

ELECTROMAGNETIC SQUARE LIFTER



2 Electro Magnetic Lifter-Square

	MWS-12635	MWS-14035	MWS-17535	MWS-21035	MWS-24535	MWS-12040	MWS-16040	MWS-20040	MWS-24040	MWS-120400	MWS-130400	MWS-160400	MWS-170420	MWS-210420
Length mm	1050	1400	1750	2100	2450	1200	1600	2000	2400	1200	1300	1600	1700	2100
Power kw	0.9	1.2	1.5	1.8	2.5	3.1	3.3	5.1	6.2	2.2	2.4	3.3	3.7	4
Weight kg	350	455	530	620	745	575	730	880	950	610	650	790	850	1050



Light weight, strong suction, high temperature resistance. It is widely used in moving of square, board, and building materials.



The Electromagnet:

The range of machines are designed to meet the ever-increasing demand for high powered electro magnets, that are both lightweight and compact, a requirement which has been predominantly driven by the mobile crusher market.

The Electromagnet is based on a similar frame design as the permanent magnet range, utilizing only two pulleys, instead of 4. The new units are also air cooled, eliminating the need for any oil or conservator tanks.

The high gradient magnetic field emitted from the Electromagnet enables the recovery of smaller iron contaminants, which may have otherwise been missed by a permanent magnet. The additional strength also improves the magnets capability of lifting heavier tramp metals.

The benefits of the Electromagnet are;

- Electro Magnet can be switched off.
- Higher magnetic gradient than permanent.
- Air cooled coil rather than oil cooled so no issue with oil.
- Low profile so takes up no more space than equivalent permanent magnet and eliminating the need to have four pulleys.
- Lightweight so can be used for mobile machinery installations