

# SHREEPAD INDUSTRIES

Manufacturer, Exporter & Supplier of Magnetic Products



# ABOUT US

Established in 1962, Shreepad Industries is a proud Manufacturer, Exporter & Supplier of Magnetic Products. The company is owned by Mr. Shreepad M. Dharmadhikari whose guidance has helped the company in achieving a turnover of 75 lacks. It is situated in Pune, Maharashtra.

## Infrastructure

We have a state-of-the-art infrastructure. Our sophisticated R&D facilities help us in producing products that are in sync with the latest technology and advancements. We are equipped with technologically advanced machinery and equipment.

Production capacity : 500 pieces

## Network

We have a wide spread network that enables us to provide timely delievry of our high end products. We cater to the needs of the clients residing in remotest corner of the country. Providing timely and quality products to our clients have helped us in achieving the trust of the clients.

## Cientele

Our clients have always appreciated our range of products for their quality and effeciency. Our clientele includes well known companies like :

Cummins India Ltd.

- ⊙ Tata Group
- ⊙ Hero Motors
- ⊙ Hero Honda
- ⊙ TVS Group
- ⊙ Bajaj Group
- ⊙ Kirloskar Group

Through our high end services, we have succeeded in securing the trust and loyalty of our clients.

Name of Owner	:	Mr. Shreepad M. Dharmadhikari
Year of Establishment	:	1962
Nature of Business	:	Manufacturer, Exporter & Supplier
Number of Employees	:	12
Market Covered	:	Domestic

# MILLING MACHINE ELECTROPERM MAGNETIC CHUCK



We introduce Electro-perm Magnetic Chucks for heavy duty milling machine. These chucks ensure high magnetic and mechanical performance. Also known as EPM chucks, this chuck is "COLD" device, as there is no internal wear or deformation as a result of moving internal parts. Electro-perm Magnetic Chucks do not consume electrical power except for the very short period of activation or deactivation of the working surface. Once fixed to the machine table, EPM chucks are as stable as machine. EPM chucks are economical for operation and maintenance. Magnetic clamping system is most powerful. Chucks are switched ON & OFF by simple electrical pulse. A variable output from 20% to 100 % is controlled from push button unit. In operating condition, no power supply is necessary for holding work pieces. So there is no risk when power fails. The de-magnetization cycle of chuck eliminates possible residual magnetism in work piece; therefore there is easy release for high alloy steel parts. EPM chuck is designed for heavy-duty operation such as milling cut of 3 to 6 mm depth at recommended speed & feed.

## Accessories

Capacitor Discharge Type Control Power Unit.

## Specifications

Cat No.	Sizes in mm (L x W x H)
⊙ EPMC - 2412	600 x 300 x 90
⊙ EPMC - 3012	750 x 300 x 90
⊙ EPMC - 4012	1000 x 300 x 90
⊙ EPMC - 6012	1500 x 300 x 90
⊙ EPMC - 2416	600 x 400 x 90
⊙ EPMC - 3016	750 x 400 x 90
⊙ EPMC - 4016	1000 x 400 x 90
⊙ EPMC - 6016	1500 x 400 x 90

# GRINDING MACHINE ELECTROPERM MAGNETIC CHUCK



We offer Grinding Machine Electroperm Magnetic Chuck. Also known as EPM chuck, it offers minimum mechanical deformation with solid one piece housing. This chuck is a COLD device and do not consume electrical power when activation and deactivation of Magnets power is required. This results in very less consumption of electricity as compared to conventional electrical chucks. Grinding Machine Electroperm Magnetic Chuck is economical for operation and maintenance. These chucks are switched ON and OFF with simple electrical pulse. A variable output from 20% to 100% is controlled from one push button switch. EPM chucks are entirely independent of external power supply during the holding of work pieces. So no risk when power fails. The demagnetization cycle of EPM chucks reduces possible residual magnetism in the work piece.

## Accessories

Capacitor Discharge Type Control Power Unit.

