

CRAWLER CARRIERS

Versatile and robust

The new range of electric tracked carriers by ELMA includes three robust and versatile models designed for a wide variety of professional applications.

CR15



The CR15 is the most compact and lightweight in the range, with a load capacity of 1,500 kg and an unladen weight of just 495 kg.

It is ideal for working indoors, in renovations, or on job sites with limited space. Despite its size, it offers excellent maneuverability and can handle gradients of up to 40°.

Its narrow width allows access through tight openings without compromising stability.

CR30



The CR30 offers greater loading capacity (3,000 kg) and enhanced performance in terms of stability and versatility.

With a width of only 795 mm, it delivers maximum performance in a compact size, with a top speed of 4 km/h, and 48V lithium batteries with 120 or 180 Ah capacity.

Radio remote control is standard, ensuring safe and intuitive operation in even the most demanding environments.

CR30-H



The CR30-H shares the structure and capacity of the CR30 but comes equipped with larger tracks and a wider undercarriage, making it particularly suited to rough terrain, forestry applications, or uneven surfaces.

It's the perfect choice for those needing increased traction and stability without sacrificing the benefits of electric operation and compact design.

CRD30



The CRD 30 is the ideal solution for material handling in particularly challenging terrain conditions.

It was also developed to provide support during rescue operations, thanks to its ability to overcome steep and uneven ground.

The large deck allows the transport and use of a wide range of equipment, including customized solutions, while the wide tracked undercarriage is designed to ensure low ground pressure.

Wide range of configurations

The CR tracked carriers are also available with a wide range of accessories and configurations: fixed or rotating platforms, Forestry Kit, Glass Sheet Transport Kit, and Dumper Kit, with load capacities tailored to each setup. All models are designed to be modular and easily adaptable to a variety of operational needs.



All models in the CR series are fully electric, powered by an innovative modular battery system derived from ELMA's MCX line.

This setup includes independent battery modules designed to provide uninterrupted operation even in case of partial failure: if one module stops functioning, the machine continues to run with the remaining ones.

This modular architecture significantly improves reliability, safety, and uptime on site.

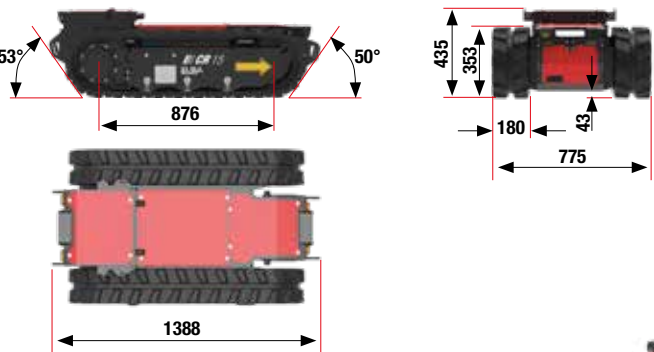
The entire range is available in the **FULL-RADIO version**



CR15 / SERIES

Compact, lightweight, tireless

- Fully electric, powered by 48V modular batteries
- Max load capacity: 1,500 kg
- Unladen weight: only 380 kg
- Width: 775 mm | Length: 1390 mm
- Ground clearance: 44 mm
- Climbable gradient: 40° (longitudinal)
- Max speed: 4 km/h
- Equipped with remote control for intuitive and safe operation
- Perfect for indoor use, renovations, and narrow-access construction sites
- Excellent maneuverability in tight spaces without compromising stability



TECHNICAL DATA		CR15
Maximum capacity	Kg	1500
Maximum longitudinal gradient	°	40°
Maximum lateral gradient	°	30°
Overall width	mm	775
Overall length	mm	1390
Track length	mm	876,5
Track width	mm	180
Ground clearance	mm	44
Maximum speed	km/h	4
Electric motor power	kW	4,4
Voltage	V	48
Lithium battery capacity (1 standard battery)	Ah	60
Lithium battery capacity (2 standard batteries)	Ah	120
Lithium battery capacity (with additional battery)	Ah	-
International Protection		IP67
Controller: radio remote control		ok
Gross weight	Kg	380

Configurations

- Forestry kit
- Glass transport kit

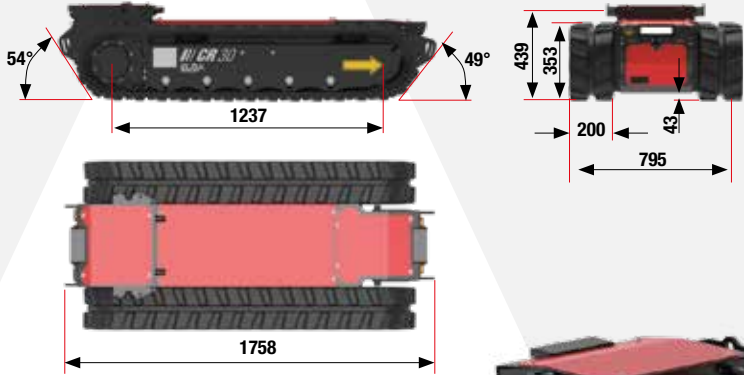
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CR30 / SERIES

