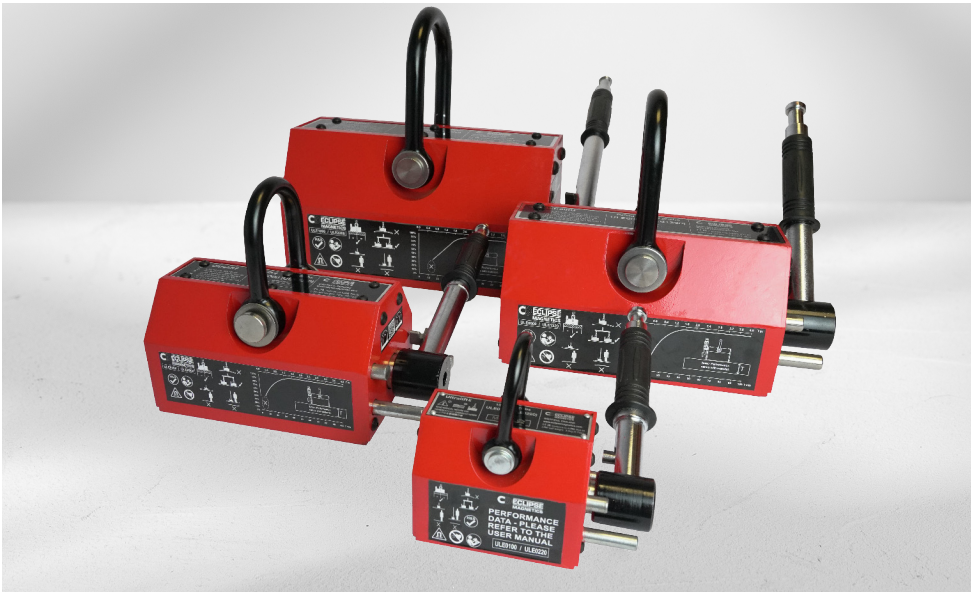




Ultralift E

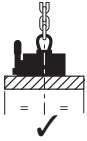
Instruction Manual



Scan QR code to download full
Multi-language Instruction Manual



Safety & Usage



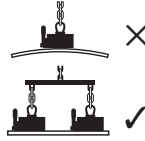
Correct orientation of load



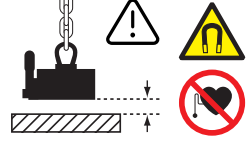
Do not lift people



Do not lift load over people



Do not lift loads exceeding the recommended length

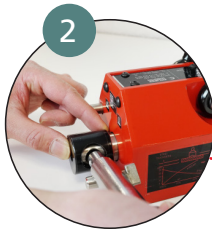


Air gap warning

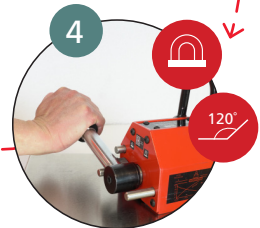
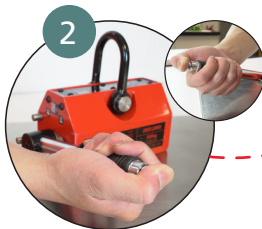
Assembly



Before use, attach the handle to the lifter body.



How to use





DECLARATION OF CONFORMITY

The Supply of Machinery (Safety) Regulations 2008, Annex II, A



Manufacturer: Eclipse Magnetics Ltd

Address: Atlas Way, Sheffield, S4 7QQ, United Kingdom

This declaration is issued under the sole responsibility of the manufacturer.

Product: Ultralift (UL)

Description: A permanent lifting magnet

This machinery fulfils all the relevant provisions of The Supply of Machinery (Safety) Regulations 2008, as well as:

The Electrical Equipment (Safety) Regulations 2016

The Electromagnetic Compatibility Regulations 2016

Designated standards: EN ISO 12100:2010, EN 13854:2019, EN 13155:2020.

The specific technical documentation, in accordance with Appendix VII A, has been written and is available. The documentation will be transmitted to a reasoned request by national authorities.

Sheffield, 21.03.2022

Andrew Reeve Operations Director



DECLARATION OF CONFORMITY

Machinery Directive 2006/42/EC, Annex II, A



Manufacturer: Eclipse Magnetics Ltd

Address: Atlas Way, Sheffield, S4 7QQ, United Kingdom

The person authorised to compile the relevant technical documentation:

Name: Mme Pascale Pekala

Address: Spear and Jackson, 9 Boulevard des Echarneaux, 42400 Saint-Chamond, France

This declaration is issued under the sole responsibility of the manufacturer.

Product: Ultralift (UL)

Description: A permanent lifting magnet

This machinery fulfils all the relevant provisions of the Machinery Directive 2006/42/EC, as well as:

Low Voltage Directive 2014/35/EU

Electromagnetic Compatibility Directive 2014/30/EU

Harmonised standards: EN ISO 12100:2010, EN 13854:2019, EN 13155:2020.

The specific technical documentation, in accordance with Appendix VII A, has been written and is available. The documentation will be transmitted to a reasoned request by national authorities.

Sheffield, 21.03.2022

Andrew Reeve Operations Director

Technical Data



Model No	Flat Section								Round Section					
	Self Weight		WLL		Thickness Min		Length ^{*1} Max		WLL		Diameter Max		Length ^{*2} Max	
	(kg)	(lbs)	(kg)	(lbs)	(mm)	(in)	(mm)	(in)	(kg)	(lbs)	(mm)	(in)	(mm)	(in)
ULE0100 / ULE0220	3	6.7	100	220	15	0.590	1000	39.3	50	110	80	3.1	1000	39.3
ULE0300 / ULE0660	10	22.1	300	660	20	0.787	1500	59	150	330	100	3.9	2000	78.7
ULE0600 / ULE1320	23	50.7	600	1320	30	1.181	2000	78.7	300	660	140	5.5	3000	118
ULE1000 / ULE2200	39	86.0	1000	2200	40	1.574	2500	98.4	500	1100	180	7	4000	157
ULE2000 / ULE4400	74	163.0	2000	4400	50	1.968	3000	118	1000	2200	300	11.8	3000	118

WLL = Working Load Limit (Always work within stated WLL)

^{*1} The maximum flat section length may need to be shorter for wider loads (Always work within stated WLL)

^{*2} The maximum stated length is not linked to the maximum diameter (Always work within stated WLL)

This chart is to assist but please note that WLL is reduced when lifting certain metals. Always work within the WLL. It is your responsibility to ensure a safe lift is possible. Performance varies with material type - its properties could downrate the WLL. Check the magnetic permeability before lifting. For example:- ferrous alloy steels typically around 80% performance, high carbon steels typically around 70% performance, cast iron typically around 55% performance. Any air gap reduces the WLL (includes paint layers, plastic coating layers, oil film, etc) - the greater the gap the lower the WLL value will be. Holes and perforations reduces surface contact which reduces the WLL. Poorer surface finishes will reduce the WLL. Materials with higher density will weigh more so the size of part to lift will have to reduce. For wider loads, loads that bend/flex and heavier loads you will need to combine additional lifters and spreader beams to achieve a safe lift while working within the WLL. Performance can vary from application to application. Perform a small lift first!

Warranty & Annual Inspection



Don't forget to register your purchase for a 1 year warranty at service.eclipsedmagnetics.com



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