

Ultralift LM Lifting Magnet

Manually operated general purpose lifter

Datasheet no. 302



Excellent performance to weight ratio achieved by using high-energy neodymium magnets arranged in an efficient magnetic circuit. Superb holding force for a safe, reliable lift.

Locking switch on clamping mechanism prevents accidental switching.

Suitable for

Ferrous sheet/plate thicknesses greater than 20mm
maximum weight of 2000kg

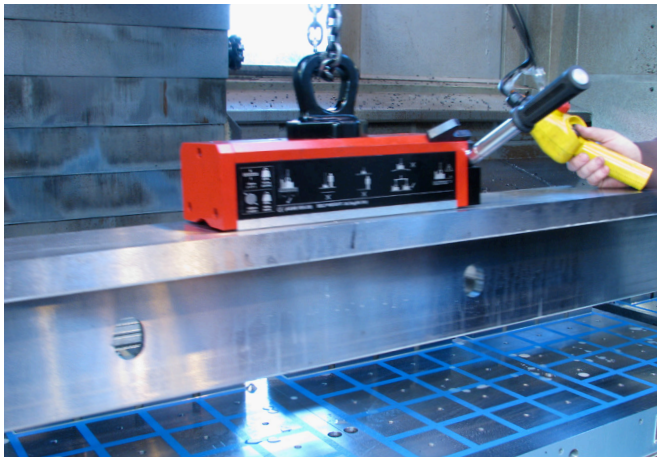
Ferrous round bar up to 600mm diameter
maximum weight of 800kg

Suitable locations

Machine shops, fabrication shops, steel stockholders, manufacturers

Benefits

- Easy to install
- Simple one man operation
- No power required
- Load surface not marked
- High performance magnet material providing high performance at a lower weight
- Save space as access is only needed to the top of the load
- Handle locking mechanism ensures safe lifting



Anglia Handling Services Ltd.

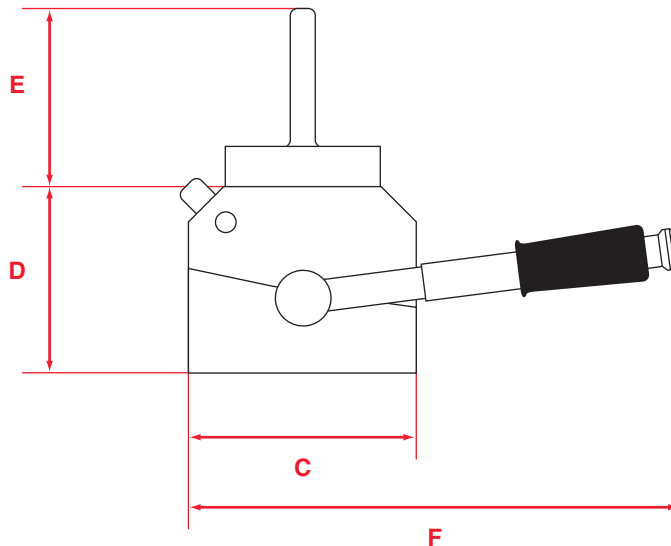
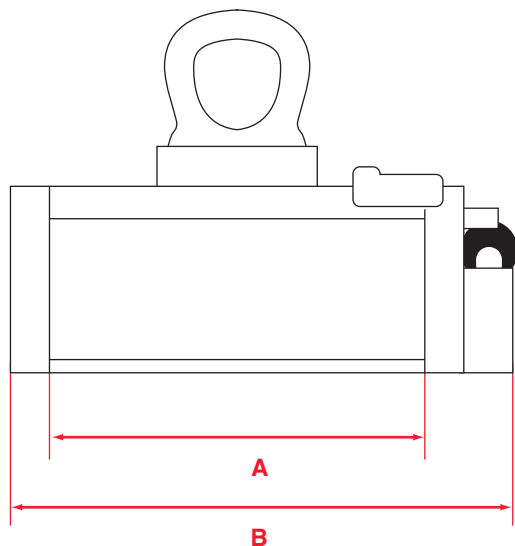
Montgomery Way
Stratton Business Park
Biggleswade
Bedfordshire
SG18 8QB

Tel: +44 (0) 1767 312125
Fax: +44 (0) 1767 601375
sales@angliahandling.co.uk
www.angliahandling.co.uk



Ultralift LM Lifting Magnet

Manually operated general purpose lifter



Part No	Weight	Dimensions						Max Length	Flat Section		Round Section	
		A	B	C	D	E	F		SWL *	Min. Thickness	SWL *	Min. Diameter
	kg								kg		kg	
LM0125	4.5	110	150	76	62	54	150	1500	125	20	50	250
LM0250	8.5	165	210	90	72	76	200	1500	250	25	100	300
LM0500	17.5	225	281	106	88	103	243	2000	500	30	200	400
LM1000	36.5	325	391	136	103	113	365	3000	1000	45	400	450
LM2000	79	400	483	186	132	170	526	3000	2000	70	800	600

*SWL indicates a 3:1 safety factor

All dimensions in mm

Performance

SWL performance criteria

Flat ground mild steel plate of thickness, equal to or greater than the specified minimum thickness

Magnetic material

Rare earth neodymium iron boron

Temperature

-10°C (14°F) / +80°C (176°F)

Maximum humidity

80%

Materials

End plates

Aluminium - painted

Housing

Mild steel

Pole feet

Mild steel - plated

Conformity

The Ultralift Plus range conforms to the following:

Machinery Directive 98/37/CE

BS EN ISO12100-1 Basic Engineering Principles

BS EN 13155:2003 Cranes safety: non-fixed load lifting attachments

SS7665601 Swedish standards for magnetic lifting devices

ASME B30.20

Anglia Handling Services Ltd.

Montgomery Way
Stratton Business Park
Biggleswade
Bedfordshire
SG18 8QB

Tel: +44 (0) 1767 312125
Fax: +44 (0) 1767 601375
sales@angliahandling.co.uk
www.angliahandling.co.uk

Biggleswade

While every effort has been made to ensure the accuracy of the information in this publication please note that specifications may change without notice.