## Specifications

Cat No.	Sizes in mm (L x W x H)	Pole Gap mm
⊙ SH - EPM - 1460	350 x 150 x 70	4 + 1
⊙ SH - EPM - 1860	450 x 150 x 70	4 + 1
⊙ SH - EPM - 2080	500 x 200 x 70	4 + 1
⊙ SH - EPM - 2480	600 x 200 x 70	4 + 1
⊙ SH - EPM - 2410	600 x 250 x 70	4 + 1
⊙ SH - EPM - 2412	600 x 300 x 70	4 + 1
⊙ SH - EPM - 3010	750 x 250 x 70	4 + 1
⊙ SH - EPM - 3012	750 x 300 x 70	4 + 1
⊙ SH - EPM - 3610	900 x 250 x 70	4 + 1
⊙ SH - EPM - 3612	900 x 300 x 70	4 + 1
⊙ SH - EPM - 4010	1000 x 250 x 70	4 + 1
⊙ SH - EPM - 4012	1000 x 300 x 70	4 + 1
⊙ SH - EPM - 6010	1500 x 250 x 70	4 + 1
⊙ SH - EPM - 6012	1500 x 300 x 70	4 + 1
⊙ SH - EPM - 6016	1500 x 400 x 70	4 + 1

# RECTANGULAR ELECTROMAGNETIC CHUCKS



We offer advanced Rectangular Electromagnetic Chucks for the clients. These Rectangular Electromagnetic Chucks are fine pitch with transverse pole and accuracy as per is - 8710 – 1978. These Electromagnetic Chucks are designed for strong electro magnetic field to hold the work piece securely. We provide them with minimum mechanical deformation with solid one -piece housing. They contain Uniform magnetic force distribution with specially developed rigid top plate. These Rectangular Electromagnetic Chucks requires minimum power consumption and have easy operation. These are provided with versatile clamping and excellent holding on a broad range of work piece sizes. There is a possibility to combine several chucks for a large uninterrupted surface. These are low profile for more wheel head clearance and have Normal input voltage of 110 VDC. These Rectangular Electromagnetic Chucks are back and end work stop rail and has at least twice the length of chuck power cable.

## Control Unit

- ⊙ D.C. power supply unit with mag / demag facility
- ⊙ Variable control unit
- ⊙ Normal input voltage 230 single phase

## Specifications

Cat No.	Sizes in mm (L x W x H)	Pole Gap mm
⊙ SH - ELM - 1460 FP	350 x 150 x 100	4 + 1
⊙ SH - ELM - 1860 FP	450 x 150 x 100	4 + 1
⊙ SH - ELM - 2080 FP	500 x 200 x 100	4 + 1
⊙ SH - ELM - 2480 FP	600 x 200 x 100	4 + 1
⊙ SH - ELM - 2410 FP	600 x 250 x 100	4 + 1
⊙ SH - ELM - 2412 FP	600 x 300 x 100	4 + 1
⊙ SH - ELM - 3010 FP	750 x 250 x 100	4 + 1
⊙ SH - ELM - 3012 FP	750 x 300 x 100	4 + 1
⊙ SH - ELM - 3610 FP	900 x 250 x 100	4 + 1
⊙ SH - ELM - 3612 FP	900 x 300 x 100	4 + 1
⊙ SH - ELM - 4010 FP	1000 x 250 x 110	4 + 1
⊙ SH - ELM - 4012 FP	1000 x 300 x 110	4 + 1
⊙ SH - ELM - 6010 FP	1500 x 250 x 110	4 + 1
⊙ SH - ELM - 6012 FP	1500 x 300 x 110	4 + 1
⊙ SH - ELM - 6016 FP	1500 x 400 x 110	4 + 1

