

AUTOMATIC BARRIER

LUXE-7

LUXE-7I

DC
MOTOR

Round booms up
to 6 m and
elliptical booms
up to 7 m

Effective
opening time:
4 s



P-800LUXE-7 Dx/Sx

NEW

DC automatic barrier for round booms up to 6 m or elliptical booms up to 7 m, galvanized and painted steel cabinet, complete with control unit and 433.92 MHz rolling code radio receiver. Boom, spring, boom fixing support and LED flashing lights must be ordered separately.

P-800LUXE-7I Dx/Sx

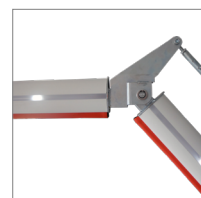
NEW

DC automatic barrier for round booms up to 6 m or elliptical booms up to 7 m, stainless steel cabinet, complete with control unit and 433.92 MHz rolling code radio receiver. Boom, spring, boom fixing support and LED flashing lights must be ordered separately.

Price and delivery times are available upon request.

Boom, spring and boom fixing support are mandatory accessories of the automatic barrier. See Page 192 - 193 - 194

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**Accessories for
LUXE-7 series**
Page 192 - 195



Further accessories:
Transmitters Page 222
Photocells Page 228
Flashing lights
Page 232



FEATURES:

- commercial use
- for booms up to 7 m
- round booms up to 6 m and elliptical booms up to 7 m
- effective opening time 0-80° from 3,2 to 4 s, depending on the type and length of the boom
- low voltage DC motor
- 16 pulses/revolution 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.



MECHANICS OF EXCELLENCE

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

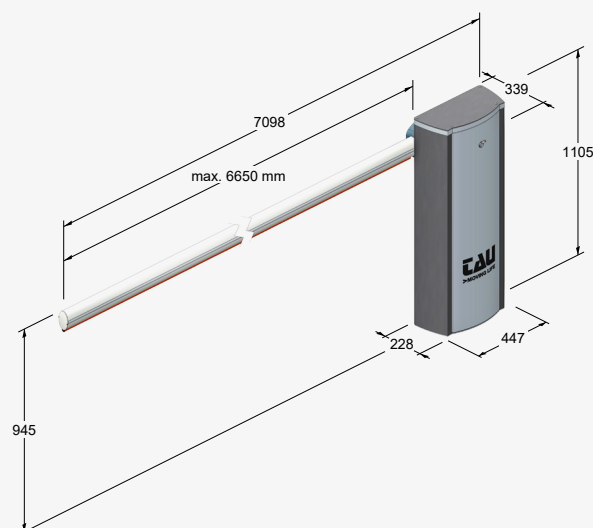


ILLUMINATED CABINET (optional)

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 features	LUXE-7 - LUXE-7I
Power supply	230 V AC (50 - 60 Hz)
Power rating	300 W
Motor power supply	24 V DC
Absorption	2,8 A
Reduction ratio	1/512
Degree of protection	IP 54
Duty cycle	100 %
Operating temperature	-20°C ÷ +55°C
Effective opening time (in seconds) 0-80°	With boom from 4 to 5 m = 3,2" With boom from 5 to 6 m = 3,4" With boom from 6 to 7 m = 4"
Weight	59 kg
Electronic control unit	K208MA
Endurance test	more than 1.000.000 opening and closing maneuvers

TECHNICAL DRAWINGS



LUXE ACCESSORIES

ROUND BOOM ACCESSORIES



P-800FATE

Fixing support for $\varnothing$ 75 mm round boom 800ABT. Plastic cover included

NEW



P-800FPT2

Pendulum boom support for round boom



P-800ABT2

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

ELLIPTICAL BOOM ACCESSORIES



P-800FAE

Elliptical boom fixing support for booms up to 4 m. Plastic cover included

NEW



P-800LA4

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



P-800LARG4

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



P-800AE2

Elliptical white painted aluminium boom, 2 m. LED flashing lights and rubber bead to be ordered separately



P-800LA8

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



P-800LARG8

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

P-800AE3

Elliptical white painted aluminium boom, 3 m. LED flashing lights and rubber bead to be ordered separately



P-800RA

Reinforcement insert for elliptical boom longer than 5 m

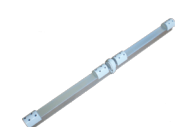


K-800ABTSE

Articulated joint for elliptical boom complete with tie boom

P-800AE4

Elliptical white painted aluminium boom, 4 m. LED flashing lights and rubber bead to be ordered separately



