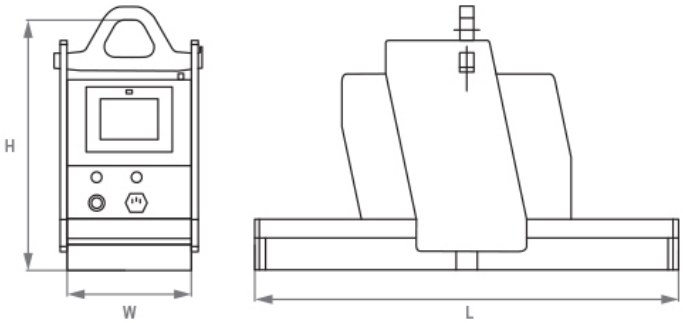
Magnetic Products, Inc.
Highland, Michigan | mpimagnet.com

Battery Lifting Magnet BMP



1. Universal large steel lifting eye with safety bail sensor makes it impossible to disengage magnet during lifting
2. Compact LED safety display with battery status indicator provides audio and visual warning of low battery level - magnet will not activate once the battery voltage drops below the safety level lifting
3. Pole shape makes it possible to handle round, angle sheet piles and flat materials - tubes, bars, I-, H- T- and Z shaped profile sections
4. Powered by built-in 12V battery - includes battery charger, battery and remote
5. IR remote controller operates from up to 33' to handle loads with poor accessibility to stay clear of dangerous situations

Variable Force adjusts holding force when handling a particular quantity of sheet-metals from a stack - magnetic field strong enough for loads with variable, uneven surfaces and air gaps

One (1) year warranty for the magnetic system

Manufactured in Europe to the highest quality standards

Meets all the requirements of ANSI/ASME B30.20 (safety standard)

Application: Lifting
Technology: Battery
Battery: 12V
Battery life: 8 hours at 50% cycle
Nominal lifting for flat material: up to 7,936lbs
Nominal lifting for round material: up to 4,850lbs
Temperature maximum: 122°F
Safety factor: 2:1

Part Number	Lifting Capacity for Flat Materials (LBS)	Lifting Capacity for Round Materials (LBS)	Minimum/ Maximum Diameter (IN)	Tested Lifting Capacity (LBS)	W X L of Base (IN)	Height up to Crane Hook (IN)	WEIGHT (LBS)	Built in Battery
BMP3968	3,968	2,425	1.57/17.32	7,936	9.5x18.5	24	368	12V/75Ah
BMP7936	7,936	4,850	1.77/19.69	15,873	10.3x30	24	926	12V/75Ah

Specifications subject to change

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WORKLOAD LIMIT FOR PLATES AND ROUNDS (AISI 1020 STEEL)*

	Material Thickness (IN)	Clean and Smooth Ground Surface Air Gap <0.00394 IN		Corroded and Hot Rolled Surface Air Gap 0.00394 - 0.0118 IN		Irregular and Rough Surface Air Gap 0.0118 - 0.0196 IN		Very Rough Surface Air Gap >0.0196 IN
		Max. Dimensions LxW (IN)	Weight Limits (LBS)	Max. Dimensions LxW (IN)	Weight Limits (LBS)	Max. Dimensions LxW (IN)	Weight Limits (LBS)	
BMP-3968	≥1.97	78 x 78	3968	65 x 59	2270	59 x 59	2050	Consult your supplier
	1.49	74 x 74	2491	70 x 59	2050	70 x 59	1873	
	.984	82 x 82	2248	82 x 70	1851	82 x 70	1675	
	.748	94 x 82	1763	82 x 70	1455	82 x 70	1300	
	.511	94 x 82	1256	82 x 82	1036	82 x 70	925	
	.393	82 x 82	859	82 x 70	683	82 x 59	595	
	.236	78 x 78	551	78 x 59	440	70 x 59	330	
BMP-7936	≥2.75	-	7936	-	7495	-	7054	
	1.57	106 x 106	5015	94 x 94	5379	94 x 82	5114	
	1.18	118 x 118	3814	106 x 106	3461	106 x 94	3130	
	.787	118 x 118	2755	106 x 106	2513	106 x 94	2314	
	.590	118 x 118	2028	106 x 106	1851	106 x 94	1719	
	.393	106 x 106	1344	106 x 94	1278	94 x 94	1146	
	.236	118 x 106	815	106 x 94	771	106 x 94	705	

		Diameter (IN)		Weight Limit (LBS)		Max Length (IN)
		BMP-3968	BMP-7936	BMP-3968	BMP-7936	
BMP-3968/7936	Load Type	01.57-017.3	01.77-019.6	2491	4982	236

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