AUTOMATIC BARRIER

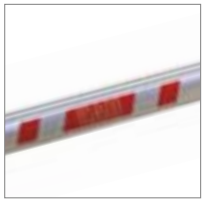
LUXE-SE

230 V | **For booms up to 3 m** | **Opening time 2,2 s**



800LUXE-SE Dx/Sx

230 V barrier kit with **3 m boom, boom fixing support and spring included**. The barrier has a painted steel cabinet and is complete with built-in electronic control unit and 433,2 MHz rolling code radio receiver.



Accessories for LUXE-S series
Page 198



Further accessories:
Transmitters page 238
Photocells page 243
Flashing lights page 246

120 VOLT AVAILABLE

Professional APP

Family app

MADE IN ITALY

FEATURES:

• residential/commercial use
• opening time 2,2 seconds
• steel cabinet protected by galvanic zinc coating and painted with epoxy powders
• pre-balanced boom and spring included
• stroke adjustment through electric limit switches

PROS:

• intensive use
• fast opening with soft start and soft stop
• ideal for busy entrances and car parks
• possibility to install photocells and flashing lights directly on the barrier cabinet
• electronic board positioned on the upper compartment for quick and easy access



PLUG & PLAY

The barrier is pre-balanced with the boom and the spring supplied and its stroke and deceleration already programmed, so it is ready to be put into operation.



RELIABILITY

The 230 Volt gearmotor and the mechanics used to move the boom are made with very high quality raw materials (steel and bronze).



ILLUMINATED CABINET (optional)

Led flashing light strip, integrated in the upper part of the barrier and combinable with the boom, to signal the movement. Also available in traffic light version (optional).

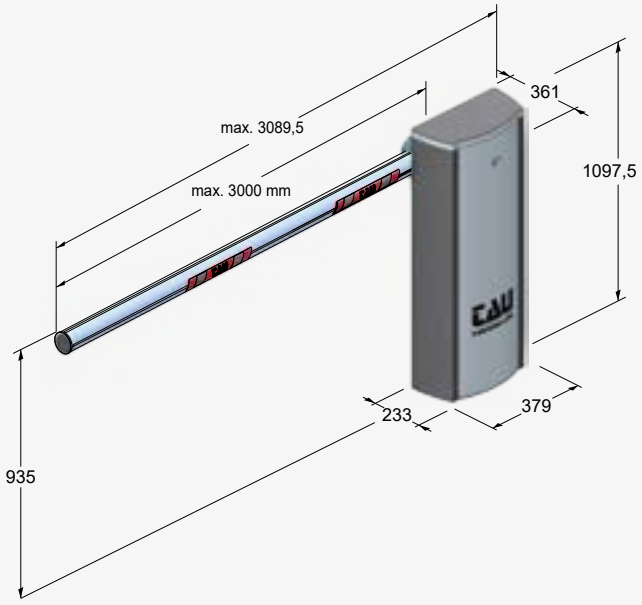


K101M

230 V control unit with integrated 433 MHz rolling code radio receiver. Set up for the use of the TauApp for adjustments and of the Tau Open for remote control via smartphone.

Technical features	LUXE-SE
Power supply	230 V AC (50-60 Hz)
Motor power supply	230 V AC
Absorption	1,2 A
Power rating	180 W
Min. opening time 90°	2,2 s
Duty cycle	120/h
Operating temperature	-20° C ÷ +55° C
Degree of protection	IP 54
Max. width of passage clearance	2,7 m
Electronic control unit	K101M
Endurance test	more than 1.000.000 opening and closing maneuvers

TECHNICAL DRAWINGS



LUXE-S ACCESSORIES

SPRINGS



M-060MGREENL
Spring wire Ø 4,2 mm, load 50 kg (light green)



M-060MGREEN
Spring wire Ø 5,2 mm, load 90 kg (green)



M-060MBLUE
Spring wire Ø 6,2 mm, load 155 kg (Blue)



