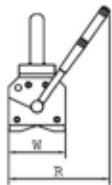
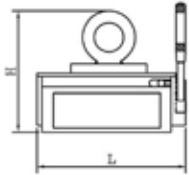




### FEATURES

- Tested 3 times the rated lifting capacity.
- State of art new two pole design.
- Absolute compact dimensions with low weight.
- Made with high energy rare earth NdFeB magnets.
- Machined out from single steel block.
- Easily transportable.
- Actuating lever with positive spring lock.



Product Code : NML-S

TFL : TESTED FLAT LOAD 70MM THICK

All dimensions are in mm.

PART NO	RATED CAPACITY		DIMENSIONS				UNIT WEIGHT (Kgs)	TFL (Kgs)	JOB SIZE RANGE		
	FLAT(Kgs)	DIA(Kgs)	L	W	H	R			FLAT L	FLAT R	ROUND Ø
100	100	45	135	70	140	160	4	300	1200	800	40-100
200	200	90	175	70	140	160	6	600	1200	800	40-100
300	300	125	195	90	170	210	9	900	2000	1200	40-160
500	500	225	255	100	210	180	18	1500	2500	1500	40-200
1000	1000	450	355	142	290	375	43	3000	3000	2000	60-350
2000	2000	900	445	182	335	430	88	6000	3500	2000	80-400
3000	3000	1350	470	260	425	750	175	9000	3500	2000	80-400
5000	5000	2250	540	370	515	750	350	15000	5000	3000	125-450

### APPLICATIONS

- For handling of steel plates, blocks, rounds, press moulds and loading/unloading in machines.
- Commonly used in machine tools and oxygen cutting operations.
- Can handle finished components without leaving any scratch marks, unlike binding and slinging.
- Can be used with spreader beam hanging multiple magnets to handle long plates/pipes/bars

### BENEFITS

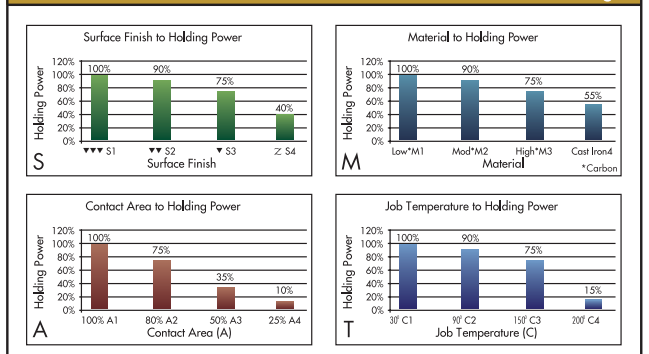
- More effective use of available floor space by eliminating gauging and increasing stacking height.
- Large and heavy work piece can be moved safely and easily by only one operator.
- Suitable for both flat and round components.
- Easy, intuitive design.
- Made from a single block of steel - no welds, no bolts

THICKNESS	(mm)	RATED CAPACITY (Safe Lifting Weight or SWL)							
		5000Kg	3000Kg	2000Kg	1000Kg	500Kg	300Kg	200Kg	100Kg
T1	70	100%							
T2	60	90%	100%						
T3	50	85%	90%	100%	100%				
T4	45	80%	85%	90%		100%			
T5	40	70%	80%	85%	90%				
T6	35	60%	70%	75%	85%	90%			
T7	30	50%	60%	65%	80%		100%		
T8	25	40%	50%	55%	70%	80%			
T9	20	30%	40%	45%	60%	75%	90%	100%	100%
T10	15	20%	30%	35%	50%	60%	70%	90%	90%
T11	10	10%	20%	25%	35%	45%	50%	70%	70%
T12	5	5%	10%	15%	20%	25%	30%	40%	40%

- Testing plate thickness 55mm
- Lifting capacity depends with - Thickness of load - Roughness of job surface - Hardness of material - Contact area of magnet - Temperature of the load

Calculation of Lifting Capacity of a Lifting Magnet :- T x S x M x A x C x SWL

Example :  
 $T4 \times S2 \times M2 \times A2 \times C1 \times 1000$   
 $100\% \times 90\% \times 90\% \times 75\% \times 100\% \times 1000 = 607.5 \text{ Kgs}$



Due to continuous upgradation in design there could be changes in specification. Other sizes on request. Before ordering, contact Lifton Magnets or your nearest dealer to confirm the suitability of this model for your application.

