

evo Bumper

elebia®

smart lifting solutions



WITH WEIGHING SCALE*
Kg / Lb
*OPTIONAL



evo5 - 5,000 kgs. / 11,023 lbs.

evo10c - 10,000 kgs. / 22,046 lbs.

evo10 - 10,000 kgs. / 22,046 lbs.

evo20c - 20,000 kgs. / 44,092 lbs.

evo20 - 20,000 kgs. / 44,092 lbs.

evo25 - 25,000 kgs. / 55,115 lbs.

evo Automatic Crane Hooks

evo, the unique automatic crane hook that allows you to attach and release the load remotely, avoiding additional handling. Minimise risks, enhance safety and increase productivity in your lifting operations.

1.

the magnet attracts the ring...



2.

...adjusts the lifting hook...



3.

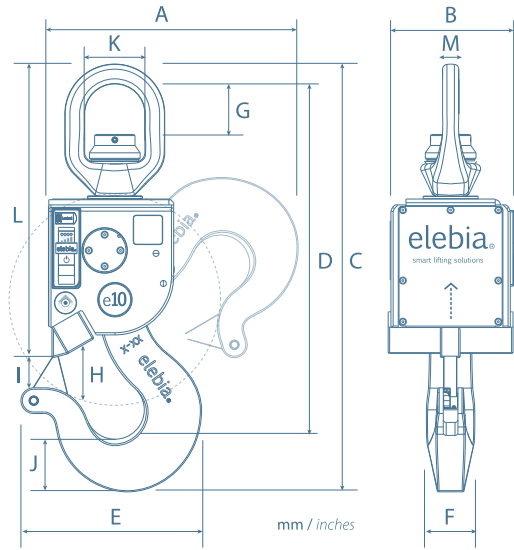
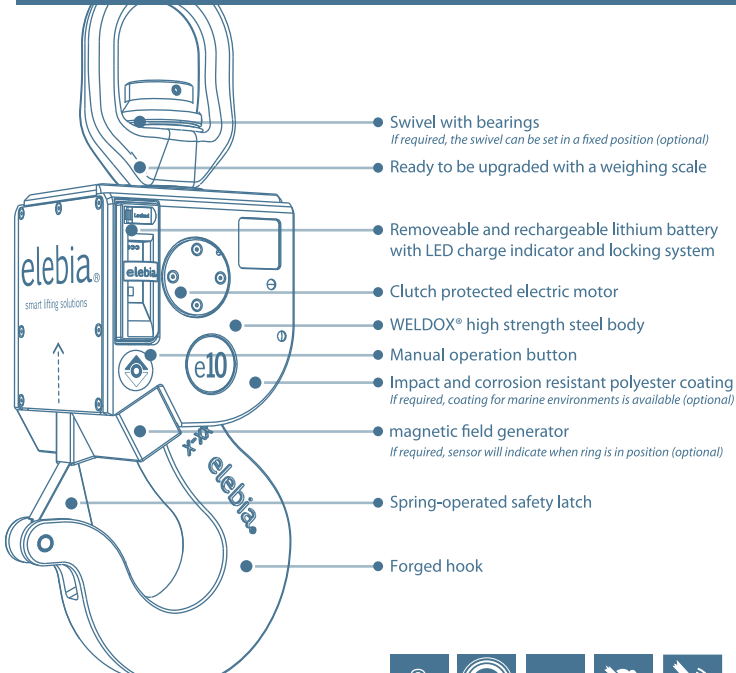
...and elevates the load.



For more information visit us at www.elebia.com

Steedore, windpower, steel mills, mining, aeronautics, nuclear, construction... No matter what your industry is **elebia will boost the safety and productivity of your cranes.**

Main features of the elebia evo5 / evo10c / evo10 / evo20c / evo20 / evo25 automatic hooks



Remote Control



Display Information

Open Button

Close Button



Power Supply	1x 3V lithium battery (CR2032)
Detection of Errors in Transmission	2 CRC bytes + Forward Error Correction
Buttons	2
Frequency Selection	5
Frequencies	868 MHz / 924.1 MHz
Communication	Bi-directional return of receiver battery status
Radiated Power	under 5dBm
Antenna	Printed circuit
Range	100 metres / 330 feet
Working Temperature	-20 °C to 85 °C / -4 °F to 185 °F
Dimensions	Minitel box (68 x 52 x 17 mm / 2.68 x 2.05 x 0.67 inches)

