Luxor



Automatic retractable bollard

URBACO
AUTOMATIC BOLLARDS

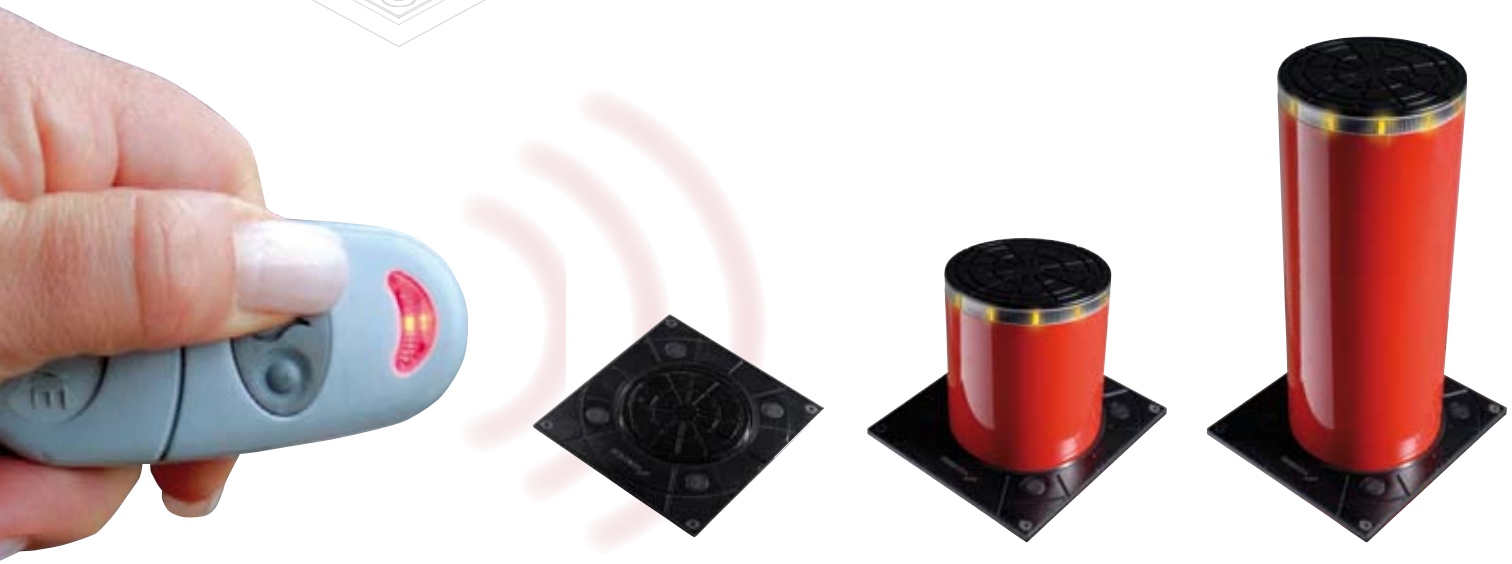
Manage, control and restrict

Modern **urban planning** requires advanced systems able to regulate both public and private vehicular flows. **Urbaco**, has always been in tune with the needs of the access control market, researching solutions which apply to the management of both private and public areas.
Special attention is paid to:

- management of urban traffic
- management and control of vehicle access
- restriction of special sensitive areas
- prevention of parking and vehicular transit in unauthorised areas.

today we have Luxor

Luxor, the newest addition to the Urbaco family is a technologically advanced product that will hold up to any challenge. It is a retractable, pneumatic bollard, developed to meet any and all requirements



Luxor:
the ideal answer

Luxor is **the ideal answer** to the requirements of heavy duty **private use and public applications**: business centres, supermarket chains, car dealerships, and historical centres where aesthetics are as important as public safety.

The movement of the Luxor pneumatic bollard is signalled by a double device consisting of: light and sound, to prevent any inadvertent impacts by pedestrians and cyclists.

The new **illuminated ring** is composed of 12 intensive bright LEDs that improve visibility of the bollard in any weather conditions, during the day or night.

The acoustic signal guarantees the safety of any pedestrians walking too close to the manoeuvring area of the bollard.

The **cast iron** design of the head is engineered to be aesthetically more pleasing to the eye when the bollard is retracted as it perfectly integrates with the pavement.

The **specially-treated coating** on the bollard's body may be ordered in any RAL colour and guarantees exceptional steadfastness even under the most extreme weather conditions.

In those areas that need to provide vehicle traffic control, there is also an **environmental protection** issue to cut down on exhaust fumes.

Luxor is environmentally friendly! **Luxor** features **a high level of technological content** which also provides **Urbaco's traditional reliability** and an **optimal price-quality ratio**.



Impact resistant illuminated ring

A truly new feature on Luxor is the impact resistant illuminated ring!
This device which signals movement of the bollard may be installed at a later stage. It makes the bollard perfectly visible, in any weather conditions. It must be present if the bollard is installed in populated public areas where any distraction could lead to crashing against a moving bollard.

The acoustic signaller makes the **illuminated ring** even more complete and exclusive because it adds an element of safety in case the bollard is not seen by pedestrians. The **illuminated ring**, besides being a safety device also adds an element of décor, improving the look of the bollard.



