



CONVEYOR LINE MAGNETS

MANUAL CLEAN SUSPENDED PERMANENT MAGNET SEPARATORS

Overhead (Overband) Separation Magnets

Suspended magnets are designed for separation of ferrous metal from a variety of over-the-belt conveyor applications to protect processing equipment from ferrous metal damage and improve product purity. Proven in industries such as Mining, Aggregate, Recycling, Tire Shredding, Foundry, Wood Chip, Pulp & Paper, Power Generation, Construction and Demolition.

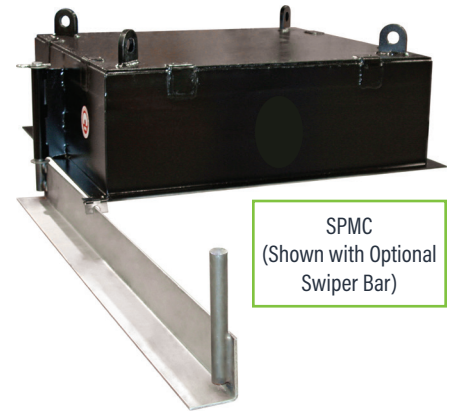
Manual Clean Permanent Magnets (SPMC) are a good economical solution for applications that require a magnet for equipment protection but don't encounter enough ferrous metal in their product flow to justify a self-cleaning magnet.

FEATURES:

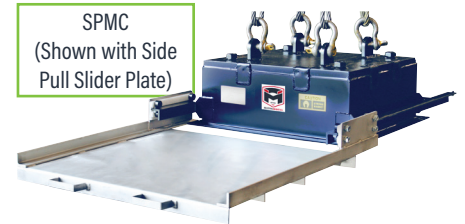
- » Powerful deep reaching Ceramic 8 magnetic circuit design to penetrate heavy product burdens.
- » Uniform magnetic field across belt width for full coverage
- » Long magnetic field for extended magnetic exposure
- » Continuously operates at peak magnetic efficiency
- » Four rigid lift lugs for easy suspension
- » Stainless steel housing
- » All welded construction
- » No operating cost

OPTIONS:

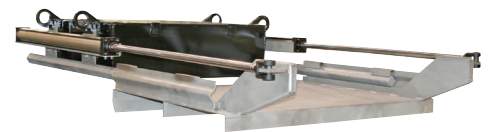
- » EZ-Clean swiper bar
- » Stainless steel (roller guided) slider plate design for easy removal of collected metal
- » Hand crank stainless steel slider with chain & sprocket for even easier cleaning
- » Air-Actuated slider plate available for easier cleaning
- » Custom features available upon request



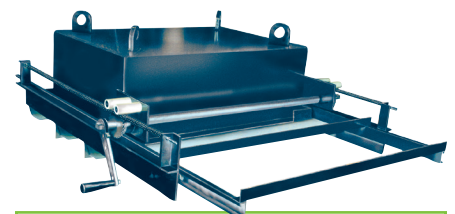
SPMC
(Shown with Optional Swiper Bar)



SPMC
(Shown with Side Pull Slider Plate)



SPMC (Shown with Air-Actuated Slider Plate)



SPMC (Shown with Hand Crank Slider Plate)

TOLL FREE 1.888.582.0821 imi@magnetics.com



Magnetic Separation Pulley Standard Specifications:

SPMC10: (Suspension Height - 8" to 10")

- » High strength magnetic separator for typical over the belt applications
- » Ideal for low profile burden depths

SPMC12: (Suspension Height - 10" to 12")

- » High strength magnetic separator for typical over the belt applications
- » Meets or exceeds typical product burdens and magnet suspension height requirements

SPMC14: (Suspension Height - 12" to 14")

