

# EPML-BAT-SC

EPM

SELF CONTAINED BATTERY OPERATED ELECTROPERMANENT LIFTING MAGNET

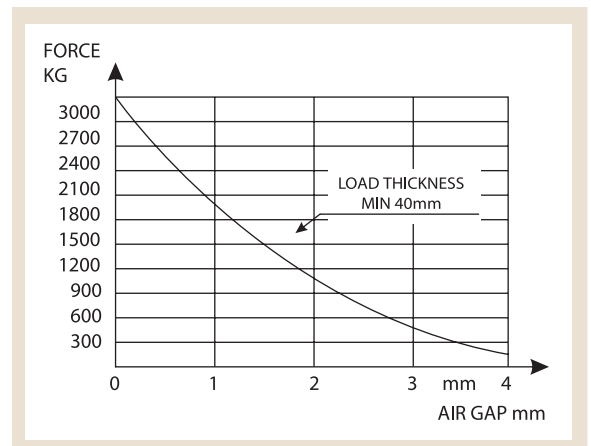
## FEATURES

- Revolutionary technique for safe magnetic lifting.
- Electro Permanent Magnetic Lifter - battery powered.
- Light weight and robust construction.
- Safety factor of 2 is maintained for each magnet.
- No battery power is needed to keep magnet on.
- 2 Pole design for lifting both round and flat components.
- Maintenance free completely sealed rechargeable batteries.
- With battery fully charged- can switch On/Off approximately 300 times.
- Warning signal when battery charge level is low.
- Inbuilt battery charger with over charge protection.
- Battery Charging cable is in built in a sliding case.



## APPLICATIONS

- Near flame cutting machines
- In stock yards for handling flats, plates, rounds.
- For loading/unloading in difficult environmental conditions.
- Since no mechanical lever is actuated very comfortable for operator even while working at odd site condition.
- Automatic Sequential switching On/Off using contact less relay. The magnet initially is in Off condition, after placing on the load, when the hoist pulls up, it actuates a contact less relay and the magnet is automatically switched On. When it is hoisted down, the magnet remains On. And now when it is lifted the same is Off and releases the job.
- Ready to use magnets can be hooked to crane giving incredible flexibility and unbeaten cost reduction for moving ferrous load.



Product Code : EMPL-BAT-SC

All dimensions are in mm.

PART NO	FLAT LO AD (mm)	ROUND LOAD (Kgs)	MAGNET AREA (mm) L X W	BOX AREA (mm) L X W	HEIGHT (mm)	BATTERY (VDC)	CHARGING (VAC)	WEIGHT (Kgs)
150	1500	750	260 X 135	355 X 295	530	2 X 12	230	120
300	3000	1500	405 X 295	500 X 300	700	2 X 12	230	200
500	5000	2500	645 X 405	750 X 450	800	2 X 12	230	375

Due to continuous upgradation in design there could be changes in specification. Other sizes on request. Before ordering, contact Lifton Magnets or your nearest dealer to confirm the suitability of this model for your application.

