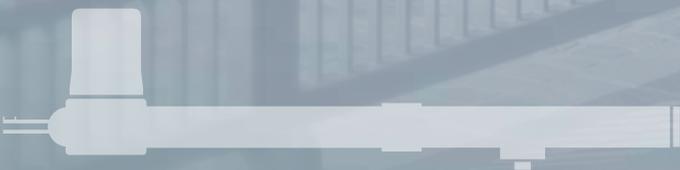


Krono

PLAIN VIEW OPERATOR
FOR SWING GATES UP
TO 5 M / 16 FT PER
GATE LEAF



CAME



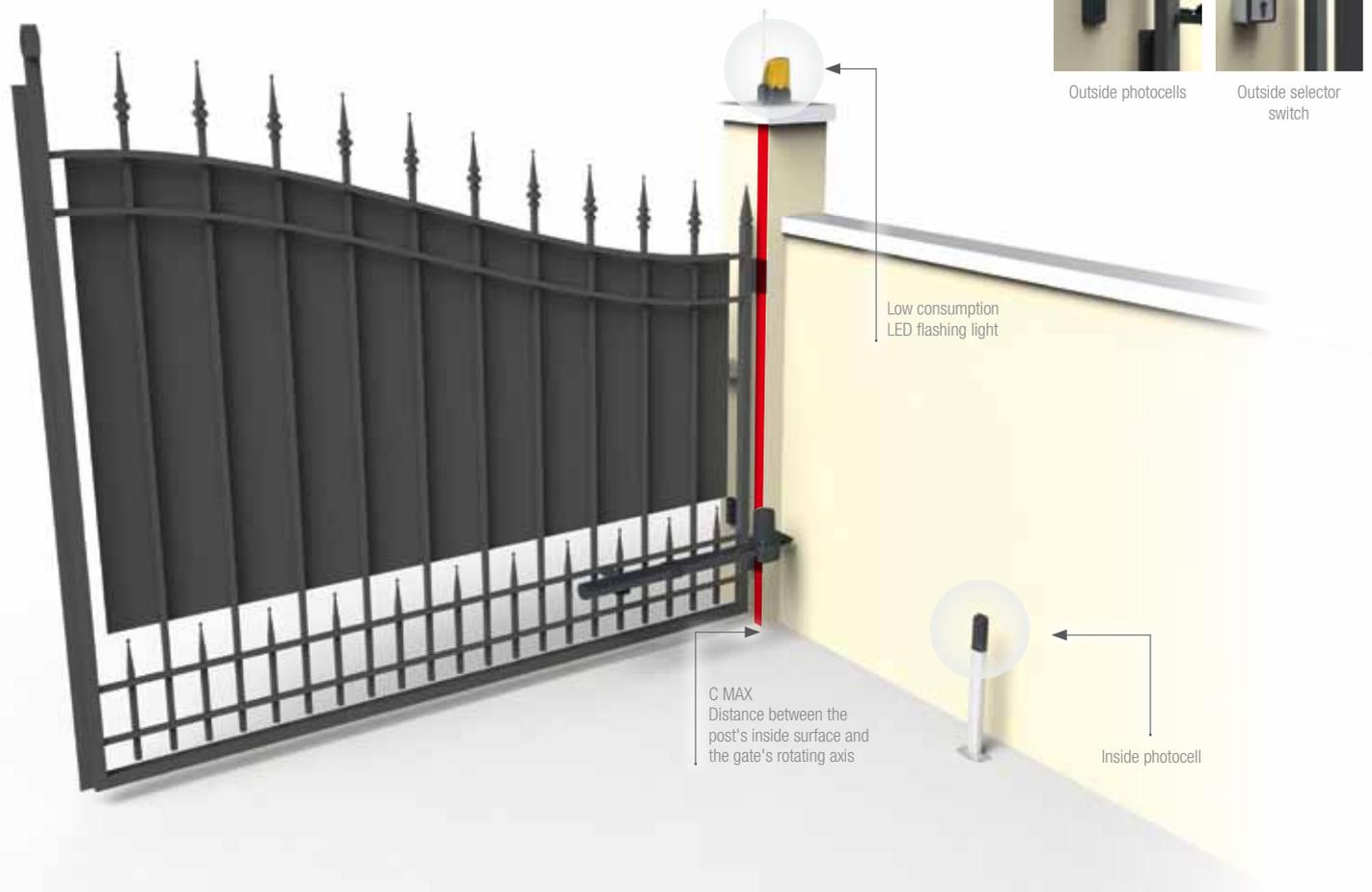
The right complement for your wrought iron gate.