M-060MRED
Spring wire Ø 7 mm, load 185 kg (red)



M-060MYELLOW
Spring wire Ø 9 mm, load 370 kg (yellow)

Springs for round booms

SPRING				
	A)	M-060MGREENL (ø 4,2 mm) Color: Light green RAL 6019	B)	M-060MGREEN (ø 5,2 mm) Color: Green RAL 6002
	C)	M-060MBLUE (ø 6,2 mm) Color: Blue RAL 5003	D)*	M-060MRED (ø 7 mm) Color: Red RAL 3000

BOOM AND ACCESSORIES	BOOM LENGHT				
	2 m	2,5 m	3 m	3,5 m	4 m
800AFI4 (LUXE-S) / 800ABT1 (LUXE-SE)	A	A	B	-	-
800AFI4 (LUXE-S) / 800ABT1 (LUXE-SE) + 800AT	-	-	B	C	D
800AFI4 + 800FPT2	-	-	-	C	C

The RBLO-E barrier is supplied as standard with the "B" spring (M-060MGREEN), suitable for booms up to 3 m. For different boom lengths or when further optionals are to be installed please order a different spring as per enclosed chart.

For boom lengths equal or greater than 3 m **it's mandatory to use** the ground boom support or the pendulum support.

Springs for elliptical booms

SPRING						
	A)	M-060MGREENL (ø 4,2 mm) Color: Light green RAL 6019	B)	M-060MGREEN (Ø 5,2 mm) Color: Green RAL 6002	C)	M-060MBLUE (Ø 6,2 mm) Color: Blue RAL 5003
	D)*	M-060MRED (ø 7 mm) Color: Red RAL 3000	E)	M-060MYELLOW (ø 9 mm) Color: Yellow RAL 1004		

BOOM AND ACCESSORIES	BOOM LENGHT				
	2 m	2,5 m	3 m	3,5 m	4 m
800AE	A	B	-	-	
800AE + 800AT	A	B	C	D	D*
800AE + 800FPL	-	-	-	D*	D*
800AE + 800AT + 800LABTSE	-	-	E	E	E

* Eyelet in max. load position.

For different boom lengths or when further optionals are to be installed please order a different spring as per enclosed chart.
For boom lengths equal or greater than 3 m it's mandatory to use the ground boom support or the pendulum support.
NOTICE: FOR THE ELLIPTICAL BOOM IS REQUIRED THE RUBBER BEAD (800PG4 - 800PG8).

WARNING: it is not possible to mount the aluminium bottom skirt

ROUND BOOM ACCESSORIES



800ABT1
Anodized aluminium round section telescopic boom Ø 75 mm, 3 m, c/w adhesive refractor strips



800SFA
Boom break-out system



800FPT2
Pendulum boom support for round boom



800AFI3
3 m anodized aluminium Ø 70 mm round section boom with red adhesive refractor stripes

800AFI4
Anodized aluminium round section boom Ø 70 mm, 4 m, complete with adhesive refractor strips



800RBLO-L041
Fixing support for Ø 75 mm round boom 800ABT. Plastic cover included

800RBLO-L052
Fixing support for Ø 70 mm round boom 800AFI. Plastic cover included

ELLIPTICAL BOOM ACCESSORIES



800RBLO-L043
Elliptical boom fixing support for booms up to 4 m. Plastic cover included



800LARG4*
LED flashing lights (red&green) for both sides of the boom. Single piece 8 m long. **(Not applicable to LUXE-SE)**



800LA4
LED flashing lights for both sides of the boom. Single piece 8 m long



800PG4
4 m rubber bead for elliptical boom



800ATE
Boom support with electromagnet



800KSFA
Break-out system for elliptical boom max 3 m. (Not usable in the presence of: 800ATE/800ATR/800AT)



