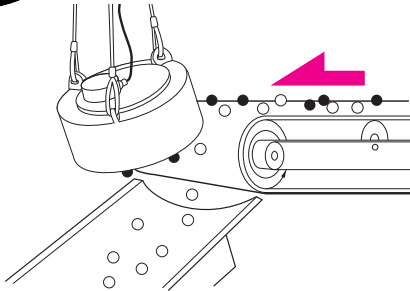


Model HEM-C CIRCULAR ELECTROMAGNET FOR IRON REMOVAL

Air cooling type

HEM-70C



[Application]

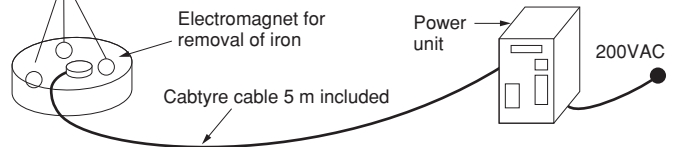
The standard suspended electromagnet designed for removing iron from above conveyors. This model is suitable for removing iron from ores and various materials (glass, ceramics, sugar, paper, chemicals, etc.) as well as from crushed stone in crushing plants and from casting sand in casting plants.

[Features]

- Light weight and compact for easy handling.
- Minimum maintenance and weather resistant.



Connection diagram



[mm(in)]

Model	Area Width	Area Height	Dimensions			Power Consumption	Mass	Applicable Rectifier
			ϕD	H	d			
HEM-40C	350 (13.7)	120 (4.72) — 150 (5.90)	400 (15.7)	240 (9.44)	16 (0.62)	0.51kW	170kg/ 375 lb	KR-A208
HEM-50C	400 (15.7)	130 (5.11) — 180 (7.08)	500 (19.6)	300 (11.8)	22 (0.86)	0.82kW	310kg/ 683 lb	KR-A208
HEM-60C	500 (19.6)	150 (5.90) — 200 (7.87)	620 (24.4)	305 (12.0)	26 (1.02)	1.2 kW	350kg/ 771 lb	HEMR-60CI
HEM-70C	600 (23.6)	150 (5.90) — 250 (9.84)	720 (28.4)	345 (13.5)		1.7 kW	480kg/1058 lb	HEMR-70CI
HEM-90C	750 (29.5)	200 (7.87) — 300 (11.8)	920 (36.2)	398 (15.6)	26 (1.02)	3.2 kW	850kg/1874 lb	HEMR-90CI
HEM-110C	900 (35.4)	250 (9.84) — 350 (13.7)	1120 (44.0)	421 (16.5)	32 (1.25)	5.0 kW	1350kg/2976 lb	HEMR-110CI
HEM-130C	1050 (41.3)	300 (11.8) — 450 (17.7)	1320 (51.9)	490 (19.2)	36 (1.41)	7.4 kW	2200kg/4850 lb	HEMR-130CI
HEM-150C	1200 (47.2)	400 (15.7) — 550 (21.6)	1520 (59.8)	563 (22.1)	42 (1.65)	9.2 kW	3400kg/7496 lb	HEMR-150CI

※The electromagnet power consumption applies to the use of 200 VAC (50 Hz).

※For use in combination with a vibrator like vibration conveyor, a special type of vibration-proof specification needs to be used.

Model HEM-BS SUSPENDED ELECTROMAGNET FOR IRON REMOVAL

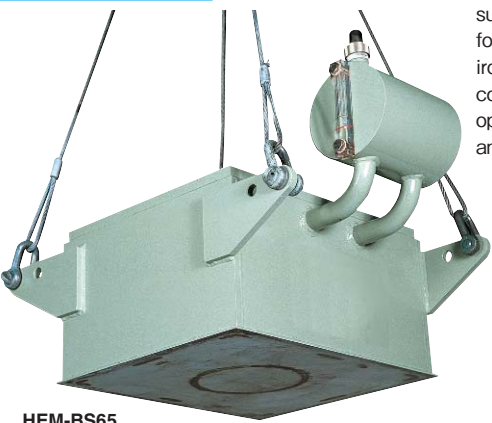
Oil cooling

[Application]