Krono is the ideal solution when style and quality of materials are important. It is available in many versions, and fits on swing gates measuring between 3 m and 5 m (9.8/16 ft) per gate leaf, in length.

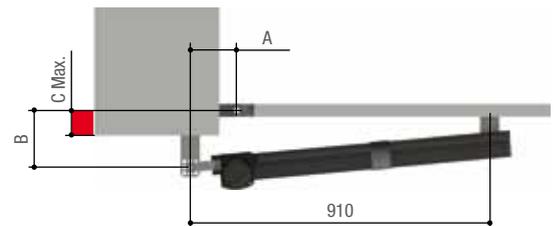
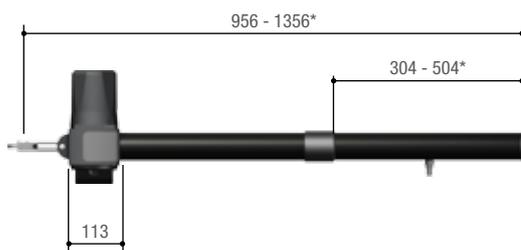


Outside photocells

Outside selector switch



Dimensions (mm)



* KR510D - KR510S

Application dimension (mm)

MODELS	KR300D • KR300S • KR302D • KR302S • KR310D • KR310S • KR312D • KR312S		
GATE LEAF OPENING (°)	A	B	C Max.
90	130	130	60
120	130	110	50

MODELS	KR510D • KR510S		
GATE LEAF OPENING (°)	A	B	C Max.
90	200	200	120
120	200	140	70

Benefits become solutions.

Read up at came.com about
the full range of Came products!

Came is a market leading home, industrial, and special technological projects automation manufacturing company.

A full range of household solutions: from operators for gates and garage doors, to shutter and awning winding motors, and even home automation control, to burglar proof and video entry systems. Technology and reliability to serve your business, thanks to solutions designed for powering large industrial doors, automatic doors, street barriers, turnstiles, access control system sand parking facilities.



PERFECT INTEGRATION

Thanks to its stem shape and special finishing, Krono is adaptable to many architectural settings, even the most challenging.

The entire operator is made up of aluminium to ensure sturdiness and durability over time. The electromechanical motor needs no periodic lubrication and is designed to always be ready for use, even in the worst weather conditions.

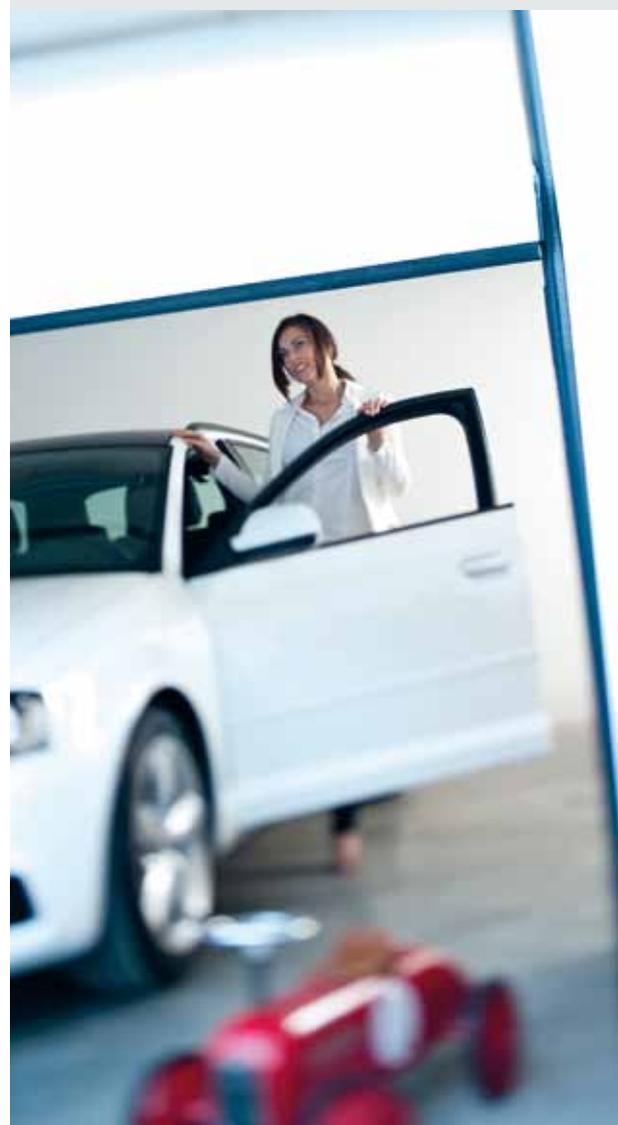


CLOSING LOCK

In case of power outages, the gearmotor is irreversible and ensure that the gate locks. If the lack of power happens when the gate is open or in movement, the practical, key-protected, mechanical release handle, lets you manually move the gate.

