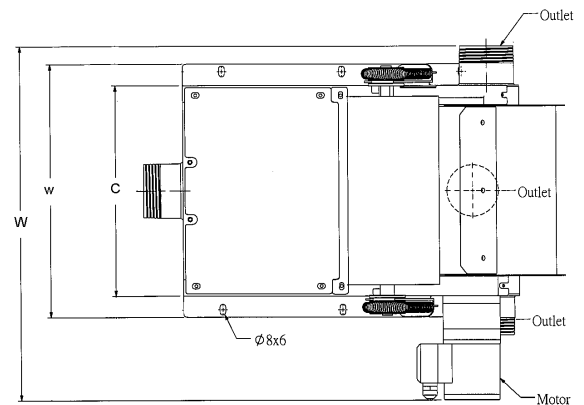
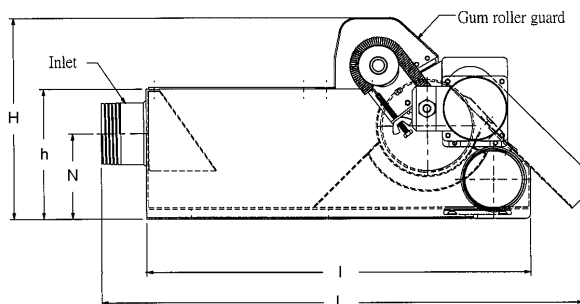
The powerful 25w drive motor can be easily mounted to either side.

All magnetic separators can be upgraded to double drive system, adding drive power to the rubber roll. This is helpful when using oil based coolants.

Readily available from our inventory in either single or three phase.

MK1-Series uses ferrite magnets (1600-gauss)

MK2-Series uses rare earth magnets (2400-gauss)



Flow rate is 1/4 ~ 1/2 when using straight oil depending upon viscosity and grain diameter.

To reduce the rate of exhausting sludge, the ratio of speed -reducing on the gear shall be increased to 1/900.

Model	Flow Rate gpm / lpm	L	W	C	h	Inlet Height N	Inlet PT	MK1-Ferrite Stock Number	MK2-Rare Earth Stock Number
<b>MK1-30</b>	7 / 30	434	392	190	139	79	1-1/2"	715-0230F0030	715-0232F5030
<b>MK1-40</b>	10 / 40	502	392	190	139	79	1-1/2"	715-0230F0040	715-0232F5040
<b>MK1-60</b>	16 / 60	579	427	225	152	97	2"	715-0230F0060	715-0232F5060
<b>MK1-80</b>	21 / 80	579	462	260	152	97	2"	715-0230F0080	715-0232F5080
<b>MK1-100</b>	26 / 100	589	497	295	160	105	2-1/2"	715-0230F0100	715-0232F5100
<b>MK1-150</b>	39 / 150	616	569	367	170	112	3"	715-0230F0150	715-0232F5150
<b>MK1-180</b>	47 / 180	600	639	437	177	122	3"	715-0230F0180	715-0232F5180
<b>MK1-240</b>	63 / 240	651	709	507	207	142	3"	715-0230F0240	715-0232F5240
<b>MK1-300</b>	79 / 300	651	849	647	207	142	4"	715-0230F0300	715-0232F5300

# BERGMAN

## BFu Paper Band Filters

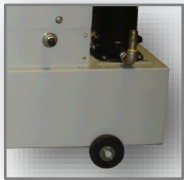
Reliable, affordable and effective filters for your machining applications. Whether you're upgrading or replacing an existing filter we can incorporate any of our components to suit your requirements. Please visit our website at [www.bergmanif.com](http://www.bergmanif.com) for complete details and option.



All of our standard BF $\mu$ -Series filters are equipped with a filterable coolant pump, one roll of filter media and chip collector. A float switch will automatically activate new filter media as required.

