AUTOMATIC BARRIER
LUXE

LUXE/I
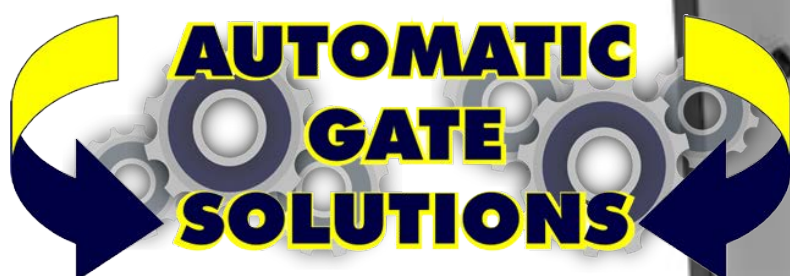
www.automaticgatesolutions.com.au

800LUXE Dx/Sx

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

800LUXE/I Dx/Sx

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

Accessories for LUXE series
Page 208

Further accessories:
Transmitters page 234
Photocells page 239
Flashing lights page 242

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 12543 standards
• auto-learning of the stroke through optical encoder

TWIN SPRING SYSTEM

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.

BLACK OUT

Works even during power outage thanks to the optional backup battery. Built-in battery charger comes as standard.

MECHANICS OF EXCELLENCE

The GS600 gear, coupled to a hardened and ground endless screw, ensures absolute strength and smoothness.

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 - LUXE/I
Frequency	50 - 60 Hz
Power supply	230 V AC ±10%
Power rating	300 W
Motor power supply	18 V DC
Absorption	2,8 A
Reduction ratio	1/512
Min. opening time	6 s
Degree of protection	IP 54
Duty cycle	100 %
Operating temperature	-20°C ÷ +55°C
Min. width of passage clearance	4 m
Max. width of passage clearance	7 m
Weight	70 kg
Electronic control unit	K206MA
Endurance test	more than 1.000.000 opening and closing maneuvers

7098
339
1105
max. 6650 mm
228
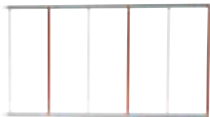447
945
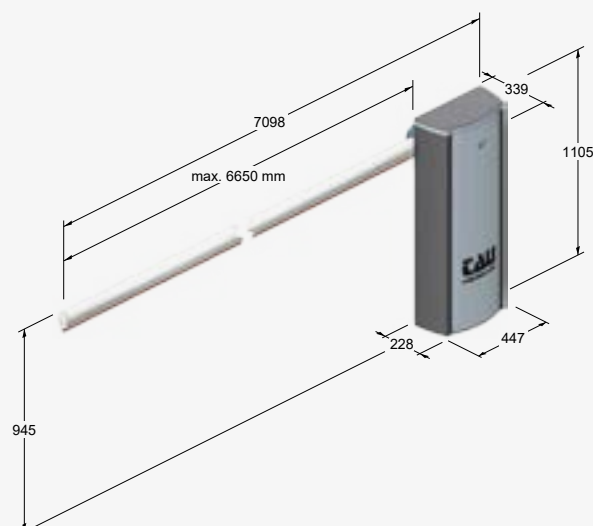
LUXE ACCESSORIES

ACCESSORIES

800ABTSE
Joint for elliptical boom (LUXE)

800FPL
Pendulum boom support

800GA2
Aluminium bottom skirt 165 cm

800PGA2
Aluminium bottom skirt extension, *l* = 2 m max. 6 m for Luxe. (It's mandatory to first install the 800GA2)

800RA
Reinforcement insert for elliptical boom longer than 5 m

800GI
Joint for elliptical boom

800PG8
8 m rubber bead for elliptical boom

800ATE
Boom support with electromagnet

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

800LL
LED flashing lights for LUXE cabinet

800LARG4*
LED flashing lights (red&green) for both sides of the boom. Single piece 8 m long

800LARG8*
LED flashing lights (red&green) for both sides of the boom. Double piece 8+8 m long

800LLRG
LED flashing lights for LUXE cabinet (red&green)

800CPL
Luxe counterplate

800AT
Fixed boom support h 865 mm

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

800ATR
Adjustable boom support. Max. height 955 mm

900TOWERM
10 cm side photocells mounting post

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

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

200KBL
Battery kit (LUXE)

250SM126
Memory card for 126 radio codes

250SM254
Memory card for 254 radio codes

250SM1022
Memory card for 1022 radio codes

300SA1
Magnetic loop detector

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

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

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

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

800LUXSFA
Boom break-out system for elliptical boom (LUXE). Max. 4 m. (Not usable in the presence of: 800ATE/800ATR/800AT)

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

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)

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

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			E) M-060MYELLOW (ø 9 mm) Color: Yellow RAL 1004		

BOOM AND ACCESSORIES	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 + 800ABTSE	B^2+D	C+C	C+C	-	-	-	-
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	B+B	C+C	D+D	D^2+E	D^2+E	-	-
800AE + 800FPL + 800GA2	B^2+C	C+C	D^2+E	D^2+E	E+E	-	-
800AE5 + 800AT + 800PG8 *	B+A^2	B+B	B^2+C	-	-	-	-

[1] **The strongest spring must be installed on the side of the vehicle entrance.**
[2] **The weakest spring must be installed on the side of the vehicle entrance.**

