

3 The choice of the type According to the workpiece's thickness, weight, the gap of the workpiece and the permanent magnetic crane, material, the area of the attraction, the balance of the weight and the roughness degree of the surface, and then choose the relevant type.

3.1 The conversion reference of the thickness and lifting power:

	(Steel plate thickness)		(Rate of the hoisting Capacity)									
	mm	inch	PML-50	PML-30	PML-30	PML-20	PML-10	PML-6	PML-4	PML-1		
T1	Up60	Up2.36	100%	100%	100%	100%						
T2	55	2.16"	90%	90%	90%	100%						
T3	50	1.97"	85%	85%	85%	95%	100%					
T4	45	1.77"	80%	80%	80%	85%	100%	100%				
T5	40	1.57"	75%	75%	75%	80%	85%	100%	100%			100%
T6	35	1.38"	65%	65%	65%	70%	85%					
T7	30	1.18"	55%	55%	55%	60%	75%					
T8	25	0.98"	45%	45%	45%	50%	65%	85%				
T9	20	0.79"	35%	35%	35%	40%	55%	70%	85%			
T10	15	0.59"	25%	25%	25%	30%	45%	55%	65%			
T11	10	0.39"	15%	15%	15%	20%	30%	40%	45%	65%		
T12	5	0.20"	10%	10%	10%	10%	15%	20%	25%	35%		

3.2 The surface roughness of the material(Fx), the material(Mx)and the lifting power conversion,

The load capacity and the roughness of the surface,

