

24/230
VOLT

AUTOMATIC BARRIER

RBLO

For round booms up to 3 m
Opening time from 1,8 to 2,2 sec.

800RBLO-R Rh/Lh



Fast 24V automatic barrier for round booms up to 3 m complete with electronic 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

Boom, spring and boom fixing support are compulsory accessories of the automatic barrier. See page 96.

800RBLO-E Rh/Lh

230V 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

Features:

- residential / commercial use
- for booms up to 4 m
- opening time 1,8 seconds (RBLO-R)

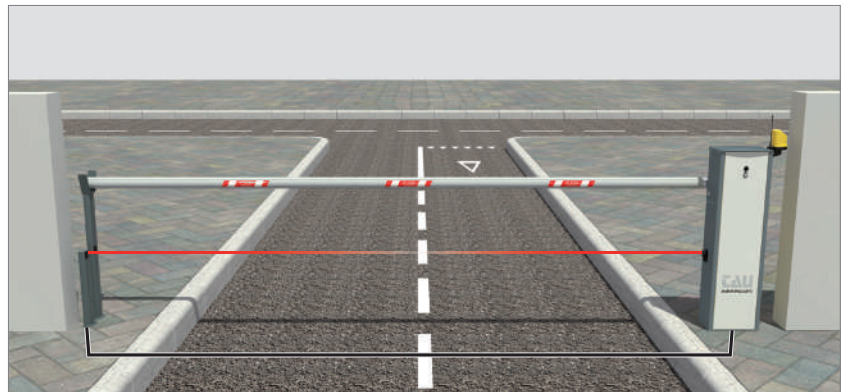
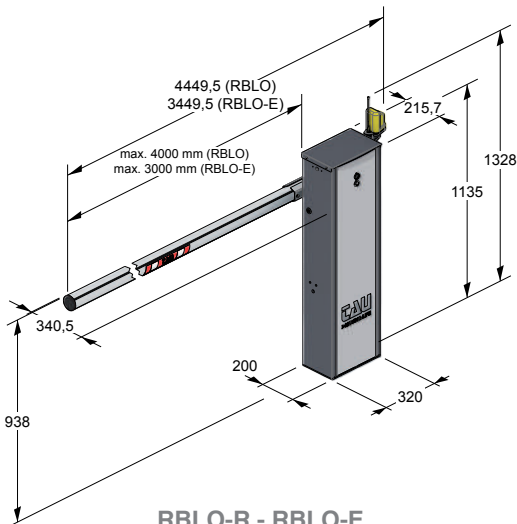
Pros:

- intensive use (RBLO-R)
- fast opening
- ideal for busy entrances and car parks
- it works even during power cuts thanks to the optional back-up battery kit (RBLO-R)
- possibility to install photocells and flashing lights directly on the barrier cabinet
- in accordance with EN 12453 standards
- self-adjusting gate stroke through optical encoder (RBLO-R)




Technical features

	RBLO-R	RBLO-E
Power supply	230 V AC (50-60 Hz)	230V AC (50-60 Hz)
Motor power supply	24 V DC	230V AC
Absorption	1 A	1,2 A
Power rating	250 W	180 W
Min. opening time 90°	1,8 sec.	2,2 sec.
Duty cycle	100 %	120/ora
Max. torque	155 Nm	160 Nm
Operating temperature	-20° C ÷ +55° C	-20° C ÷ +55° C
Degree of protection	IP 54	IP 54
Max width of passage clearance	3 m	3 m
Electronic control unit	K206MA	K101M
Endurance test	more than 1.000.000 opening and closing maneuvers	




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 12453 standards.

Round boom accessories




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




800AFI3
3 m anodized aluminium \varnothing 70 mm round section boom with red adhesive refractor strips




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



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




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




800SFA
Boom break-out system


Elliptical boom accessories




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




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




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




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




800PG4
4 m rubber bead for elliptical boom




800XABTSE
Joint for elliptical boom



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




800ATE
Boom support with electromagnet




800FPL
Pendulum boom support. For boom max 3,5 m.

Accessories for RBLO, RBLO-R and RBLO-E



800ATR
Adjustable boom support. Maximum height 955 mm


NEW



800AT
Fixed boom support h 865 mm



800CPRBL
Counterplate (RBLO)




900TOWERF
Photocells mounting post




900OPTIC
Set of safety photocells




300SA1
Magnetic loop detector




250SM126
Memory card for 126 radio codes (RBLO)




250SM254
Memory card for 254 radio codes (RBLO)




250SM1022
Memory card for 1022 radio codes (RBLO)




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



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



M-030KITKB20
Battery cables kit (20 pcs) (RBLO-E excluded)



900VLED-AT
230 V AC neutral led flashing light (RBLO-E)



900VLED
Low voltage 12-18-24 Volt neutral led flashing light

* It is possible to programme its operation through TAUPROG or TauApp handheld device

Springs



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



M-060MBLU
Spring wire dia. 6,2 mm, load
155 kg (Blue)



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



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



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

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-060MBLU (Ø 6,2 mm) Color: Blue RAL 5003	D)*	M-060MRED (Ø 7 mm) Color: Red RAL 3000

BAR AND ACCESSORIES	BAR LENGTH				
	2 m	2,5 m	3 m	3,5 m	4 m
800AFI4 (RBLO) / 800ABT1 (RBLO-E)	A	A			
800AFI4 (RBLO) / 800ABT1 (RBLO-E) + 800AT	A	A	B	C	D

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 mt. it MUST USE (compulsory) 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-060MBLU (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		

BAR AND ACCESSORIES	BAR LENGTH				
	2 m	2,5 m	3 m	3,5 m	4 m
800AE	A	A	-	-	-
800AE + 800AT	A	A	C	D	D*
800AE + 800FPL	-	-	-	D*	-
800AE + 800AT + 800XABTSE	-	-	E	E	E

* Eyelet in max. load position

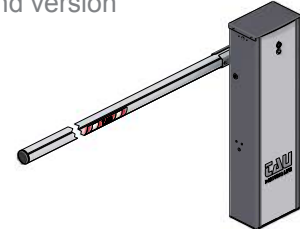
For different boom lengths or when further optionals are to be installed please order a different spring as per enclosed chart.

For boom lengths equal or greater than 3 mt. it MUST USE (compulsory) the ground boom support or the pendulum support.

ATTENTION: FOR ELLIPTIC BOOM IS REQUIRED THE RUBBER PROFILE (800PG4 - 800PG8).

How to determine the barrier version

Right-hand version



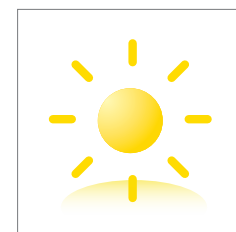
Left-hand version



Easy-to-operate, intuitive manual release with key lock for the less skilled users



Further accessories:
Transmitters page 118
Photocells page 124
Flashing lights page 127



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 138