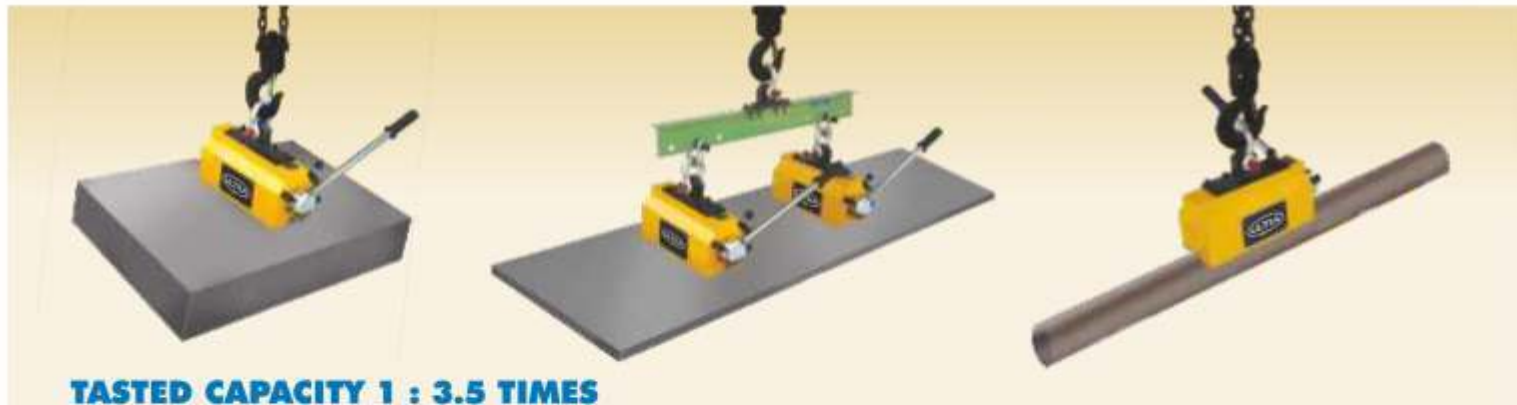




- Used for lifting & handling of steel plates, heavy block & castings as well as heavy round or cylindrical parts.
- The 1 : 3.5 safety factor of the recommended load to the test load ensures use at optimal working conditions even with substantial air gaps & surface conditions.
- Compact design, strong magnetic pull, total work safety
- Easy operated lever for ON-OFF.
- Spring loaded block at side for safety feature.
- Suitable for Flat & Round jobs.
- No damage on job during operation.
- We Also Undertake Calibration Traceable to NABL Certificate and Repairing of All Types of Permanent Magnetic Lifter



TASTED CAPACITY 1 : 3.5 TIMES

Sr. No.	Cat No.	Size (mm) (Height is without hook)	Lifting Capacity for flat job	Tested Capacity for flat job (1 : 3.5 Times)	Weight
0.	UL - 80500	90 L x 65 W x 85 H	100 Kg	350 Kg	4 Kg
1.	UL - 80501	170 L x 85 W x 105 H	200 Kg	700 Kg	9 Kg
2.	UL - 80502	170 L x 85 W x 105 H	250 Kg	875 Kg	9 Kg
3.	UL - 80503	230 L x 85 W x 105 H	300 Kg	1050 Kg	13 Kg
4.	UL - 80504	230 L x 85 W x 105 H	450 Kg	1575 Kg	14 Kg
5.	UL - 80512	260 L x 85 W x 105 H	500 Kg	1750 Kg	14 Kg
6.	UL - 80505	255 L x 110 W x 130 H	600 Kg	2100 Kg	25 Kg
7.	UL - 80506	290 L x 110 W x 130 H	700 Kg	2450 Kg	30 Kg
8.	UL - 80507	350 L x 130 W x 135 H	1000 Kg	3500 Kg	45 Kg
9.	UL - 80508	395 L x 150 W x 160 H	1500 Kg	5250 Kg	68 Kg
10.	UL - 80509	460 L x 170 W x 185 H	2000 Kg	7000 Kg	103 Kg
11.	UL - 80510	555 L x 270 W x 270 H	3000 kg	9000 Kg	280 Kg
12.	UL - 80511	715 L x 350 W x 310 H	5000 kg	15000 Kg	540 Kg