# MAGNETIC LIFTERS



We offer highly efficient Magnetic Lifters which are compact in design and parallel to international products. The self-contained permanent magnet maintains its holding power indefinitely. Magnets used in our lifters are of high standards. These Magnetic Lifters do not require any external electric supply so no hanging wires and switches are there. The field of the permanent magnet is controlled by the "ON - OFF" position of the safety handle. There is no danger of accident due to failure of electric supply. Lifting magnets require good surface conditions to achieve maximum lifting. Ground or machined surfaces are ideal, but a good clean surface or a forging or casting is acceptable and sufficient flat area is available for magnet contact with work piece. Recommended lifting capacity is for flat, ground clean ferrous plates de-rated by a factor of three. The safety factor is required due to such variables like surface condition, contact area, alloy content and material thickness and may also need to be increased if conditions are particularly adverse.

## Features

- ⊙ Every permanent magnetic lifter comes along with third party inspection report
- ⊙ Higher lifting capacity is available on request
- ⊙ Factor of safety is 1: 3
- ⊙ No electrical supply is needed due to permanent magnets
- ⊙ Special Sizes Are Available On Request

## Specifications

Cat No.	Size (mm)	Lifting Capacity	Tested Capacity
⊙ MRM - 698 ML	L110 x W70 x H80	100 Kgs	300 Kgs
⊙ MRM - 699 ML	L200 x W90 x H80	200 Kgs	600 Kgs
⊙ MRM - 700 ML	L220 x W90 x H100	300 Kgs	900 Kgs
⊙ MRM - 701 ML	L230 X W105 x H105	500 Kgs	1500 Kgs
⊙ MRM - 702 ML	L325 x W135 x H145	1000 Kgs	3000 Kgs
⊙ MRM - 703 ML	L385 x W165 x H170	1500 Kgs	4500 Kgs
⊙ MRM - 704 ML	L470 x W170 x H190	2000 Kgs	6000 Kgs

**Note :** Special sizes are available on request.

# MAGNETIC V BLOCKS



We offer Magnetic V Blocks which are invaluable and versatile in tool making and inspection. The Magnetic V Blocks have a total of three magnetic surfaces. Top and bottom each with 90 degree v – angle and end surface opposite from switch. All three magnetic surfaces as well as the two sides are carefully ground. Their accuracy for flatness, parallelism is within 0.005 mm or 0.0002 inches for work which requires accurate positioning. When turned 'ON ', all three magnetic surfaces are activated simultaneously. The permanent magnet holds the work firmly in the V and the block holds itself firmly on a ferrous surface. Coolants or other fluids cannot damage the magnetic system as it is shielded from penetration of moisture. Magnetic V Blocks of 60-degree angle are in developing stage and will be launched soon by us.

