AUTOMATIC BARRIER

LUXE-M

-M **-IL**

DC MOTOR | **For round booms up to 6 m For elliptical booms up to 5 m** | **Opening time 3,5 s**



800LUXE-M Dx/Sx

DC automatic barrier for round booms up to 6 m or elliptical booms up to 5 m complete with built-in control unit, 433,92 MHz rolling code radio receiver and battery charger. Painted steel cabinet. Boom, spring and boom fixing support to be ordered separately.

800LUXE-MI Dx/Sx

DC automatic barrier for round booms up to 6 m or elliptical booms up to 5 m complete with built-in control unit, 433,92 MHz rolling code radio receiver and battery charger. Stainless steel cabinet. Boom, spring and boom fixing support to be ordered separately.

Boom, spring and boom fixing support are mandatory accessories of the automatic barrier. See page 206,207,208



Accessories for LUXE-M series
Page 206



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

FEATURES:

• residential/commercial use
• opening time 3,5 seconds
• steel cabinet protected by galvanic zinc coating and painted with epoxy powders
• optical encoder technology

PROS:

• intensive use
• fast opening and closing with programmable acceleration/deceleration ramps
• ideal for busy entrances and car parks
• possibility to install photocells and flashing lights directly on the barrier cabinet
• it works even during power cuts thanks to the optional back-up battery kit
• obstacle detection and crush prevention
• in accordance with EN 12453 standards
• auto-learning of the stroke through optical encoder
• electronic board positioned on the upper compartment for quick and easy access



HIGH PERFORMANCE
The sturdiness, strength and soundlessness are guaranteed by the special game of mechanical levers made with new maintenance-free ball joints.



NO BLACK OUT
Works even during power outage thanks to the optional backup battery. Built-in battery charger comes as standard.



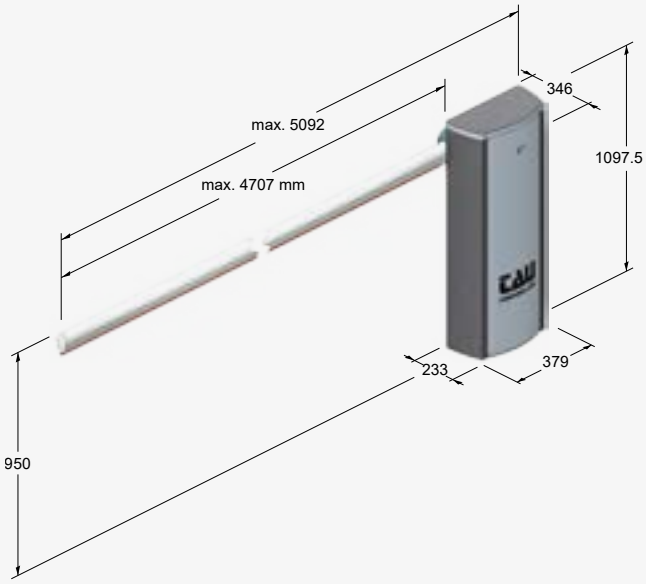
MANUAL RELEASE
Unlocking is quick and simple for any user.



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).

TECHNICAL DRAWINGS

Technical features	LUXE-M
Power supply	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC
Absorption	1 A
Power rating	250 W
Min. opening time 90°	3,5 s
Duty cycle	100 %
Operating temperature	-20° C ÷ +55° C
Degree of protection	IP 54
Max. width of passage clearance (round boom)	5,70 m
Max. width of passage clearance (elliptical boom)	4,70 m
Electronic control unit	K206MA
Endurance test	more than 1.000.000 opening and closing maneuvers



LUXE-M ACCESSORIES

SPRINGS



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)

Springs for round booms

SPRING				
	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 (LUXE-M)	BOOM LENGHT				
	4 m	4,5 m	5 m	5,5 m	6 m
800ABT2 + 800AT	B	C	C	C	D
800ABT2 + 800FPT2	C	C	C	D	D
BOOM AND ACCESSORIES (LUXE-ME)					
800ABT2 + 800AT	B	B	C	C	C

For boom lengths equal or greater than 5 m **t's mandatory to use** the ground boom support or the pendulum support.

Springs for elliptical booms

SPRING				
	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		
	4 m	4,5 m	5 m
800AE + 800PG + 800AT	B	C	D*
800AE + 800PG + 800FPL	C	D	D
800RA + 800AE + 800GA2 + 800AT	D	-	-
800RA + 800AE + 800GA2 + 800FPL	D	-	-

* Eyelet in max. load position.

For bars with useful passage exceeding 5m, it is COMPULSORY to use the 800RA reinforcement.
With mobile support (800FPL) or rack (800GA2), it is COMPULSORY to use the 800RA reinforcement.
For boom lengths equal or greater than 5 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).

ROUND BOOM ACCESSORIES



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



800FPT2
Pendulum boom support for round boom



800ABT2
Anodized aluminium round section telescopic boom, 6 m, c/w adhesive refractor strips

ELLIPTICAL BOOM ACCESSORIES



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



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



800PG8
8 m rubber bead for elliptical boom



800LABTSE
Joint for elliptical boom



800FPL
Pendulum boom support.