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



800LABTSE
Joint for elliptical boom



800FPL
Pendulum boom support

* It is possible to programme its operation through T-WIFI + TauApp

ACCESSORIES

COMMON ACCESSORIES



800ATR
Adjustable boom support. Max. height 955 mm



800AT
Fixed boom support h 865 mm



800UL
Tri-lobed key release (to replace the existing release)



800CPLUXESM
Counterplate



900OPTIC
Set of infrared safety photocells, 12/24 V, surface mount, beam alignment adjustable up to 15°, up to 20 m range



900TOWERF
Photocell standard mounting post, painted aluminium, 49 cm, with removable cover for easy installation and photocell adjustment



900TOWERM
10 cm side photocells mounting post



300SA1
Magnetic loop detector



900T-COMM
Interface to connect two control units as Master/Slave



800LL
LED flashing lights for LUXE cabinet

800LLRG
LED flashing lights for LUXE cabinet (red&green). **(Not applicable to LUXE-SE)**



K-030KITKB20
Battery cables kit (20 pcs) (LUXE-SE excluded)



200BATT
12 V back-up battery, 7,2 Ah with cable (LUXE-SE excluded)



250S-4RP
Four-channel transmitter, rolling code technology, 433,92 MHz



250T-WIFI
Device for Wi-Fi connection 2,4 GHz to allow the smartphone to remotely control and program the control units via TauApp



250T-CONNECT
Ethernet + Wi-Fi device - to enable through Tau Open application, the use of the smartphone remotely, to open/close and check the status of the gate



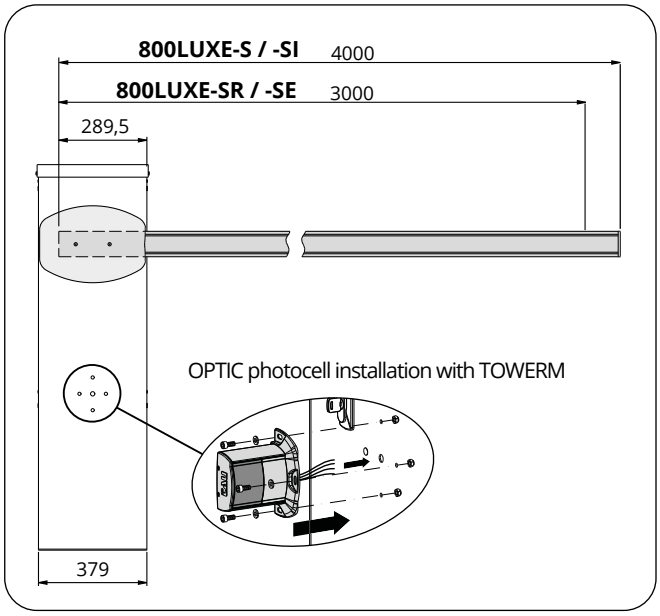
250SM126
Memory card for 126 radio codes

250SM254
Memory card for 254 radio codes

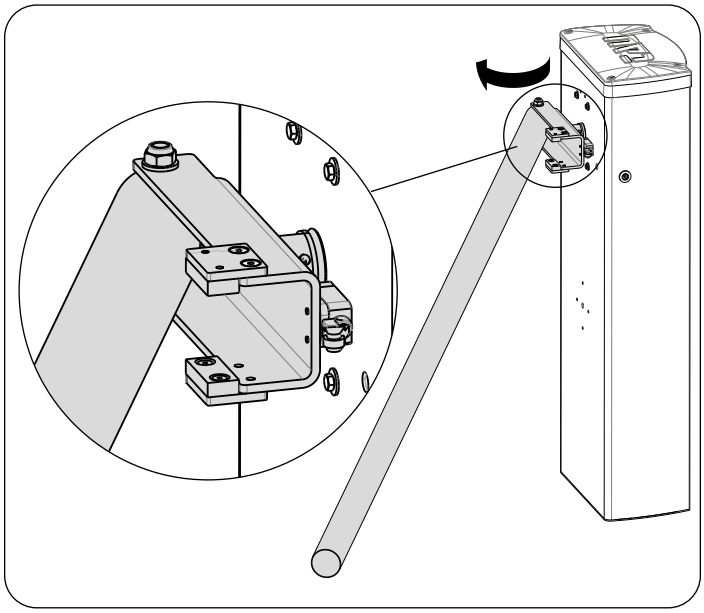
250SM1022
Memory card for 1022 radio codes

