

# Magnetic Brakes (PMB, EMB)

Permanent Magnet Brake & Electro-Magnet Brake



## Uses of Magnetic Brake

Magnetic Brakes and brakes are used for efficient and reliable fixation of moving parts in various applications including medical x-ray devices.

Constructed using high-performance rare-earth magnet components, this small but powerful device can hold up to 30-40 kg while enabling precise control.

The magnetic core could be either permanent magnet (PMB) or electro-

magnet (EMB). PMB type has additional benefit of maintaining holding power under accidental power outage.

For more than a decade, Chunma has been supplying PMB and EMB type magnetic brakes to leading manufacturers of digital x-ray medical devices for years. Custom orders for design modification is also available.



*PMB and EMB magnetic holders play important roles in precision control of digital x-ray medical diagnostic devices.*

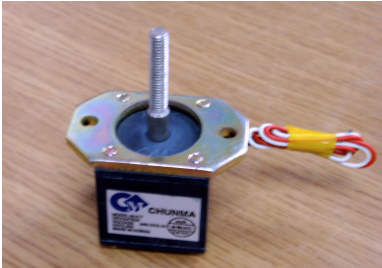
## Specifications

Model	Type	Size (cm)	Voltage	Current	Power
CMP-42	PMB	ø42 x 25	DC+24V	0.45A	10.8W
CMP-50		ø50 x 30		0.65A	15.6W
CMP-50B		ø50 x 31	DC+30V	0.46A	13.8W
CME-42	EMB	ø42 x 25	DC+24V	0.30A	7.2W
CME-50		ø50 x 30		0.36A	8.64W

\* Other models available upon inquiry.

## Chunma Magnet Brakes and Drills

Chunma Corporation continues to design and supply various magnet-based devices and tools meeting customer's needs.



### Magnetic Holding Trigger

Magnetic holding trigger is widely used for controlling low-pressure air circuit breaker with high precision. The ultra-low carbon iron core used in this product achieves maximum performance while keeping the size and the weight to a minimum.



### Magnetic Drill (MagDrill)

Chunma's portable magnetic drills are ideal for drilling structural steel with precision and convenience. We offer compact and powerful series of portable magnetic drills.

MODEL	CMD-23S	CMD-23R	CMD-25S	CMD-25R	CMD-32A	CMD-38B	CMD-49B
Max. Drill cap.	23 mm	23 mm	25 mm	25 mm	32 mm	38 mm	49 mm
Motor Power	1050W	1050W	1200W	1200W	1250W	1400W	1500W
Travel	180 mm	210 mm	180 mm	210 mm	180 mm	200 mm	200 mm
Attraction	12500 N	12000 N	12500 N	12000 N	12000 N	14000 N	15000 N
N.W/G.W (kg)	24/34	28/34	26/34	28/36	31/39	47/55	52/61
Packing Size (W x H x D) (mm)	500 x 250 x 530	630 x 250 x 630	500 x 250 x 580	630 x 250 x 630	500 x 410 x 580	560 x 250 x 630	560 x 250 x 680

\* Different sizes are available upon inquiry.



Chunma's manufacturing facility in Yongin, Korea

Chunma Corporation is capable of designing, manufacturing, and servicing high-quality magnetic separator equipment for various applications including mining and silica refining operations and purification processes.

Please contact us for inquiry regarding available models and custom production for your application.



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