

12
VOLT

AUTOMATIC BARRIER

LUXE

NEW

for booms up to 7m

800LUXE

Automatic barrier with painted cabinet for booms up to 7m, complete with built-in electronic control board, radio receiver and battery charger. Springs, boom and flashing lights must be ordered separately.

800LUXE/I

Automatic barrier with stainless steel cabinet for booms up to 7m, complete with built-in electronic control board, radio receiver and battery charger. Springs, boom and flashing lights must be ordered separately.

Features:

- commercial use
- for booms up to 7 m
- low voltage DC motor
- optical encoder technology

Pros:

- intensive use
- works even during power outage thanks to the optional backup battery
- obstacle detection and crush prevention
- in accordance with EN 12445-12543 standards

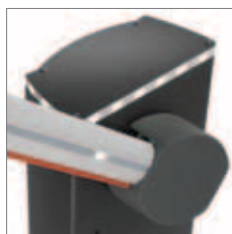
Technical features

LUXE - LUXE/I

Frequency	50 - 60 Hz
Power supply	230 V AC $\pm 10\%$
Absorbed power	250 W
Motor power supply	18 V DC
Absorbed current	10 A
Max. torque	300 Nm
Reduction ratio	1/512
Min. operating time	6 sec.
Degree of protection	IP 44
Duty cycle	100 %
Operating temperature	-20°C \div +55°C
Min. width of passage clearance	4 mt
Max. width of passage clearance	7 mt
Weight	70 Kg



The twin spring system is easily adjustable according to the length of the boom. No additional tools needed. Different models of springs available according to the features of the installation.

























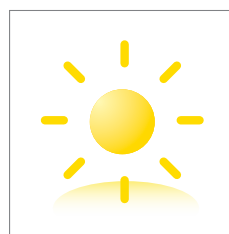
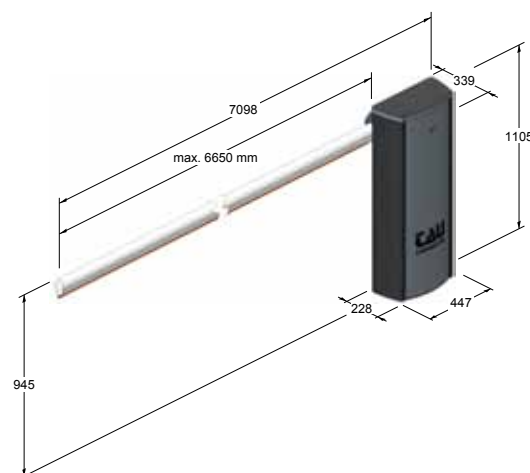
Plastic safety cover to protect the movement of the boom from shearing.



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.

Accessories

	M-0600000028 Spring wire dia. 5,2 mm, load 90 kg (green)		M-060B3060FP Spring wire dia. 6,2 mm, load 135 kg (Blue)
	M-060CITY0FP Spring wire dia. 7 mm, load 155 kg (red)		M-060LUXE000 Spring wire dia. 9 mm, load 335 kg (Yellow)
	800AE2 Elliptical white painted aluminium boom, 2 m. Flashing LED lights and rubber bead to be ordered separately		800AE3 Elliptical white painted aluminium boom, 3 m. Flashing LED lights and rubber bead to be ordered separately
	800AE4 Elliptical white painted aluminium boom, 4 m. Flashing LED lights and rubber bead to be ordered separately		800GI Joint for elliptical boom
	800RA Reinforcement insert for elliptical boom longer than 6m		800LL LED flashing lights for LUXE cabinet
	800LA4 LED flashing lights for LUXE elliptical boom, single piece 8m long		800LA8 LED flashing lights for LUXE elliptical boom, double piece 8+8 m long
	800PG4 4 m rubber bead for elliptical boom		800PG8 8m rubber bead for elliptical boom
	800AT Boom support		800FPL Pendulum boom support
	900TOWERM 10 cm side photocells mounting post		900TOWERF Photocells mounting post
	900OPTIC Set of safety photocells		800CPL Luxe counterplate
	800GA2 Aluminium bottom skirt, 2m		200BATT 12 V back-up battery, 7,2 Ah



Solar power
Thanks to the Photovoltaic (PV) Technology, every low voltage DC gate operator can be solar powered. Discover the advantages of the solar energy at page 126



Further accessories:
Transmitters page 106
Photocells page 112
Flashing lights page 115

12 VOLT

AUTOMATIC BARRIER LUXE

for booms up to 7m



300SA1
Magnetic loop detector



900T-COMM
RS485 Serial Interface to
connect two control units as
Master/Slave
(Activation though TAUPROG
handheld device)



250SM126
Memory card for 126 radio
codes



250SM254
Memory card for 254 radio
codes



250SM1022
Memory card for 1022 radio
codes

SPRING	B)		M-0600000028 (ø 5,2 mm) Color: Green RAL 6002		C)	M-060B3060FP (ø 6,2 mm) Color: Blue RAL 5003			
	D)		M-060CITY0FP (ø 7 mm) Color: Red RAL 3000		E)	M-060LUXE000 (ø 9 mm) Color: Yellow RAL 1004			
BOOM AND ACCESSORIES			BOOM LENGTH						
			4 ÷ 4,24 (m)	4,25 ÷ 4,74 (m)	4,75 ÷ 5,24 (m)	5,25 ÷ 5,74 (m)	5,75 ÷ 6,24 (m)	6,25 ÷ 6,74 (m)	6,75 ÷ 7 (m)
800AE + 800PG			B+B	B+C ¹	C ² +D	-	-	-	-
800AE + 800AT + 800PG			B+B	B+C ¹	C ² +D	D+D	D+E ¹	D+E ¹	E+E
800AE + 800FPL + 800PG			B+C ¹	C+C	D+D	D ² +E	D+E ¹	D+E ¹	E+E
800AE + 800AT + 800GA2 + 800PG			B+C ¹	C+D ¹	D+D	D+E ¹	E+E	-	-
800AE + 800FPL + 800GA2 + 800PG			C+C	D+D	D ² +E	D+E ¹	E+E	-	-

- 1 The strongest spring should always be installed on the side of the vehicle entrance
- 2 The weakest spring must always be installed on the side of the vehicle entrance

Please note that, compared to the nominal length of the boom, the passage clearance is reduced by 353 mm

Guide to choose and combine booms and accessories



	800AE4		4 m	
	800AE3	+ 800GI +	800AE2	5 m
+ 800RA +	800AE3	+ 800GI +	800AE3	6 m
+ 800RA +	800AE4	+ 800GI +	800AE3	7 m

All boom are conceived to install the protective rubbed bead (800PG4-800PG8), flashing LED lights (800LA4-800LA8), the pendulum boom support (800FPL) and the aluminium bottom skirt (800GA2, for booms up to 6 m).