For booms with a clear opening of 5 or more metres the use of the reinforcement insert 800RA is MANDATORY.
With mobile support (800FPL) or rack (800GA2), it is MANDATORY 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).
solution for boom lengths between 4 and 5 m - Do not assemble the boom 800AE5 with the joint 800GI
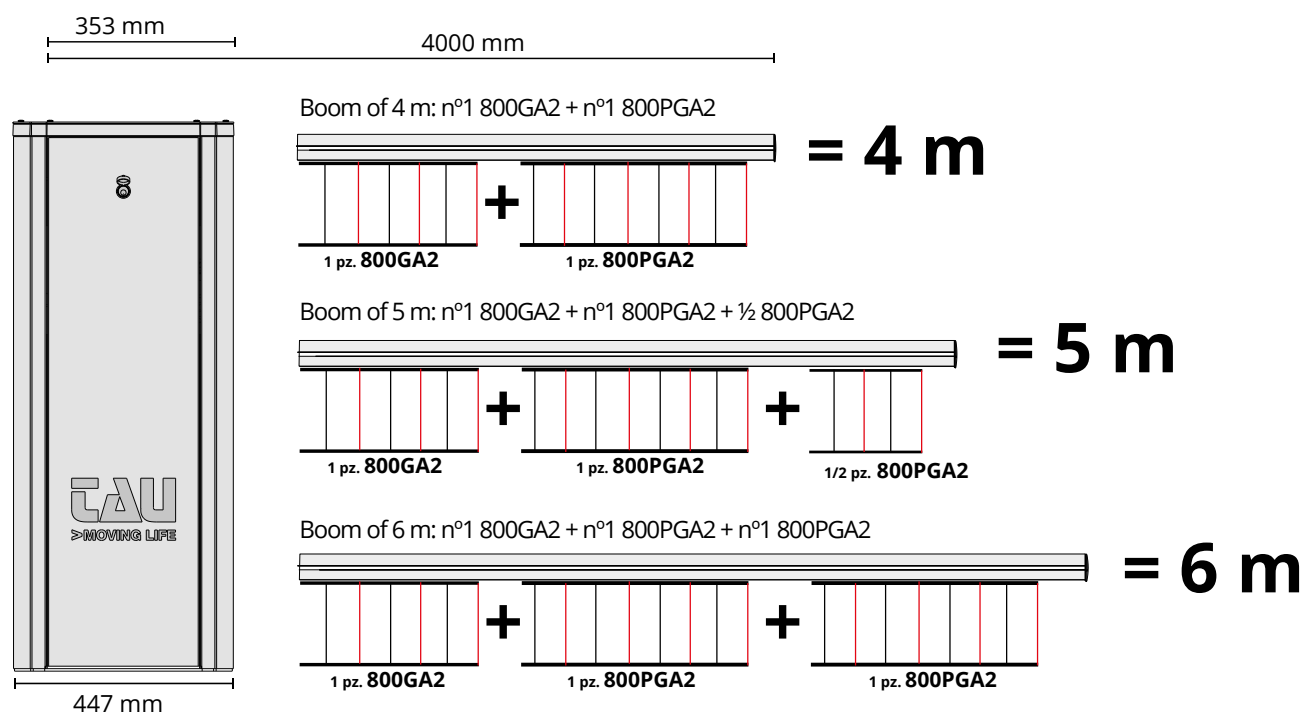
GUIDE TO CHOOSE AND COMBINE BOOMS AND ACCESSORIES

800AE4 + 800FPL + 800PG   **4 m**

800AE5 + 800FPL + 800PG   **5 m**

+ 800RA + 800AE3   + 800GI + 800AE2   **5 m**

+ 800RA + 800AE3   + 800GI + 800AE3   **6 m**

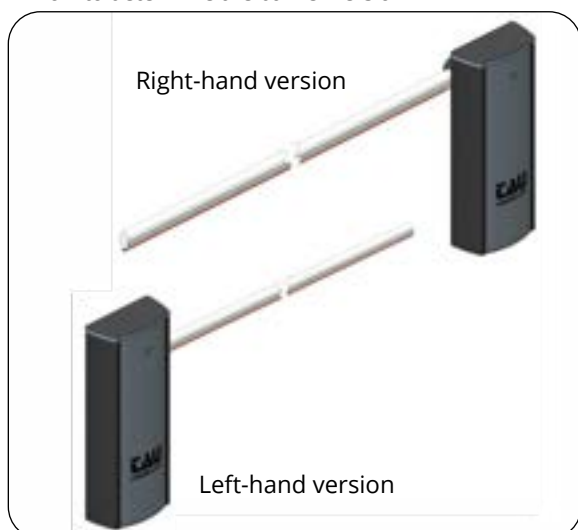+ 800RA + 800AE4   + 800GI + 800AE3   **7 m**

All the booms must be fitted with rubber bead (800PG4 - 800PG8). All the booms are predisposed for led signal lights (800LA4 - 800LA8), pendulum fork (800FPL) and aluminium bottom skirt (800GA2).

GUIDE TO THE COMPOSITION OF THE SKIRT

353 mm

4000 mm

Boom of 4 m: n°1 800GA2 + n°1 800PGA2

= 4 m

1 pz. **800GA2** + 1 pz. **800PGA2**

Boom of 5 m: n°1 800GA2 + n°1 800PGA2 + ½ 800PGA2

= 5 m

1 pz. **800GA2** + 1 pz. **800PGA2** + 1/2 pz. **800PGA2**

Boom of 6 m: n°1 800GA2 + n°1 800PGA2 + n°1 800PGA2

= 6 m

1 pz. **800GA2** + 1 pz. **800PGA2** + 1 pz. **800PGA2**

447 mm

TECHNICAL DRAWINGS

How to determine the barrier version

Right-hand version

Left-hand version

Boom length and clear opening

7000

353

447