

HPT

ELECTRO-PERMANENT LIFTER FOR PLATES AND SLABS

For handling single plates or semi finished blocks

HPT electro-permanent magnetic modules are the ideal answer for handling plates or blocks. Completely adjustable destacking down to 5 mm.

- Excellent power to weight ratio
- Multi-pole powered magnetic circuit insures no residual magnetism and high performance with a low flux depth for better versatility
- “ STEEL MILL TOUGH with 3.7” ” thick monobloc frame

Standard Safety features:

- Electro-perm technology cannot drop a load due to loss of power
- Test lift sequence prevents unsafe loads due to air-gap, load geometry, or actual load composition from being handled
- Lifter status lights to insure the operator always knows the lifter status
- Radio remote keeps the operator a safe distance while operating the magnet
- Safety switch prevents de-mag unless the load is safely on the ground
- CSS sensor to insure controller and magnet are working properly
- Safe button to prevent accidental De-mag

Standard Operational Features:

- Adjustable power level for de-stacking plates and slabs as needed
- Radio remote
- No residual magnetism
- Low flux depth
- Adjustable test lift sequence
- Status lights
- Electro perm technology saves energy
- No moving parts to wear
- On board controls for easy installation

Optional:

1. Removable poles shoes
2. Dual controls
3. Temperature sensor
4. Hi temp version available on request
5. DC power supply
6. Crane control interface
7. MSD sensor to check magnetic saturation each and every lift



Applications

Steel service centers, Mold and die shop, Fabricators, Heat treating, steel mills, Steel warehouse, Job shops



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Specifications mm(inch)

Model	A	B	C	D	E	F	G	H	I	L
HPT 50	1540 (60.6)	446 (17.6)	108 (4.3)	259 (10.2)	440 (17.3)	760 (29.9)	250 (9.8)	130 (5.1)	9 (0.35)	823 (32.4)
HPT 100	1540 (60.6)	446 (17.6)	108 (4.3)	259 (10.2)	740 (29.1)	870 (34.3)	250 (9.8)	130 (5.1)	9 (0.35)	1004 (39.5)
HPT 150	1640 (64.6)	456 (18.0)	118 (4.6)	259 (10.2)	980 (38.6)	1130 (44.5)	250 (9.8)	130 (5.1)	9 (0.35)	1223 (48.1)
HPT 200	1640 (64.6)	456 (18.0)	118 (4.6)	259 (10.2)	1220 (48.0)	1350 (53.1)	270 (10.6)	140 (5.5)	9 (0.35)	1462 (57.6)

Load Capabilities mm(inch)

Model	Weight	Thickness		Width		Length		Rated lift capacity
		Min.	Max.	Min.	Max.	Min.	Max.	Max.
HPT 50	600 kg / 1320 lb	8 (0.3)		3500 (137.80)		1000 (39.37)	6100 (240.16)	5000 kg / 11000 lb
HPT 100	800 kg / 1760 lb	8 (0.3)		3500 (137.80)		1000 (39.37)	6100 (240.16)	10000 kg / 22000 lb
HPT 150	1150 kg / 2530 lb	8 (0.3)		3500 (137.80)		1000 (39.37)	6100 (240.16)	15000 kg / 33000 lb
HPT 200	1580 kg / 3480 lb	8 (0.3)		3500 (137.80)		1000 (39.37)	6100 (240.16)	20000 kg / 44000 lb