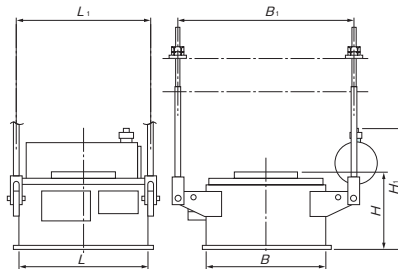
This model utilizes the electromagnet design taken from the suspended electromagnetic separator and is recommended for use where there is a relatively small amount of mixed iron pieces on the conveyor. This model is for use on large conveyors as with Model BST, but is most suitable for operations where the amount of mixed iron pieces is small and attracted iron pieces can be removed periodically.

[Features]

- There are no moving parts and the construction is simple for trouble-free operation.
- The oil cooling system can keep temperature rise below a certain level, when in a continuous use operation. (For cooling oil used, see page 126.)
- The separating capacity is about the same as Model BST.
- Magnetic separation effectiveness is high because effective magnetic field is generated all over the attractive face.
- Corresponding belt width is now wider.



HEM-BS65



[mm(in)]

Model	Area Width	Area Height	Dimensions						Power Consumption	Mass	Applicable Rectifier
			L	B	H	L ₁	B ₁	H ₁			
HEM-BS65	450 (17.7)	150 (5.90) — 200 (7.87)	650 (25.5)	650 (25.5)	347 (13.6)	755 (29.7)	1025 (40.3)	605 (23.8)	1.5Kw	590kg/ 1300 lb	HEMR-BS 65
HEM-BS80	600 (23.6)	150 (5.90) — 250 (9.84)	800 (31.4)	800 (31.4)	328 (12.9)	905 (35.6)	1175 (46.2)	570 (22.4)	2.4Kw	870kg/ 1918 lb	HEMR-BS 80
HEM-BS90	750 (29.5)	200 (7.87) — 300 (11.8)	900 (35.4)	900 (35.4)	349 (13.7)	1005 (39.5)	1360 (53.5)	600 (23.6)	3.1Kw	1200kg/ 2646 lb	HEMR-BS 90
HEM-BS100	900 (35.4)	250 (9.84) — 350 (13.7)	1000 (39.3)	1000 (39.3)	485 (19.0)	1115 (43.8)	1583 (62.3)	790 (31.1)	4.0Kw	1820kg/ 4013 lb	HEMR-BS100
HEM-BS115	1050 (41.3)	300 (11.8) — 350 (13.7)	1150 (45.2)	1150 (45.2)	496 (19.5)	1265 (49.8)	1733 (68.2)	785 (30.9)	5.2Kw	2800kg/ 6174 lb	HEMR-BS115
HEM-BS130	1200 (47.2)	300 (11.8) — 400 (15.7)	1300 (51.1)	1300 (51.1)	593 (23.3)	1431 (56.3)	1926 (75.8)	890 (35.0)	6.6Kw	4100kg/ 9040 lb	HEMR-BS130
HEM-BS150	1400 (55.1)	300 (11.8) — 450 (17.7)	1500 (59.0)	1500 (59.0)	498 (19.6)	1643 (64.6)	2126 (83.7)	775 (30.5)	8.7Kw	4900kg/10804 lb	HEMR-BS150
HEM-BS170	1600 (62.9)	400 (15.7) — 550 (21.6)	1700 (66.9)	1700 (66.9)	575 (22.6)	1843 (72.5)	2326 (91.5)	840 (33.0)	10.4Kw	6500kg/14332 lb	HEMR-BS170

※The electromagnet power consumption applies to the use of 200 VAC (50 Hz).

※For use in combination with a vibrator like vibration conveyor, a special type of vibration-proof specification needs to be used.

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