A balance of versatility and performance

- Fully electric, with 48V modular batteries
- Max load capacity: 3,000 kg
- Total weight: 495 kg
- Width: 795 mm | Length: 1750 mm
- Ground clearance: 43 mm
- Climbable gradient: 40° (longitudinal), 30° (lateral)
- Max speed: 4 km/h
- Lithium battery options: 120 or 180 Ah
- Electric motor power: 4.4 kW
- Standard remote control for precise, safe operation
- Ideal for those seeking compactness and high performance even in complex working conditions



TECHNICAL DATA		CR30
Maximum capacity	Kg	3000
Maximum longitudinal gradient	°	40°
Maximum lateral gradient	°	30°
Overall width	mm	795
Overall length	mm	1750
Track length	mm	1236,5
Track width	mm	200
Ground clearance	mm	43
Maximum speed	km/h	4
Electric motor power	kW	4,4
Voltage	V	48
Lithium battery capacity (1 standard battery)	Ah	-
Lithium battery capacity (2 standard batteries)	Ah	120
Lithium battery capacity (with additional battery)	Ah	180
International Protection		IP67
Controller: radio remote control		ok
Gross weight	Kg	495

Configurations

- Dumper kit
- Dumper kit + Bucket kit
- Forestry kit
- Glass transport kit
- Lift kit

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Platforms - versions

Fixed platform

Dimensions: 165 x 74 cm
Capacity: max 3000 Kg
Weight: 190 Kg



Rotating platform

Dimensions: 165 x 74 cm
Capacity: max 3000 Kg
Weight: 190 Kg
Rotation: 180°



Modular battery sistem - detail

Modular battery set, easily replaceable and designed to ensure operational continuity even in case of malfunction of one module.

- Fast charging within 3 hours
- Long shelf life with shutdown mode
- Low-temperature operation (-35 °C) with optional integrated heater
- ECE R100/R10 certification for on-road electric vehicle applications in the EU

Plug&play system

Quick couplers for hydraulic attachments positioned at the rear of the carriers, ensuring maximum operating efficiency.



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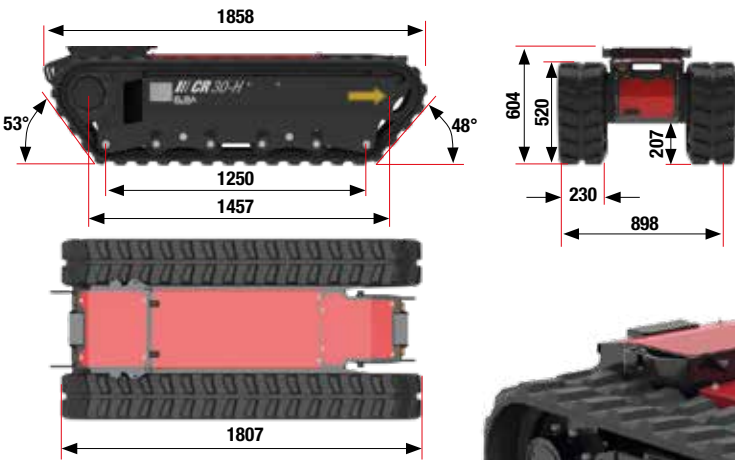
Plug&play system

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Extra strength for the toughest jobs

- Fully electric, powered by 48V modular batteries
- Max load capacity: 3,000 kg
- Total weight: 690 kg
- Dimensions: 920 mm width, 1925 mm length
- Ground clearance: 240 mm
- Reinforced tracks (1515 mm long) for greater traction and stability
- Climbable gradient: 40° (longitudinal), 30° (lateral)
- Max speed: 4 km/h
- Lithium batteries: 120 or 180 Ah
- Remote control included for full control even on rough terrain
- The ideal choice for outdoor, uneven, or forested work sites, without sacrificing compactness and maneuverability