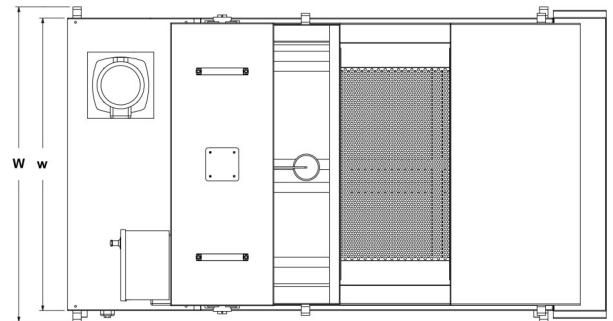
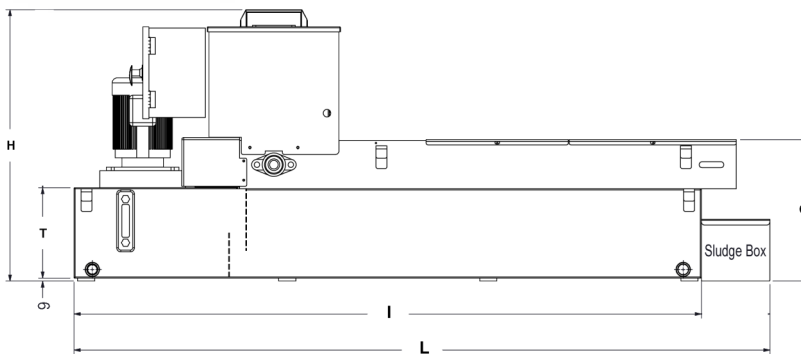
Filter media in 50-micron, 30-micron and 15-micron

Build a custom system or choose from our ready to ship standard configurations. Enhance your filter by adding a magnetic separator or second stage precision filter tank.



Wheels are standard  
on models BFu-5w ~ BFu-30w

(All stainless steel construction available on request)



Model	Flow Rate	Tank Capacity	Standard Pump	Inlet height (C)	T	L	W	H	Stock Number
BF $\mu$ -5w	5-gpm (20-lpm)	21-gal	1/8-hp	394	203	1284	724	733	712-0105B1020
BF $\mu$ -10w	10-gpm (40-lpm)	31-gal	1/8-hp	394	203	1434	724	733	712-0105B1040
BF $\mu$ -15w	16-gpm (60-lpm)	37-gal	1/8-hp	394	203	1584	724	733	712-0105B1060
BF $\mu$ -20w	21-gpm (80-lpm)	42-gal	1/4-hp	394	203	1734	724	733	712-0105B1080
BF $\mu$ -30w	32-gpm (120-lpm)	55-gal	1/2-hp	395	203	1729	924	784	712-0105B1120
BF $\mu$ -40	42-gpm (160-lpm)	69-gal	1/2-hp	430	240	2029	924	772	712-0105B0160
BF $\mu$ -60	63-gpm (240-lpm)	116-gal	1-hp	430	250	2031	1186	778	712-0105B0240
BF $\mu$ -95	95-gpm (360-lpm)	169-gal	1-hp	430	250	2631	1186	778	712-0105B0360

The above specifications are based on popular demands. We can provide detailed drawing to meet your space requirements.

# BERGMAN

## Choosing a Filter For Your Application



## Grinding Coolant

Heavy-Duty Synthetic Grinding Coolant for use with all types of metals. Environmentally friendly and bio-stable formulation minimizes the use of additives.

- Excellent corrosion protection, protects the machine and work piece.
- Enhanced metal removal rates reduce cycle times.
- Available in 55-gallon drums and 5-gallon pails (25-gal discount)



## Replacement Filter Media Rolls

Polyester blended non woven filter media is reliable, durable and strong. We stock media rolls in 50, 30 and 15 micron filterability. Custom roll sizes are available upon request. Suited for water soluble and oil based machining fluids.

### Replacement Filter Media Rolls

Non-woven polyester blend suited for water soluble and oil machining fluids

Stock Number

Remarks

**50μ  
micron**

20" x 100-yards

531-020P50100

27" x 100-yards

531-027P50100

40" x 100-yards

531-040P50100

Most open filter effect for more steady coolant flow

**30μ  
micron**

20" x 100-yards

531-020P30100

27" x 100-yards

531-027P30100

40" x 100-yards

531-040P30100

Medium grade and most popular density. Standard equipment with all BFμ-Series filters

**15μ  
micron**

20" x 100-yards

531-020P15100

27" x 100-yards

531-027P15100

40" x 100-yards

531-040P15100

Finest filter effect for critical filtering application.