P-800GI

Joint for elliptical boom



P-800FPL

Pendulum boom support

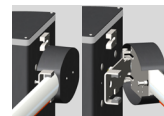
P-800AE5

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



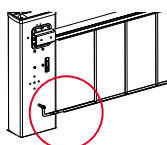
P-800ATE

Boom support with electromagnet



P-800LUXSFA

Boom break-out system for elliptical boom (P-800LUXE-7). Max. 4 m. (Not usable in the presence of: P-800ATE/ P-800ATR/ P-800AT)



P-800SGA2

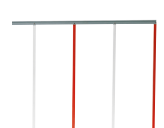
Connection kit between skirt and cabinet

NEW



P-800PG7

Mandatory rubber profile for elliptical boom, profile length 7 m



P-800GA2

Aluminium bottom skirt 165 cm

P-800PGA2

Aluminium bottom skirt extension, $l = 2$ m max. 6 m for P-800LUXE-7. (It's mandatory to first install the P-800GA2)



P-800ETCBOOM

Reflective Tau sticker kit for elliptical boom

ACCESSORIES



K-800CPL
P-800LUXE counterplate



P-800AT
Fixed boom support h 865 mm



P-900TOWERF
Painted aluminum column for photocells with 1 hole h49 cm



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



K-200KB4L
Battery charger and two backup batteries kit



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



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



P-250BLUEWAY NEW
Multi-function interface connecting TAU control units to a smartphone or PC via Bluetooth, enabling the configuration and management of control units and radio memories through TauApp 2.0



P-800UL
Tri-lobed key release to replace the existing release



P-800ATR
Adjustable boom support. Max. height 955 mm



P-900TOWERM
10 cm side photocells mounting post



P-300RPB
Microwave radar with vehicles/pedestrians detection area. Suitable for detecting obstacles or approaching vehicles/pedestrians



P-300SA1
Magnetic loop detector



P-250SM120
Memory card for 120 radio codes

P-250SM250
Memory card for 250 radio codes

P-250SM1000
Memory card for 1000 radio codes



P-250T-CONNECT
Ethernet + Wi-Fi device - to enable through Tau Open 2.0 application, the use of the smartphone remotely, to open/close and check the status of the gate

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 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	E)	M-060MYELLOW (ø 9 mm) Color: Yellow RAL 1004
BOOM AND ACCESSORIES	BOOM LENGTH			
	4 ÷ 4,5 (m)	4,5 ÷ 5 (m)	5 ÷ 5,5 (m)	5,5 ÷ 6 (m)
800ABT2	C	C	D	D
800ABT2 + 800FPL	C	D	D	D

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	BOOM LENGHT						
	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)
P-800AE + 800PG	B+B	B+C ¹	C ¹ +D	-	-	-	-
P-800AE + P-800AT + K-800ABTSE	B ¹ +D	C+C	C+C	-	-	-	-
P-800AE + P-800AT + 800PG	B+B	B+C ¹	C ¹ +D	D+D	D+E ¹	D+E ¹	E+E
P-800AE + P-800FPL + 800PG	B+C ¹	C+C	D+D	D ¹ +E	D+E ¹	D+E ¹	E+E
P-800AE + P-800AT + P-800GA2	B+B	C+C	D+D	D ¹ +E	D ¹ +E	-	-
P-800AE + P-800FPL + P-800GA2	B ¹ +C	C+C	D ¹ +E	D ¹ +E	E+E	-	-
P-800AE5 + P-800AT + P-800PG7	B+A ¹	B+B	B ¹ +C	-	-	-	-

¹ The 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 P-800RA is MANDATORY. With mobile support (P-800FPL) or rack (P-800GA2), it is MANDATORY to use the P-800RA reinforcement. For boom lengths equal or greater than 5 m it's mandatory to use the ground boom support or the pendulum support.