800ATE
Boom support with electromagnet



800RA
Reinforcement insert for elliptical boom longer than 5 m



800GA2
Aluminium bottom skirt 165 cm

800PGA2
Aluminium bottom skirt extension l = 2 m (It's mandatory to first install the 800GA2)



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

800AE5
Elliptical white painted aluminium boom, 5 m. Flashing LED lights and rubber bead to be ordered separately



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

800LA8
LED flashing lights for both sides of the boom. Double piece 8+8 m long



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

800LARG8*
LED flashing lights (red&green) for both sides of the boom. Double piece 8+8 m long.
(Not applicable to LUXE-SE)

* 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)
(Not applicable to LUXE-ME)



200BATT
12 V back-up battery, 7,2 Ah with cable
(Not applicable to LUXE-ME)



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

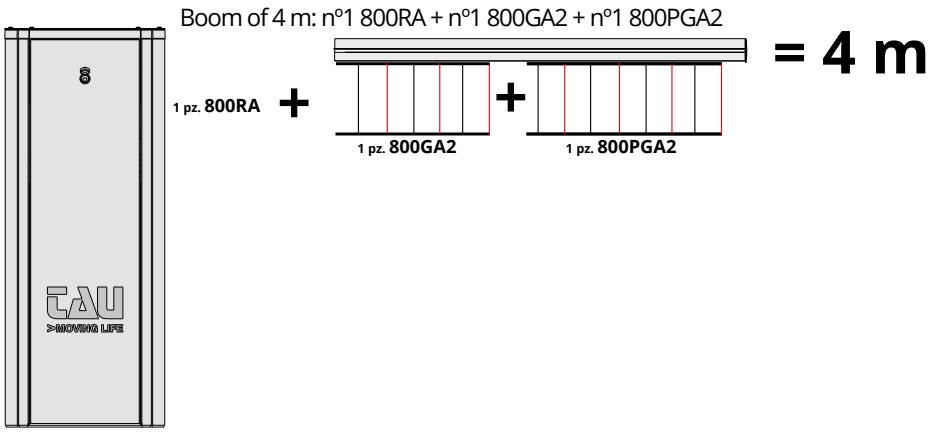


250SM126
Memory card for 126 radio codes

250SM254
Memory card for 254 radio codes

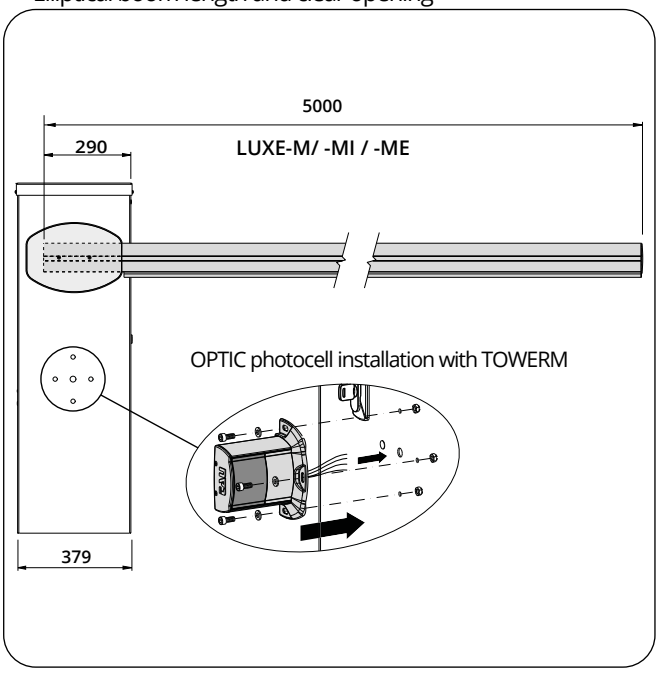
250SM1022
Memory card for 1022 radio codes

GUIDE TO THE COMPOSITION OF THE SKIRT

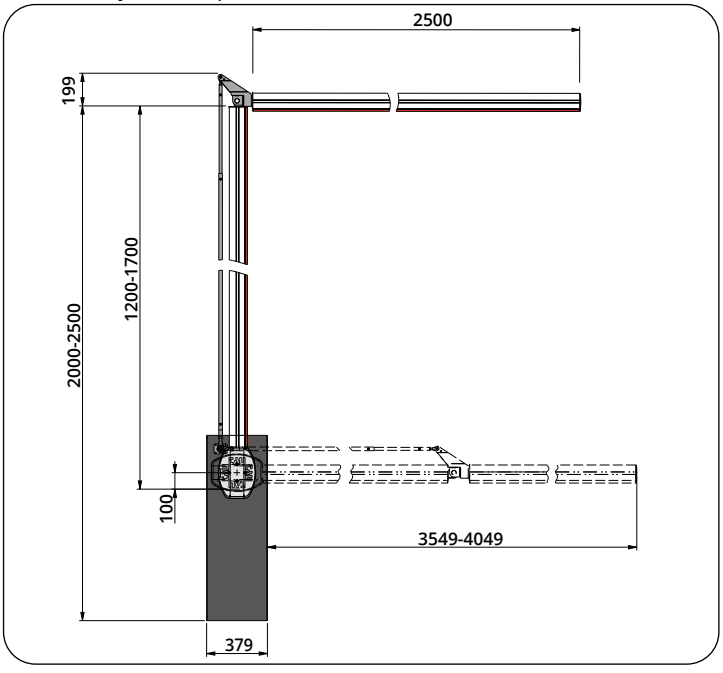


TECHNICAL DRAWINGS

Elliptical boom length and clear opening



Articulated joint for elliptical boom



Use and maintenance manuals

LUXE-M

K206MA

K101M