220V Charger / 24V Charger

Specifications

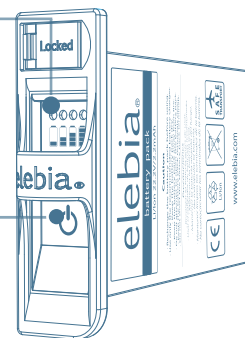
Technical Specifications

Input Voltage	100V - 240V 50Hz - 60Hz 0.15 max
Output	25.2V / 1A
Charge Indicator	Yes, by red LED
Charge Complete Indicator	Yes, by green LED



Battery - High capacity: 3 hour charge - 5,000 cycles / 250 hours in standby mode

Led Charge Indicator	ON/OFF
Technology	Rechargeable Li-Ion
Maximum Voltage	25.2 V DC
Nominal Voltage	22.2 V DC
Nominal Capacity	2.6 Ah / 56.16 Wh
Protection Circuit	Charge, Discharge, Overvoltage
Maximum Discharge Current	7.8 A for 1 second (idle 5s)
Heat Protection	Thermal 70 °C / 158 °F
Charge Indicator	Display ON 4 LED (25%-50%-75%-100%)
Temperature (Charge)	0 °C to 45 °C / 32 °F to 113 °F
Temperature (Discharge)	-20 °C to 50 °C / -4 °F to 122 °F
Temperature (Idle)	-20 °C to 60 °C / -4 °F to 140 °F
Weight	400 g aprox / 14.10 oz



	evo5	evo10c	evo10	evo20c	evo20	evo25
A	277 / 10.91	277 / 10.91	342 / 13.46	311 / 12.24	341 / 13.43	341 / 13.43
B	170 / 6.69	170 / 6.69	182.3 / 7.18	182.3 / 7.18	182.3 / 7.18	182.3 / 7.18
C	469 / 18.46	519.8 / 20.46	584 / 23.99	624 / 24.57	663 / 26.10	735 / 28.94
D	409 / 16.10	451.3 / 17.76	485 / 19.10	520 / 20.47	553 / 21.77	618 / 24.33
E	194 / 7.64	194 / 7.64	246 / 9.68	226 / 8.90	246 / 9.68	246 / 9.68
F	43 / 1.70	43 / 1.70	66 / 2.60	66 / 2.60	66 / 2.60	66 / 2.60
G	48.5 / 1.91	68 / 2.68	68 / 2.68	105 / 4.13	105 / 4.13	138.5 / 5.45
H	57.6 / 2.26	57.6 / 2.26	83 / 3.27	50 / 1.97	83 / 3.27	83 / 3.27
I	25 / 0.98	25 / 0.98	42 / 1.65	42 / 1.65	42 / 1.65	42 / 1.65
J	41 / 1.61	41 / 1.61	72 / 2.83	66 / 2.60	72 / 2.83	72 / 2.83
K	58 / 2.28	82 / 3.23	82 / 3.23	115 / 4.53	115 / 4.53	133 / 5.24
L	349 / 13.74	400.4 / 15.76	400.4 / 15.76	480 / 18.90	480 / 18.90	550 / 21.65
M	15 / 0.59	22 / 0.87	22 / 0.87	29 / 1.14	29 / 1.14	34 / 1.34

Regulatory Standards

- ASME B30.10-2009
- ASME B30.20-2010
- EN 10204 3.1.B
- D89/391/EEC
- D89/654/EEC
- D89/655/EEC
- D89/656/EEC
- D92/58/EEC 9a

- UNE-EN 1050
- UNE-EN 1677-1:2001 + A1:2009
- UNE-EN 1677-2:2001 + A1:2008
- UNE-EN 60204-1:2007
- UNE-EN 61000-6-4:2007
- UNE-EN 61000-6-2:2006
- UNE-EN ISO12100:2012
- UN 38.3

- Directive on Machine Safety (D2006/42/EC).
- EMC Directive (2014/30/EU).
- Low Voltage Directive (2014/35/EU).
- Radio Equipment Directive (2014/53/EU).
- Assurance of Production Quality in accordance with ISO9001.
- ARIB Construction Design Certification Number 203-JN0689.
- FCC Identifier 2ACLHEVO for Equipment Class: Digital Transmission System.
- DNV GL Certified (evo5 / evo10 / evo20)