UNDER CONTROL OPENING

- Gate can be stopped directly by the transmitter so every phase of the gate leaf's movement is under control.
- Partial opening of the gate leaf to allow pedestrian passage.
- Display for programming features and self-diagnosis of the safety devices which are connected to the systems (only on the ZM3E), before each gate movement.





CUSTOM ELECTRONICS TO MEET YOUR NEEDS!

Krono is available in the 230 V AC version.

The table shows the main characteristics of the control panels, matched to the gearmotors.

CONTROL PANEL

	ZA3N	ZM3E
SAFETY FEATURES		
SELF-DIAGNOSING safety devices		●
WAIT obstruction		●
PARTIAL STOP	●	●
OBSTRUCTION DETECTED in front of photocells	●	●
CONTROL FEATURES		
PEDESTRIAN OPENING one gate leaf		●
PARTIAL OPENING one gate leaf	●	●
OPEN ONLY from transmitter and/or button	●	●
OPEN ONLY or CLOSE ONLY button connection	●	●
OPEN-STOP-CLOSE-STOP from transmitter and/or from button	●	●
OPEN-CLOSE-INVERSION from transmitter and/or from button	●	●
MAINTAINED ACTION	●	●
CHARACTERISTICS AND ADJUSTMENTS		
CYCLE LAMP connection	●	●
COURTESY LAMP connection		●
Contact output for 2nd RADIO CHANNEL	●	●
ELECTROLOCK/ELECTROBLOCK and/or ANTI RAMMING connection	●	●
Adjustable AUTOMATIC RECLOSING TIME	●	●
OPENING and/or CLOSING slow down		●
EMERGENCY BATTERY operation (optional)		●
Adjustable GATE TRAVEL and SLOW DOWN speeds		●*

* NOTES: only slow down speed

● 230 V AC

MODEL

MODEL	KR300D • KR300S	KR302D • KR302S	KR510D • KR510S
	KR310D • KR310S	KR312D • KR312S	
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC
Power supply to motor (V - 50/60 Hz)	230 AC	230 AC	230 AC
Draw (A)	1.1	1.1	1.1
Power (W)	130	130	130
Opening time at 90° (s)	22	18	34
Duty cycle (%)	30	30	30
Thrust (N)	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000
Operating temperature (°C / °F)	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131
Motor's heat protection (°C / °F)	150 / 302	150 / 302	150 / 302

● 230 V AC

LIMITS TO USE (MAXIMUM PASSAGE WIDTH)

2 m 6.6 ft	KR300D KR300S 800 Kg 1,770 lb	KR302D KR302S 800 Kg 1,770 lb	KR310D KR310S 800 Kg 1,770 lb	KR312D KR312S 800 Kg 1,770 lb	KR510D 1,000 Kg 2,200 lb	KR510S 1,000 Kg 2,200 lb
2.5 m 8.2 ft	KR300D KR300S 600 Kg 1,330 lb	KR302D KR302S 600 Kg 1,330 lb	KR310D KR310S 600 Kg 1,330 lb	KR312D KR312S 600 Kg 1,330 lb	KR510D 800 Kg 1,770 lb	KR510S 800 Kg 1,770 lb
3 m 10 ft	KR300D KR300S 400 Kg 880 lb	KR302D KR302S 400 Kg 880 lb	KR310D KR310S 400 Kg 880 lb	KR312D KR312S 400 Kg 880 lb	KR510D 600 Kg 1,330 lb	KR510S 600 Kg 1,330 lb
4 m 13 ft					KR510D 500 Kg 1,100 lb	KR510S 500 Kg 1,100 lb
5 m 16 ft					KR510D 400 Kg 880 lb	KR510S 400 Kg 880 lb

SOME VERSION MAY NOT BE AVAILABLE IN YOUR COUNTRY. FOR MORE INFORMATION PLEASE CHECK WITH YOUR LOCAL AUTHORIZED DEALER.

● 230 V AC



GARANZIA QUALITÀ ORIGINALE

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Came S.p.A. is Quality

and Environmentally certified by

UNI EN ISO 9001
UNI EN ISO 14001



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