

69 SERIES UL - 820

"ULTRA" BRAND ELECTRO Permanent Magnetic Tilting Lifter for Sheets (Horizontal To Vertical And Vice A Versa)



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 fail 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	4	4000
3000	12500	500	3000	6 - 30	4	7500
3000	12500	500	3500	6 - 30	4	10000
3000	12500	500	3500	6 - 40	4	12000
3000	12500	500	3500	6 - 50	6	16000

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