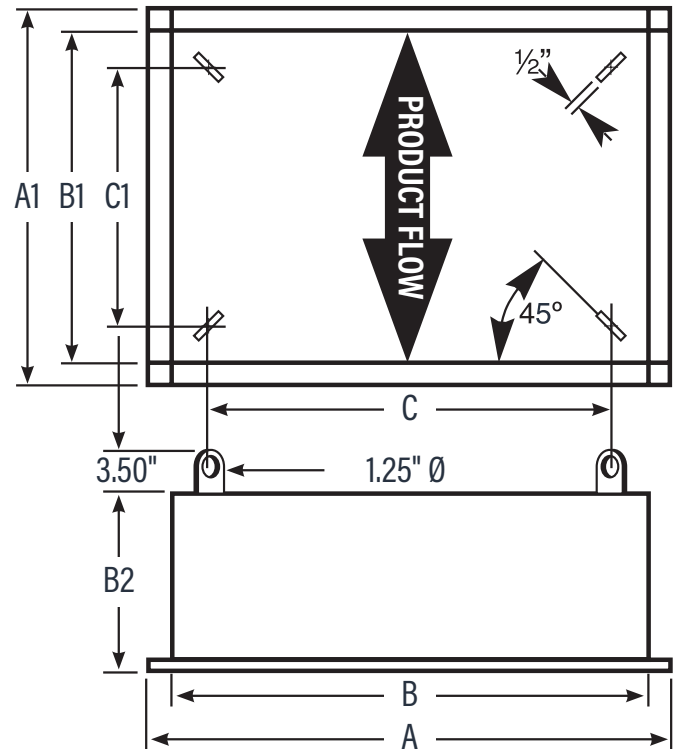
- » Super strength magnetic separator for over the conveyor separation applications that have above average burden depths & magnet suspension height requirements
- » Designed for applications that require more magnetic pulling force or deeper reach-out

SPMC10 MODELS	OVERALL DIMENSIONS		MAGNET DIMENSIONS			LIFT LUG DIMENSIONS		WEIGHT LBS
	A	A1	B	B1	B2	C	C1	
SPMC10-12	12	26	9	23	8.1	5	19	550
SPMC10-18	18	26	15	23	8.1	11	19	625
SPMC10-24	24	26	21	23	8.1	17	19	825
SPMC10-30	30	26	27	23	8.1	25	19	1,025
SPMC10-36	36	26	33	23	8.1	29	19	1,250
SPMC10-42	42	26	39	23	8.1	35	19	1,440
SPMC10-48	48	26	45	23	8.1	41	19	1,650
SPMC10-54	54	26	51	23	8.1	47	19	1,850

SPMC12 MODELS	OVERALL DIMENSIONS		MAGNET DIMENSIONS			LIFT LUG DIMENSIONS		WEIGHT LBS
	A	A1	B	B1	B2	C	C1	
SPMC12-18	18	33	15	30	10.6	11	26	900
SPMC12-24	24	33	21	30	10.6	17	26	1,200
SPMC12-30	30	33	27	30	10.6	23	26	1,500
SPMC12-36	36	33	33	30	10.6	29	26	1,850
SPMC12-42	42	33	39	30	10.6	35	26	2,200
SPMC12-48	48	33	45	30	10.6	41	26	2,500
SPMC12-54	54	33	51	30	10.6	47	26	2,800
SPMC12-60	60	33	57	30	10.6	53	26	3,150
SPMC12-66	66	33	63	30	10.6	59	26	3,500

SPMC14 MODELS	OVERALL DIMENSIONS		MAGNET DIMENSIONS			LIFT LUG DIMENSIONS		WEIGHT LBS
	A	A1	B	B1	B2	C	C1	
SPMC14-24	24	51	21	48	12.6	14	44	2,200
SPMC14-30	30	51	27	48	12.6	23	44	2,800
SPMC14-36	36	51	33	48	12.6	29	44	3,400
SPMC14-42	42	51	39	48	12.6	35	44	4,000
SPMC14-48	48	51	45	48	12.6	41	44	4,600
SPMC14-54	54	51	51	48	12.6	47	44	5,200
SPMC14-60	60	51	57	48	12.6	53	44	5,800

When determining Magnet size, the width of the Magnet (B) should be equal to or greater than the Burden width on Conveyor.



Note: All dimensions stated are in inches.

