

# EPM Tilting Plate Handling System

**Features**

- Tilting Electro Permanent Magnets for handling Single plates in either vertical or horizontal position.
- “Inching” feature – drops additional plates making sure that only one plate is handled.
- Supplied along with fixed spreader beam.
- Simple self-tilting mechanism by appropriate positioning on plates lifted. No additional mechanism required.
- Horizontally placed plates can be stacked in vertical position or Vertically stacked plates can be kept in horizontal position by appropriate placement of the magnets.
- Spreader beam fitted with elastic suspension for EPMs/ control panel/ indicative tower lamp/ Chain & Bull Ring etc.
- Radio Remote Control integrated.



**Application**

- Unloading from trucks and stacking in vertical position.
- Typically from Vertical storage to a Flame/ laser/ plasma cutting table, etc.
- Can be used with EOT/ Gantry/ Mobile Cranes.

Art No	Beam Weight (Apprx) kg	Magnet Specifications		Plate Characteristics					Lifting Capacity max kg
		Number of Magnets	Magnet Distance	Th	Length		Width		
			L1 mm	min mm	max mm	min mm	max mm		
2310 4.01	2000	4	1500	5	1500	6300	500	2500	4,000
2310 4.02	3000	4	2800	5	3000	12500	500	3000	7,500
2310 4.03	3200	4	2800	5	3000	12500	500	3500	10,000
2310 4.04	3500	4	2800	5	3000	12500	500	3500	12,000
2310 4.05	4000	6	2000	5	3000	12500	500	3500	16,000

• Due to continuous upgradation in design there could be changes in specifications.  
 • Other sizes on request.