TASTED CAPACITY 1 : 3 TIMES

Sr. No.	Cat No.	Size (mm) (Height is without hook)	Lifting Capacity for flat job	Tested Capacity for flat job (1 : 3 Times)	Weight
0.	UL - 80500 / A	90 L x 65 W x 85 H	100 Kg	300 Kg	4 Kg
1.	UL - 80501 / A	170 L x 85 W x 105 H	200 Kg	600 Kg	9 Kg
2.	UL - 80502 / A	170 L x 85 W x 105 H	250 Kg	750 Kg	9 Kg
3.	UL - 80503 / A	230 L x 85 W x 105 H	300 Kg	900 Kg	13 Kg
4.	UL - 80504 / A	230 L x 85 W x 105 H	450 Kg	1350 Kg	14 Kg
5.	UL - 80512 / A	260 L x 85 W x 105 H	500 Kg	1500 Kg	14 Kg
6.	UL - 80505 / A	255 L x 110 W x 130 H	600 Kg	1800 Kg	25 Kg
7.	UL - 80506 / A	290 L x 110 W x 130 H	700 Kg	2100 Kg	30 Kg
8.	UL - 80507 / A	350 L x 130 W x 135 H	1000 Kg	3000 Kg	45 Kg
9.	UL - 80508 / A	395 L x 150 W x 160 H	1500 Kg	4500 Kg	68 Kg
10.	UL - 80509 / A	460 L x 170 W x 185 H	2000 Kg	6000 Kg	103 Kg
11.	UL - 80510 / A	555 L x 270 W x 270 H	3000 kg	9000 Kg	280 Kg
12.	UL - 80511 / A	715 L x 350 W x 310 H	5000 ka	15000 Ka	540 Ka

BRAND BATTERY OPERATED ELECTRO PERMANENT MAGNETIC LIFTER



FEATURES

- Batteries only work in the moment of magnetization & demagnetization, during the lifting & Handling.
- Maintenance free completely sealed rechargeable batteries
- Inbuilt battery charger.
- Safety Factor: 3 Times.
- Light Weight & Robust construction.
- With battery full charged can switch on/ off approximately 400 times.
- Widely used in the places where the access to power is inconvenient.

APPLICATION

- It is use on flame cutting machine, Plasma cutting machine, water jet cutting machine etc.
- It is useful for handling small as well as large plates.
- It is suitable for handling Plates & round bars.
- Radio remote control is optional.

Cat No.	Flat Load (Kgs)	Battery (VDC)	Charging (VAC)
UL-83401	500kg	2 x 12	230
UL-83402	1000kg	2 x 12	230
UL-83403	2000kg	2 x 12	230

BRAND ELECTROPERM MAGNETIC LIFTER ADJUSTABLE TYPE

FEATURES

- Electroperm Magnetic Lifter is Designed to lift single bars or pipe.
- Electroperm Magnetic Lifter is having special provision to adjust the angle according to diameter of bars or pipe.
- Electroperm Magnetic Lifter do not required continuous electricity.
- Electroperm Magnetic Lifter can be used in a multiple set if the Length of job is more

APPLICATION

This type of lifter widely used for lifting round bar or pipe.

DESIGN

- Designing of Electroperm Magnetic Lifter Depends upon minimum and maximum size of bar or pipe. (Diameter and length)
- Crane Capacity.
- Weight of bar or pipe.



BRAND ELECTROPERM MAGNETIC LIFTER (EPM) For Plate Handling

Plate will not fall even when Electric power fails



SINGLE BEAM EPM LIFTER



DOUBLE BEAM EPM LIFTER

FEATURES

- EPM lifting magnet is designed with the consideration of all industrial safety knobs. Therefore they are very compact light weight high strength and very reliable and safe in use.
- Electro Perm Magnetic lifter is combination of permanent as well as electro magnet power which is required to clamp the job or declamp the job.
- Lifted plate will not failed down even electric power failed because EPM LIFTER requires power only for holding the plates and declamping the plates. So it is 100% safe for handling the plates.
- Continuous electricity is not required so it having advantage of saving electricity over conventional electro magnetic Lifter.
- Electro permanent magnetic lifter is used with combination of various magnets. At fix structure with provision of chain. So this will help to handle plain as well as bend sheets in short it will take care of bendness of plates.
- Safety interlock key to magnetized / demagnetized. Two buttons are to be press simultaneously with help to avoid chance of accident.
- "Inching" feature - when the magnets is switch ON, it might lift more than a single plate. Inching operation reduces the magnetic power slowly such that additional plates, if lifted are dropped. This is used to make sure that only one plate is handled at time.
- Lamp Block - Displays the systems present state.

