

# elebia®

smart lifting solutions



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## eTrack Rail Lifting Clamp

The eTrack rail lifting clamp has been designed to ease the lifting, handling and transporting of singular rail sections safely and securely. With its 2,000 kgs./4,409 lbs. lifting capacity, and advanced productivity and safety features, the eTrack rail lifting clamp is the smartest solution for lifting and transporting train rails.



For more information visit us at [www.elebia.com](http://www.elebia.com)

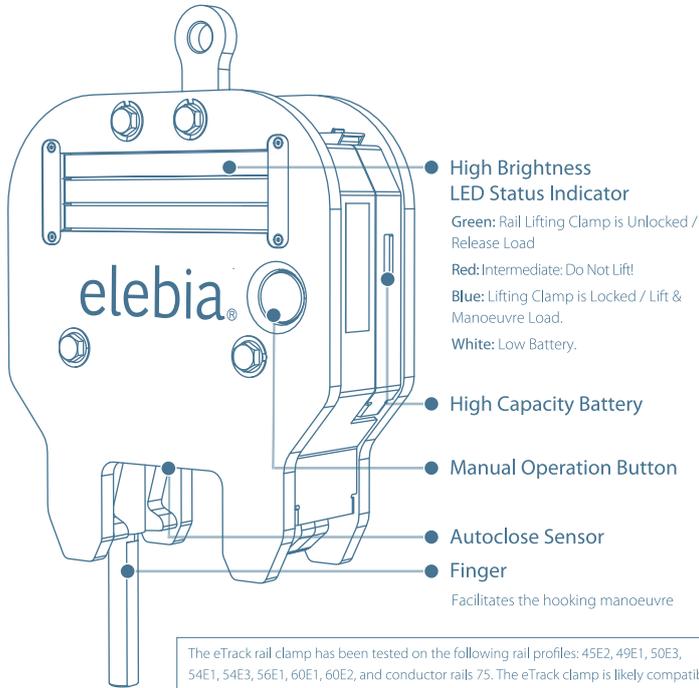
Stevedore, windpower, steel mills, mining, aeronautics, nuclear, construction... No matter what your industry is **elebia will boost the safety and productivity of your cranes.**



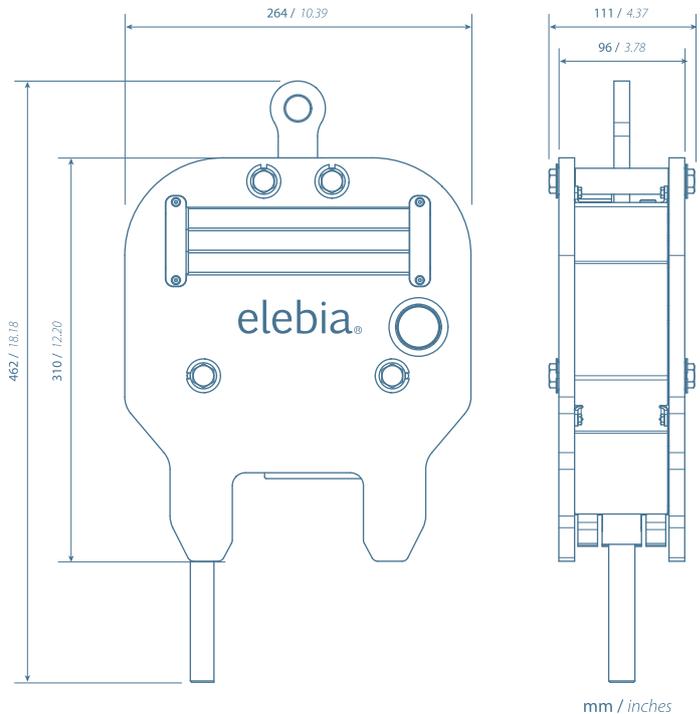
## Main Features of the eTrack Rail Lifting Clamp

WORKING LOAD LIMIT **2,000 kg / 4,409 lbs**

Weight: **17 kg / 37 lbs**

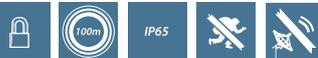


The eTrack rail clamp has been tested on the following rail profiles: 45E2, 49E1, 50E3, 54E1, 54E3, 56E1, 60E1, 60E2, and conductor rails 75. The eTrack clamp is likely compatible with these additional references, pending final testing: 49E1A2, 60E1A1, and 60E1A5.



mm / inches

### Remote Control



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

Display Information

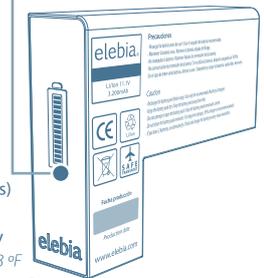
Open Button

Close Button



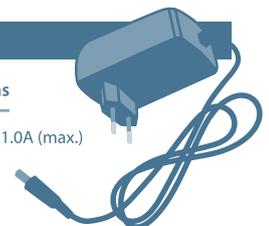
### Charge Indicator

Technology	Rechargeable Li-Ion
Maximum Voltage	12.6 V DC
Nominal Voltage	10.8 V DC
Nominal Capacity	3.4 / 36.72 Wh
Protection Circuit	Charge, Discharge, Overvoltage
Maximum Discharge Current	8 A for 1 second (idle 5s)
Heat Protection	Thermal 70 °C / 158 °F
Charge Indicator	Eink 14 Segment Display
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	200 g aprox. / 7.05 oz



### 220V Charger

Specifications	Technical Specifications
Input Voltage	100-240 V AC / 50-60Hz. 1.0A (max.)
Output	12.6 V DC / 1.2 A
Charge Indicator	No
Charge Complete Indicator	No



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
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)

### Regulatory Standards

- EN 10204 3.1.B	- UNE-EN 60204-1:2007	- Directive on Machine Safety (D2006/42/EC)
- ETSI EN 300 220-1 V3.1.1	- UNE-EN 60730-1:2013	- EMC Directive (2014/30/EU)
- ETSI EN 300 220-2 V3.1.1	- UNE-EN 61000-6-4:2007	- Radio Equipment Directive (2014/53/EU)
- ETSI EN 303 446-1 V1.1.0	- UNE-EN 61000-6-2:2006	- Low Voltage Directive (2014/35/EU)
- ETSI EN 303 446-2 V1.1.0	- UNE-EN ISO12100:2012	- Assurance of Production Quality in accordance with ISO9001.
- UNE-EN 1050	- UN 38.3	- ARIB Construction Design Certification Number 203-JN0689.
		- FCC Identifier 2ACLHEVO for Equipment Class: Digital Transmission System.