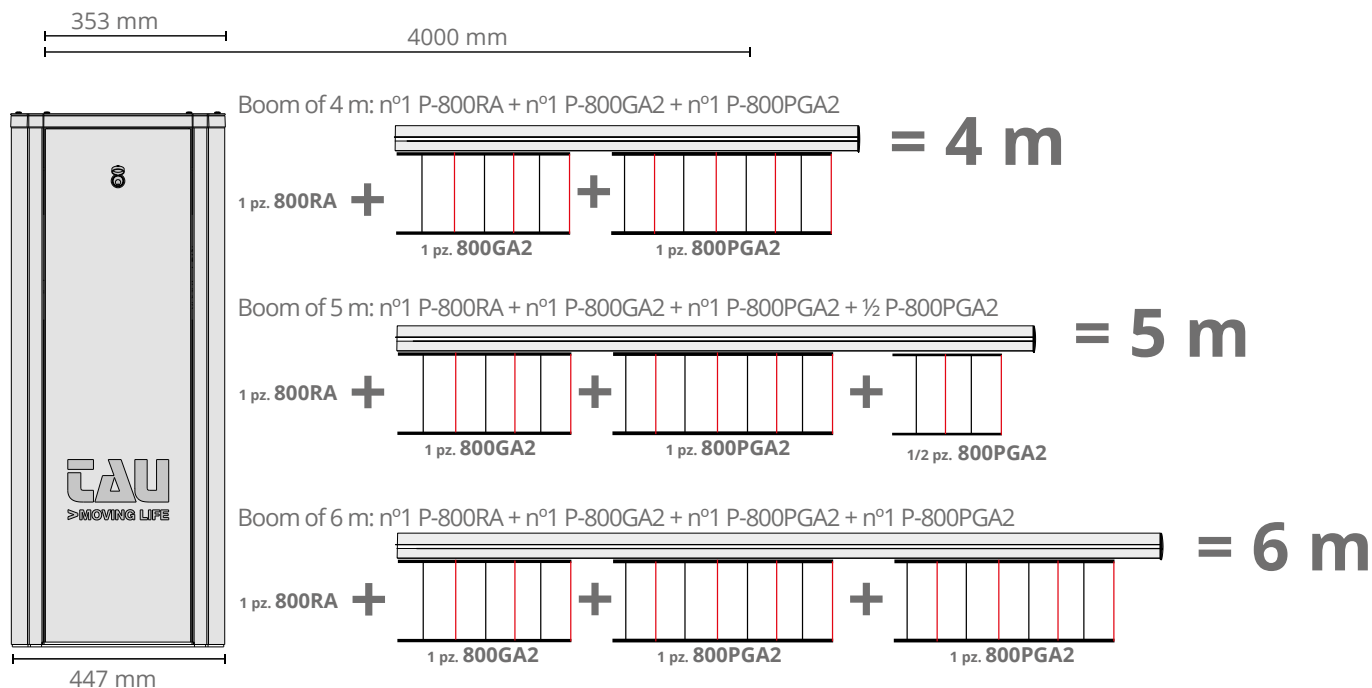
NOTICE: FOR THE ELLIPTICAL BOOM IS REQUIRED THE RUBBER BEAD (P-800PG4 - P-800PG7). solution for boom lengths between 4 and 5 m - Do not assemble the boom P-800AE5 with the joint P-800GI

GUIDE TO CHOOSE AND COMBINE BOOMS AND ACCESSORIES

			+ P-800FPL + 800PG	4 m
	+ P-800RA +		+ P-800FPL + 800PG	5 m
	+ P-800RA +		+ P-800GI +	5 m
	+ P-800RA +		+ P-800GI +	6 m
	+ P-800RA +		+ P-800GI +	7 m

All the booms must be fitted with rubber bead (P-800PG4 - P-800PG7). All the booms are predisposed for led signal lights (P-800LA4 - P-800LA8), pendulum fork (P-800FPL) and aluminium bottom skirt (P-800GA2).

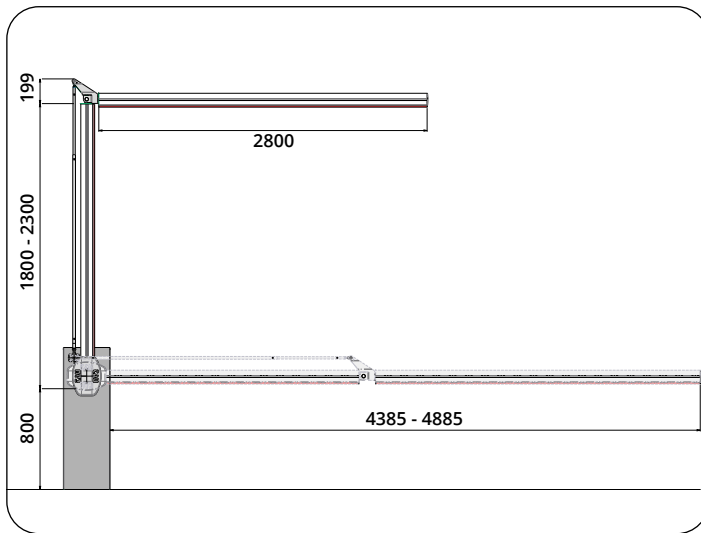
GUIDE TO THE COMPOSITION OF THE SKIRT (Left-hand version)



