

WORLD PREMIERE

EN

III CR SERIES

CRAWLER CARRIERS



ELMA BY **PLATFORM**
BASKET

elma-italy.com

MADE IN ITALY

/// CRAWLER CARRIERS

CR SERIES

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 380 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.

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.

Platforms - versions



Fixed platform

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

available for the CR15 - CR30 - CR 30-H models



Rotating platform

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

available for the CR15 - CR30 - CR30-H models



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.

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.



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



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



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 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



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



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Informations

TECHNICAL DATA		CR15	CR30	CR30H
Maximum capacity	Kg	1500	3000	3000
Maximum longitudinal gradient	°	40°	40°	40°
Maximum lateral gradient	°	30°	30°	30°
Overall width	mm	775	795	920
Overall length	mm	1390	1750	1925
Track length	mm	876,5	1236,5	1515
Track width	mm	180	200	250
Ground clearance	mm	44	43	240
Maximum speed	km/h	4	4	4
Electric motor power	kW	4,4	4,4	4,4
Voltage	V	48	48	48
Lithium battery capacity (1 standard battery)	Ah	60	-	-
Lithium battery capacity (2 standard batteries)	Ah	120	120	120
Lithium battery capacity (with additional battery)	Ah	-	180	180
International Protection		IP67	IP67	IP67
Controller: radio remote control		ok	ok	ok
Gross weight	Kg	380	495	690

The entire range is available with full radio remote control



Modular battery sistem - detail

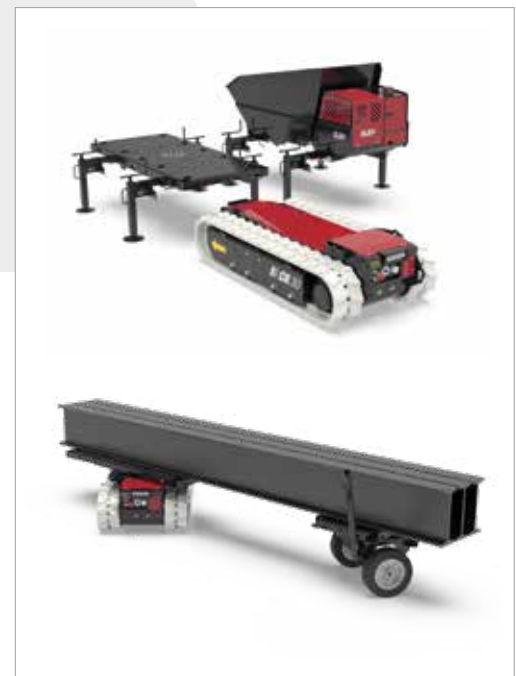
Modular battery set, easily replaceable and designed to ensure operational continuity even in case of malfunction of one module.

- 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.



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.



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