## Used For

- ⊙ Drilling
- ⊙ Grinding (both wet and dry)
- ⊙ Light milling work

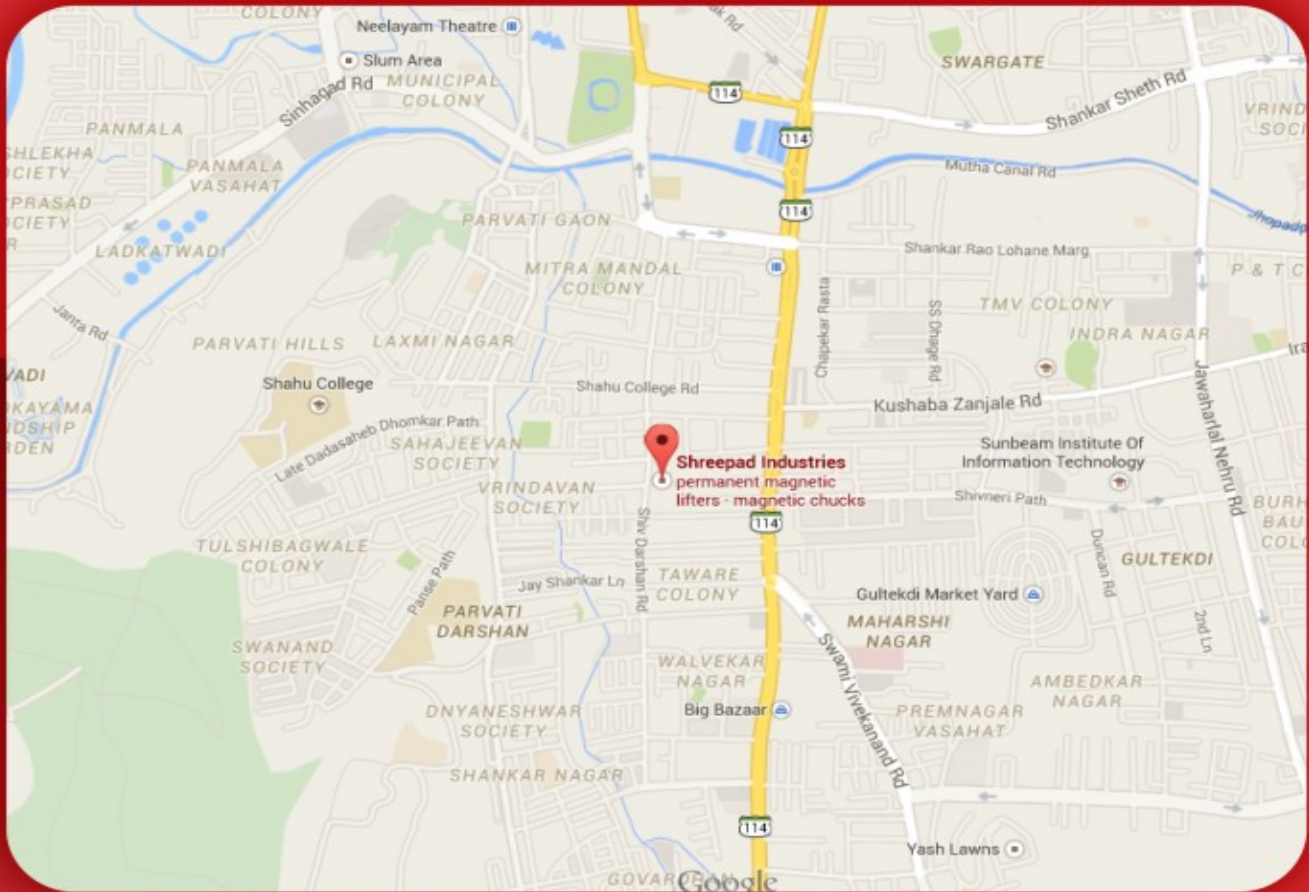
## Available As

- ⊙ V blocks in 120-degree angle as per demand

## Specifications

Cat No.	Size	Clamping Capacity	Magnetic Efficiency
⊙ MRM - 475	55 * 50 * 60 mm	5 - 35 mm	50 Kg
⊙ MRM - 475 H	55 * 50 * 60 mm	5 - 35 mm	50 Kg
⊙ MRM - 576	76 * 65 * 85 mm	5 - 55 mm	75 Kg
⊙ MRM - 576 H	75 * 65 * 85 mm	5 - 55 mm	75 Kg
⊙ MRM - 676	100 * 75 * 95 mm	5 - 65 mm	150 Kg
⊙ MRM - 676 H	100 * 75 * 95 mm	5 - 65 mm	150 Kg
⊙ MRM - 856	150 * 85 * 100 mm	8 - 80 mm	250 Kg
⊙ MRM - 856 H	150 * 85 * 100 mm	8 - 80 mm	250 Kg
⊙ MRM - 876	150 * 125 * 125 mm	10 - 120 mm	350 Kg
⊙ MRM - 876 H	150 * 125 * 125 mm	10 - 120 mm	350 Kg
⊙ MRM - 976	200 * 150 * 150 mm	10 - 150 mm	450 Kg
⊙ MRM - 976 H	200 * 150 * 150 mm	10 - 150 mm	450 Kg

# CONTACT US



## SHREEPAD INDUSTRIES

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