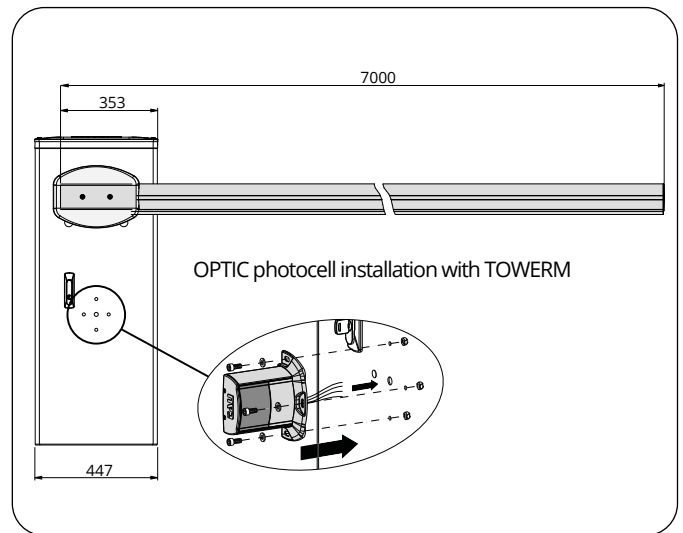
ACCESSORIES

TECHNICAL DRAWINGS

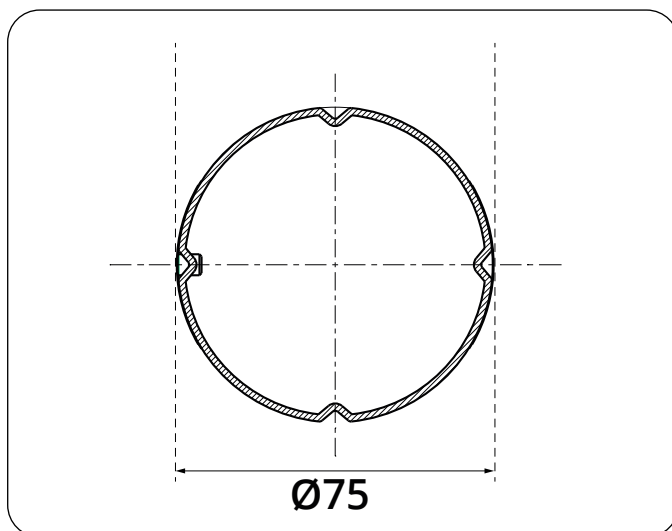
Elliptical boom length and clear opening



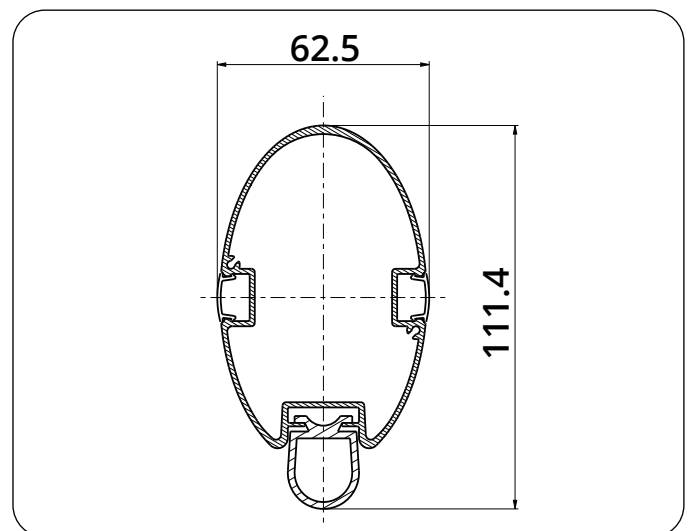
Boom length and clear opening



Section and measurements of round boom (ABT2)



Section and measurements of elliptical boom (AE)



LUXE-7: RENEWABLE ENERGY



STANDARD INSTALLATION DIAGRAM FOR ONE LUXE-7 AUTOMATIC BARRIER WITH RENEWABLE ENERGY



Standard system:

1. Automatic barrier: P-800LUXE-7
2. Foundation plate: K-800CPL
3. Spring: M-060MYELLOW
4. 3 m elliptical boom: P-800AE3
5. 4 m elliptical boom: P-800AE4
6. Joint: P-800GI
7. Reinforcement: P-800RA
8. Rubber profile: P-800PG7
9. LED light strip for boom: P-800LA8
10. LED light strip for cabinet: P-800LL
11. Fixed ground support fork: P-800AT
12. Photocells: P-900OPTIC
13. Columns: P-900TOWERF
14. Transmitter: P-250M-2RP

Standard accessories for photovoltaic system:

1. 50-watt photovoltaic panel: P-200PF40
2. Charge controller: P-200RCF
3. 12V battery: P-200BATTMFR

For an accurate photovoltaic calculation, you must download the sizing form, fill it out, and send it to service@tauitalia.com

Scan and download the form:



Use and maintenance manuals



LUXE-7



K208MA