

## Challenger Magnetic Lifters

Challenger Magnetic Lifters can be used in various industries for the lifting and moving of steel, engine parts, semi-manufactured goods and moulds. Due to its magnetic force there is no need to use slings, clamps or other holding devices. This will eliminate the chance of damaging the lifted materials.

## Features:

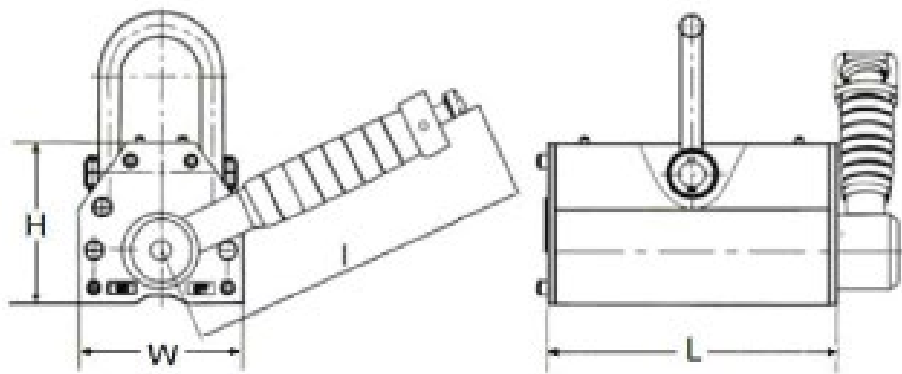
- The magnetic lifter features a breakaway force 3.5 times greater than the working load limit
- Weight capacities are available from 100kg to 2000kg
- No electricity needed which will increase product safety. Once operated correctly there is less than 1% residual magnetism
- The simple switch and safety button design allows for one handed operation
- Use of plate with high-carbon content will reduce the absorbability to less than 50% of rated capacity. Use of plate with high carbon content is not recommended



The information shown is to be used as a guide only. Specifications are subject to change without notice. All materials handling or lifting jobs should be assessed individually. Pacific Hoists products are NOT to be used for lifting or lowering persons.

## Specifications

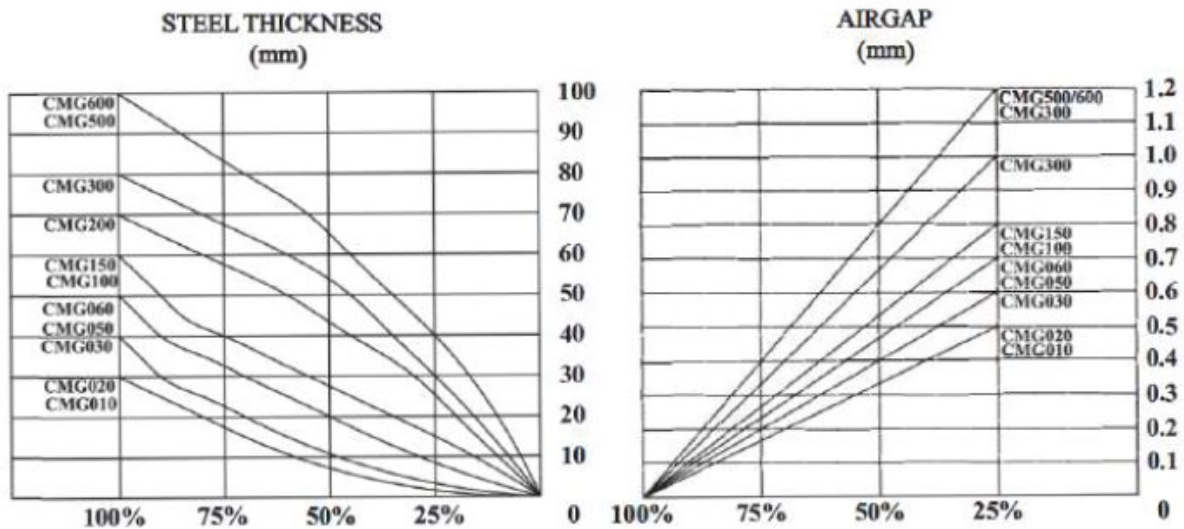
Model	CMG010	CMG030	CMG060	CMG100	CMG200
Rated Capacity (kg)	100	300	600	1000	2000
Cylinder Carring Capacity (kg)	30	90	180	300	600
Max Break-away Force (kg)	350	1050	2100	3500	7000
Net Weight (kg)	3	10	24	50	125



Model	CMG010	CMG030	CMG060	CMG100	CMG200
L	92	165	236	264	378
W	64	88	118	168	230
H	70	96	120	168	217
I	142	176	219	266	462

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## Rate of Reduction Graph



Thickness (mm)	Effective Percentage of Rated Capacity				
	CMG010	CMG030	CMG060	CMG100	CMG200
80					
70					100%
60				100%	80%
50			100%	90%	60%
40		100%	90%	75%	45%
30	100%	90%	70%	55%	30%
20	80%	70%	50%	35%	20%

\*This only applies to materials with low carbon content

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