

THE MAX LIFTER MAGNET

FLAT OR ROUND MATERIAL HANDLING

The Steelmax **Max Lifter** series of magnets are compact, self-contained lifting magnets that use permanent magnets to maintain holding power indefinitely. Because they require no electric power, they can operate in places electric power is not readily available free of the restriction of power cords.

Max Lifter magnets are safe and efficient. The magnets lift, transport and release the load rapidly with the simple motion of a lever using a single operator. Once activated, a spring-loaded device blocks the maneuvering lever preventing any accidental deactivation. The Lifters feature a 3:1 safety factor of the recommended load.

Max Lifter magnets are robust and reliable. The rotor, the only moving part, has its fulcrum on ball bearings and doesn't make any physical contact during rotation. All steel parts are nickel coated to prevent rust formation and improve component life. **Max Lifter** magnets will operate "maintenance free" over long periods of time.

FEATURES

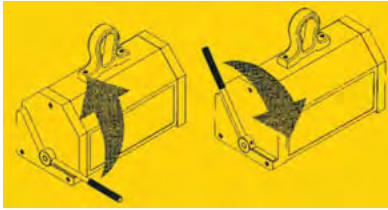
- Available in 275, 550, 1100, 2200, 4400 lb (125, 250, 500, 1000, 2000 kg) lifting capacity
- Self-contained, permanent magnet
- No electrical power required
- Substantial weight capacity safety factor
- Self-locking safety block prevents accidental deactivation
- Intelligent magnet design activates magnet only when there is sufficient holding power
- Mono block, rust-proof nickel-coated design
- Maintenance free



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Activation and Deactivation Phases

The simplicity of a single move.



Simply turning the handle, the Max Lifter is activated or deactivated. A self-locking device prevents any possible accidental deactivation of the handle when in the MAG position.



Load Characteristic Plate

Part number	Model	Max load		Min thickness		Max length	
		lb	kg	in	mm	in	mm
SM-ML125	Max Lifter 125	275	125	3/4	20	39	1000
SM-ML250	Max Lifter 250	550	250	3/4	20	59	1500
SM-ML500	Max Lifter 500	1100	500	1	25	78	2000
SM-ML1000	Max Lifter 1000	2200	1000	1-1/2	40	118	3000
SM-ML2000	Max Lifter 2000	4400	2000	2	55	118	3000

Load Characteristic Round Stock

Part number	Model	Max load		Min thickness		Max length		Max diameter	
		lb	kg	in	mm	in	mm	in	mm
SM-ML125	Max Lifter 125	110	50	3/8	10	39	1000	12	300
SM-ML250	Max Lifter 250	220	100	3/8	10	59	1500	12	300
SM-ML500	Max Lifter 500	440	200	9/16	15	78	2000	16	400
SM-ML1000	Max Lifter 1000	880	400	1	25	118	3000	18	450
SM-ML2000	Max Lifter 2000	1760	800	1-3/8	35	118	3000	24	600

Technical Data

Part number	Model	Weight		Length		Width		Height	
		lb	kg	in	mm	in	mm	in	mm
SM-ML125	Max Lifter 125	8.1	3.7	4.8	122	3	79	5.6	142
SM-ML250	Max Lifter 250	14.3	6.4	7.4	189	3	79	5.6	142
SM-ML500	Max Lifter 500	33	15	9.8	249	4.2	106	7.4	189
SM-ML1000	Max Lifter 1000	71.6	32.5	13.4	342	5.25	133	8.6	219
SM-ML2000	Max Lifter 2000	167.5	76	18	457	6.5	166	11.5	293

All information is subject to change without notice.

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