

MAGNALIFT Electro Magnetic Circular Lifters

Features

- Easy & speedy handling of solids and scraps.
- Compact and Light weight models are available with optimum load carrying capacity.
- Optimum cross section combined with high magnetic flux produced ensures maximum lifting capacity with respect to the magnet self weight.
- Special Heavy Steel Mill Duty Series with Heavy Duty Manganese Casting Bumper Plate also available with deep field design, Higher Duty Cycle for enhanced Magnetic Operation and Higher Lifting Capacity.
- Manufactured with Cast Steel body and/or Fabricated structure.
- Duty Cycle 50%/ 60%/ 75% per 10 minute.
- Aluminium/Copper/Anodised Aluminium Conductor wound coil, special "H" or "C" Class insulation.
- Completely sealed with thermal conductive compound and protected terminal box.
- Supplied along with standard three-fall chain suspension with bull ring.
- Non Linear Resistors for surge suppression (optional).
- Operates on 220 Volts DC, other voltage on request.
- Compact Heavy duty control panel with easy maintenance.
- Lead Acid/Ni-cd Battery Back-up with Charger.
- Cable Reeling Drums in various types are available.



Steel Mill Duty Series



Heavy Duty Series



Application

- Loading/unloading of steel scraps/pig irons/ cast iron/boring/turning/broken steel.
- Handles slabs, blooms and ingots.
- Handle plates/angle/channels.
- Used in smelt mixing operation.
- Can be used with mobile cranes.
- Direct feeding in the furnace.
- Sweeping/cleaning of mill area.

HEAVY DUTY SERIES

Art No	Dia of Magnet	Rated Power	Approx. weight	Slab ingot	Pig Iron	Cast iron Scrap (Grade 3a)	Solid Scrap (Grade 24)	Short Steel Turnings (Grade 40)
	(mm)	(KW)	(Kg)	(Kg)	(Kg)	(Kg)	(Kg)	(Kg)
22205.01	700	2.5	365	4000	215	175	165	75
22205.02	900	4	650	6945	375	300	280	130
22205.03	1000	4.5	880	8815	485	390	365	170
22205.04	1100	6.0	1250	11345	640	500	490	225
22205.05	1300	8.5	1820	16265	975	780	745	340
22205.06	1600	11	2740	23000	1400	1150	1100	500
22205.07	1800	13.9	3670	30010	2000	1600	1500	700
22205.08	2000	17.2	4750	35450	2575	2070	1960	900

STEEL MILL DUTY SERIES

Art No	Dia of Magnet	Rated Power	Approx. weight	Slab ingot	Pig Iron	Cast iron Scrap (Grade 3a)	Solid Scrap (Grade 24)	Short Steel Turnings (Grade 40)
	(mm)	(KW)	(Kg)	(Kg)	(Kg)	(Kg)	(Kg)	(Kg)
22206.01	1130	8	1520	14700	800	700	650	300
22206.02	1350	10.5	2320	22000	1250	1100	1000	500
22206.03	1440	12.5	2850	26300	1500	1300	1200	600
22206.04	1550	14	3380	30500	1750	1500	1400	700
22206.05	1600	14.5	3550	31000	1800	1550	1450	725
22206.06	1750	18	5320	39500	2350	2050	1900	950
22206.07	1840	20	6130	44500	2650	2350	2200	1100
22206.08	2020	23.5	8150	56000	3300	3000	2800	1350
22206.09	2250	27.5	10600	68500	4000	3700	3500	1700

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