Configurations

- Dumper kit
- Forestry kit
- Glass transport kit
- Lift kit

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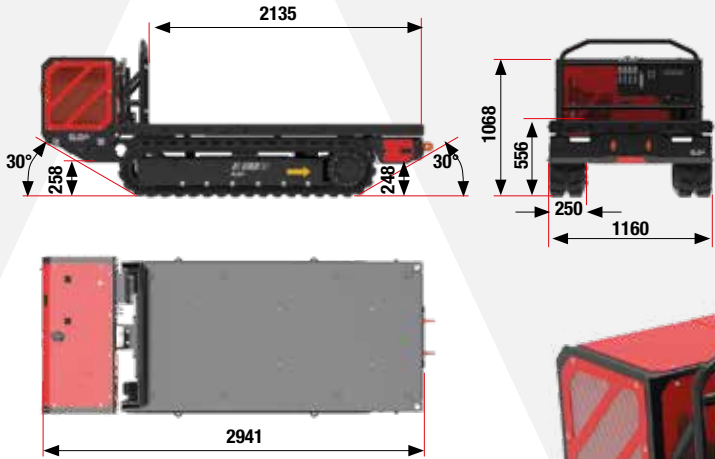
TECHNICAL DATA		CR30H
Maximum capacity	Kg	3000
Maximum longitudinal gradient	°	40°
Maximum lateral gradient	°	30°
Overall width	mm	920
Overall length	mm	1925
Track length	mm	1515
Track width	mm	250
Ground clearance	mm	240
Maximum speed	km/h	4
Electric motor power	kW	4,4
Voltage	V	48
Lithium battery capacity (1 standard battery)	Ah	-
Lithium battery capacity (2 standard batteries)	Ah	120
Lithium battery capacity (with additional battery)	Ah	180
International Protection		IP67
Controller: radio remote control		ok
Gross weight	Kg	690



The power to tackle difficult terrain

The CRD 30 is the ideal solution for material handling in particularly challenging terrain conditions. It was also developed to provide support during rescue operations, thanks to its ability to overcome steep and uneven ground.

The large deck allows the transport and use of a wide range of equipment, including customized solutions, while the wide tracked undercarriage is designed to ensure low ground pressure.



TECHNICAL DATA		CRD30
Maximum capacity	Kg	3000
Maximum longitudinal gradient	°	30°
Maximum lateral gradient	°	30°
Overall width	mm	1190
Overall length	mm	2940
Track length	mm	1550
Track width	mm	250
Ground clearance	mm	250
Maximum speed	km/h	2,5
Electric motor power DIESEL KUBOTA	kW	16
Quick couplings for powering external equipment	n°	4
Hydraulic oil tank capacity	lt	30
Diesel tank capacity	lt	15
Lithium battery capacity (with additional battery)	Ah	180
Controller: radio remote control		ok
Gross weight	Kg	1400
Quick couplings	bar l/min	200 15



Platforms - versions

Fixed platform
Dimensions: 165 x 74 cm
Capacity: max 3000 Kg
Weight: 190 Kg



Rotating platform
Dimensions: 165 x 74 cm
Capacity: max 3000 Kg
Weight: 190 Kg
Rotation: 180°



Modular battery sistem - detail

Modular battery set, easily replaceable and designed to ensure operational continuity even in case of malfunction of one module.

- Fast charging within 3 hours
- Long shelf life with shutdown mode
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- ECE R100/R10 certification for on-road electric vehicle applications in the EU

Plug&play system

Quick couplers for hydraulic attachments positioned at the rear of the carriers, ensuring maximum operating efficiency.



Versatile

Designed to handle even the most demanding tasks



Wide range of configurations

With their combination of load capacity, compact dimensions, electric power and advanced modular battery technology, the CR series represents an innovative and sustainable solution for transporting materials in construction, maintenance, landscaping, and urban work environments.

The CR tracked carriers are also available with a wide range of accessories and configurations: fixed or rotating platforms, Forestry Kit, Glass Sheet Transport Kit, and Dumper Kit, with load capacities tailored to each setup. All models are designed to be modular and easily adaptable to a variety of operational needs.



Dumper kit

Max. capacity: 1300 Kg
Volume: 420 liters
Weight: 220 Kg

available for the CR30 and CR30-H models



Forestry kit

Max. capacity:
- for the CR30 and CR30-H models:
3000 Kg
- for the CR15 model: 1450 Kg
Weight: 50 Kg
Space between holders: 153x66 cm
Holder height: 66 cm

It is necessary to combine it with a fixed or rotating platform



Glass transport kit

Max. capacity:
- for the CR30 and CR30-H models:
2875 Kg
- for the CR15 model: 1375 Kg
Weight: 125 Kg
Structure dimensions: 199x76x140h cm
Structure inclination: 10°

It is necessary to combine it with a fixed or rotating platform

Lift kit 1

Max. capacity: 990 Kg
Weight: 290 Kg
Max elevation:
186 cm (CR30 model)
206 cm (CR30-H model)

available for the CR30 and CR30-H models



Lift kit 2

Max. capacity: 490 Kg
Weight: 350 Kg
Max elevation:
305 cm (CR30 model)
325 cm (CR30-H model)

available for the CR30 and CR30-H models



Dumper kit + Bucket kit

Capacity: max bucket 100 Kg
Volume: 50 liters
Weight: 35 Kg
Excavation depth: cm -10
Lifting height: cm 161

available for the CR30 model



Additional options

The CR series is equipped with numerous additional options, such as the dolly system for transporting heavy equipment and the kit for disassembling and temporarily storing the machine's accessories.