TECHNICAL DRAWINGS

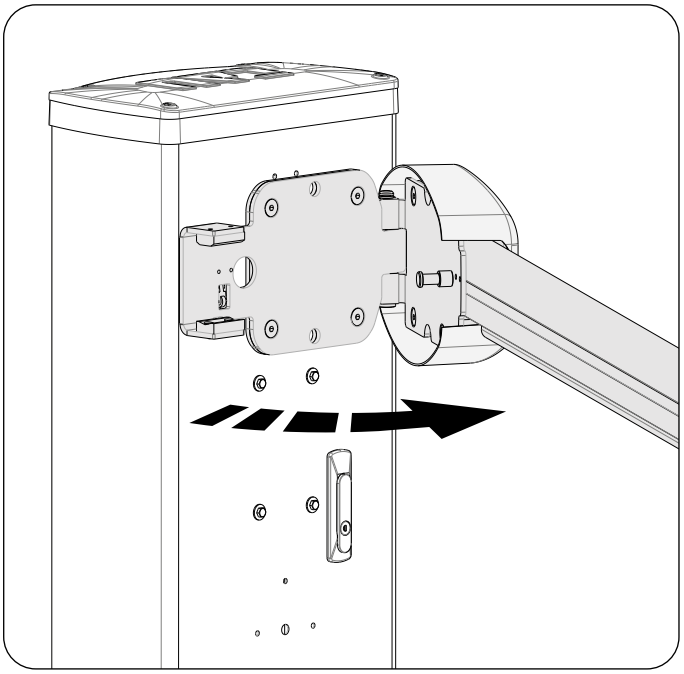
Boom length and clear opening



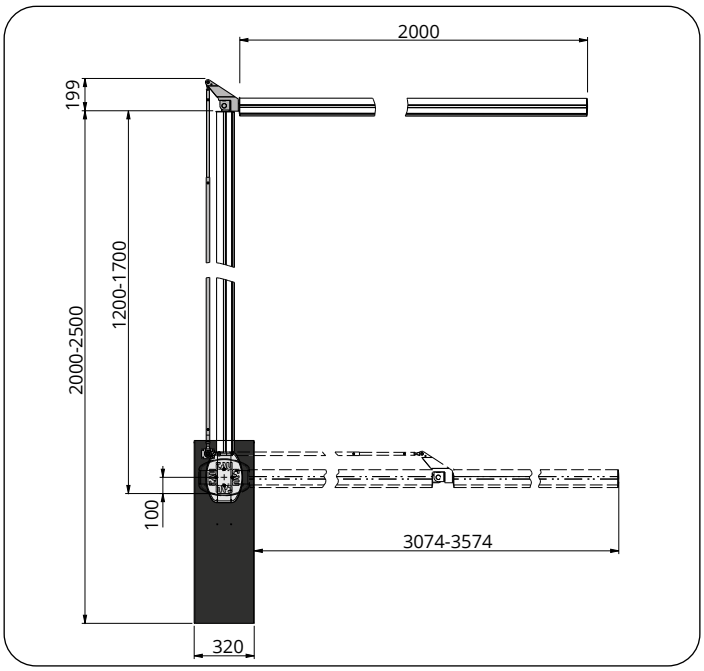
Breakout system for round boom (800SFA)



Breakout system for elliptical/round boom (800KSFA)



Articulated joint for elliptical boom



Use and maintenance manuals

LUXE-S

K206MA

K101M