APPLICATION

- Ideal for handling single plate in stockyards.
- Most effective in the ship building industry.
- It is use on flame cutting m/c. plasma cutting m/c and water jet cutting m/c.
- It is useful for handling small as well as large plates.
- EPM Lifter is design as per customer plate sizes.
- Controller is having special facility of selector switch help for lifting small size sheets and large plates.
- It is the EPM lifting system is very suitable with EOT / GANTRY / MOBILE crane etc.

OPTIONAL UNITS

- Radio Remote Control - Operates from a convenient distance all the function i.e. MAG / DEMAG / Inching.
- ADPREM - Accidental Demagnetization Prevention Mechanism. Disable the demagnetization cycle when carrying load.

DESIGN

- Designing of EPM Plate Lifter Depends upon minimum and maximum size of plate (length X weight X thickness)
- Crane Capacity.
- Weight of Plates.

BRAND ELECTRO Permanent Magnetic Tilting Lifter for Sheets (Horizontal To Vertical And Vise A Varsa)



Plate will not fall even when Electric power fails

FEATURES

- Electro Permanent Magnets for Handling in Vertical or Horizontal Position.
- EPM lifting magnet is designed with the consideration of all industrial safety knobs. Therefore they are very compact light weight high strength and very reliable and safe in use.
- Electro Perm Magnetic lifter is combination of permanent as well as electro magnet power which is required to clamp the job or declamp the job.
- Lifted plate will not fall down even when electric power fail because EPM LIFTER requires power only a for holding the plates and declamping the plates. So it is 100% safe for handling the plates.
- Continuous electricity is not required so it is having advantage of saving electricity over conventional electro magnetic Lifter.
- Electro permanent magnetic lifter is used with combination of various magnets. At fix structure with provision of chain. So this will help to handle plain as well as bend sheets in short it will take care of bendness of plates.
- Safety interlock key to magnetized / demagnetized. Two buttons are to be press simultaneously with help to avoid chance of accident.
- "Inching" feature - when the magnets is switch ON, it might lift more than a single plate. Inching operation reduces the magnetic power slowly such that additional plates, if lifted are dropped. This is used to make sure that only one plate is handled at a time.
- Lamp Block - Displays the systems present state.
- Spreader beam fitted with suspension systems / Control Panel / Indicative Tower lamp etc.

APPLICATION

- Ideal for handling single plate in stockyards.
- Most effective in ship building industry.
- It is use on flame cutting m/c. plasma cutting m/c and water jet cutting m/c.
- It is useful for handling small as well as large plates.
- EPM Lifter is design as per customer plate sizes.
- Controller is having special facility of selector switch help for lifting small size sheets and large plates.
- It is the EPM lifting system is very suitable with EOT / GANTRY / MOBILE crane etc.

OPTIONAL UNITS

- Radio Remote Control - Operates from a convenient distance all the function i.e. MAG / DEMAG / Inching.
- ADPREM - Accidental Demagnetization Prevention Mechanism. Disable the demagnetization cycle when carrying load.

DESIGN

- Designing of EPM Plate Lifter Depends upon minimum and maximum size of plate (length X weight X thickness)
- Crane Capacity.
- Weight of Plates.

Plate Dimensions		Plate Thickness		No of Magnets	Rated Capacity
Length (mm)	Width (mm)				(kg)
Min	Max	Min	Max		
1500	6300	500	2500	6 - 35	4000
3000	12500	500	3000	6 - 30	7500
3000	12500	500	3500	6 - 30	10000
3000	12500	500	3500	6 - 40	12000
3000	12500	500	3500	6 - 50	16000

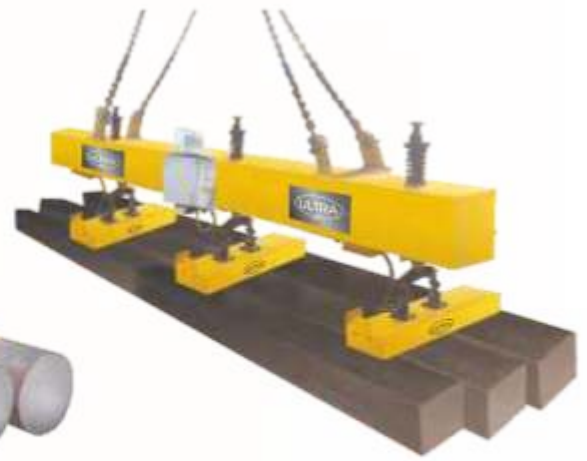
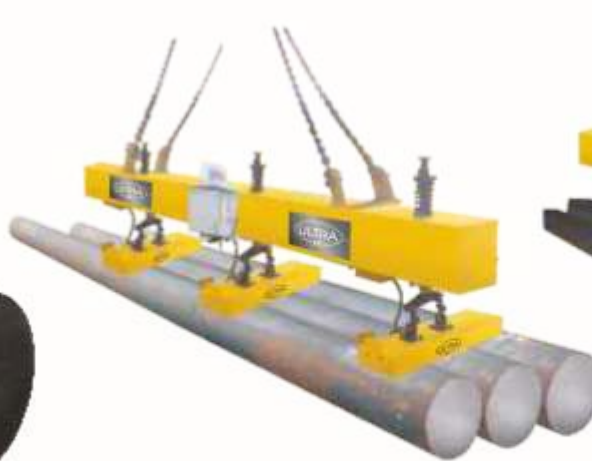
Please Specify Min. / Max. Size of the Sheet. (Length x Width x Thickness)

BRAND CUSTOM MADE MAGNETIC LIFTER (Electrical / Electropermanent)

**EPM Lifter
for Angles**



**EPM Lifter
for Channel**



**EPM
Lifter for Round**

**EPM Lifter for
Pipes & Round Bar**

**EPM
Lifter for Billets**

Magnet Execution	Working Principle	Lifting Capacity	Magnet Length	Magnet Width	Applications
Rectangular magnet 	Electro or Electro - Permanent	upto 60 Tons	upto 2000 mm	upto 1000 mm	Ingots, Blocks, Single Sheets or Stacks, High temp. Applications
2-Pole magnet 	Electro or Electro - Permanent	upto 8 Tons	400 to 1600 mm	75 to 600 mm	Profiles, Beams, Rounds Long & narrow parts
Coil Magnet 	Electro or Electro - Permanent	upto 35 Tons	upto 1600 mm	upto 1600 mm	Coil eye horizontal & Vertica, Slitted coils
Bundle Magnet 	Electro	upto 10 Tons	upto 1500 mm	upto 1000 mm	Bundles, Reinforcing steel, Pipes, Profiles
Angle Magnet 	Electro	upto 6 Tons	upto 2500 mm	upto 200 mm	Angles

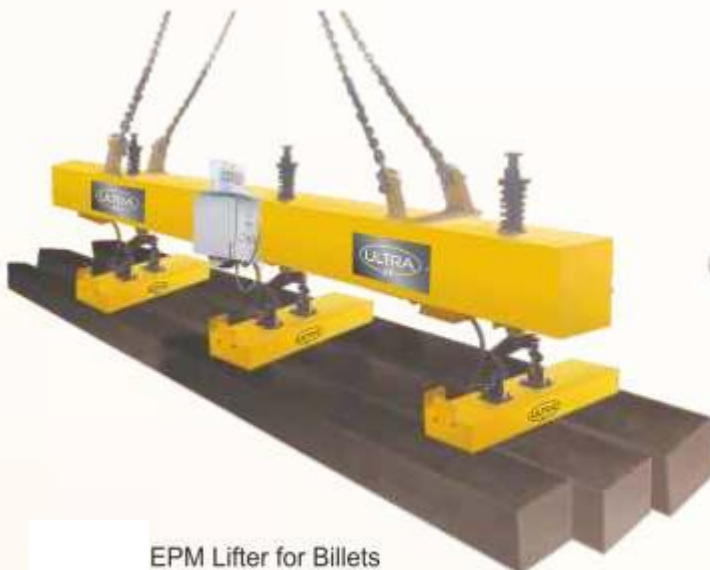
EPM Lifter for Angles



EPM Lifter for Round



EPM Lifter for Channel



EPM Lifter for Billets



EPM Lifter
for Pipes & Bar