2 great innovations

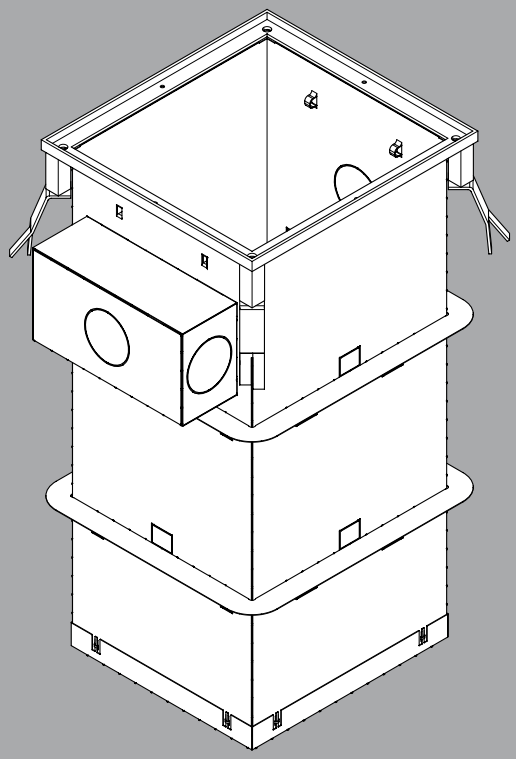
How does the illuminated ring work?
12 intensive bright LEDs radiate light from the centre outwards through 12 transparent pvc channels. **The great innovation…** this lighted warning feature is engineered so as to not be damaged and **still work even after being subjected to an impact**. In fact, thanks to the LEDs being placed inside, even after quite a serious impact, the LEDs are never damaged since they are protected within the centre of the bollard.

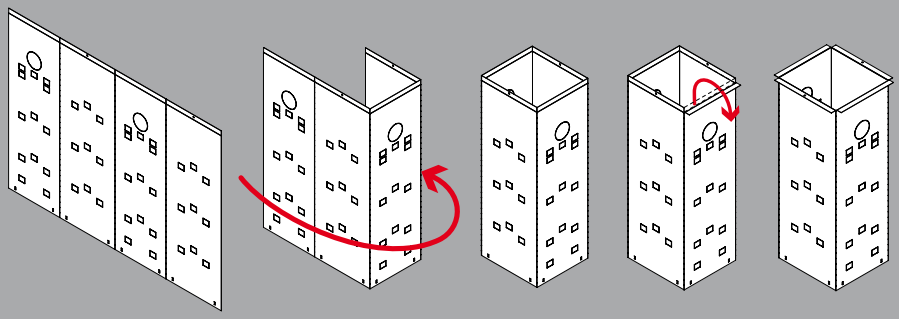




Foldable foundation box

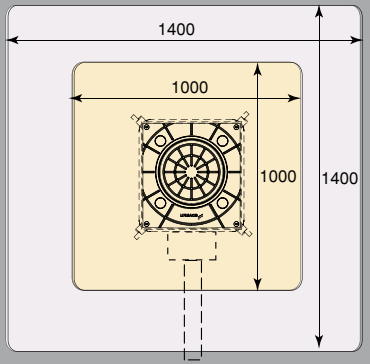
Fewer shipping costs, ease of transport and application, extremely durable, these being just a few of the advantages of Luxor's foldable foundation box. A foldable foundation box that is assembled on site in just 10 minutes! It is made of 10/15 galvanised steel sheeting and is made to be quickly and practically installed thanks to its reduced weight. Another Urbaco idea, something new that we have thought up to save you time and space.

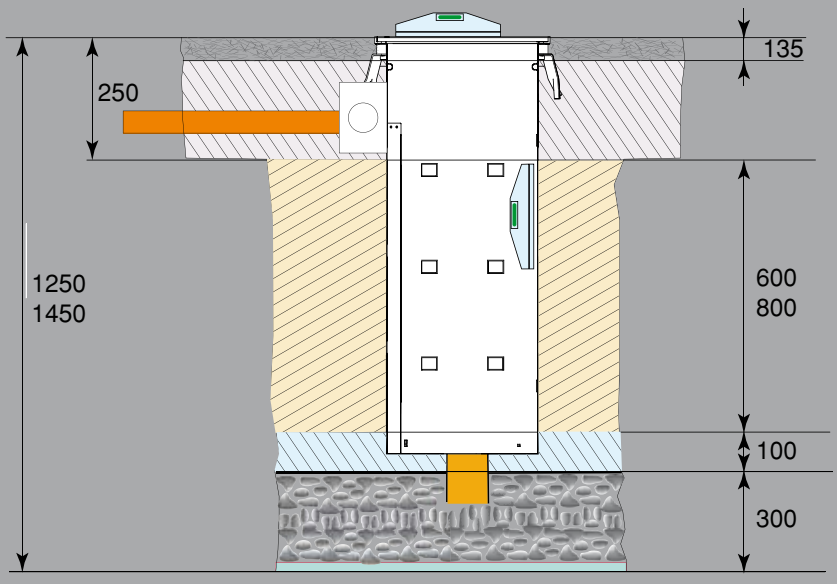




Installation

The drawings below, show the relative underground dimensions of the hole's perimeter and depth.





Unmatched technological know-how

Luxor is about 20 years of technological know-how comprised in an elegant and refined design. The new series of automatic pneumatic bollards offers 6 models (2 different heights and 3 different diameters). With this new creation, Urbaco completes its range of automatic bollards and establishes itself as market leader, also thanks to the breadth and extent of the range.

20 years' experience

BOLLARD
Diameter: 200/270/320 mm
Height from the ground: 600/800 mm
Thickness: 6 mm
Material: HLE Carbon steel

COVER AND HEAD
GJS 500 SG iron, treated to withstand environmental agents.

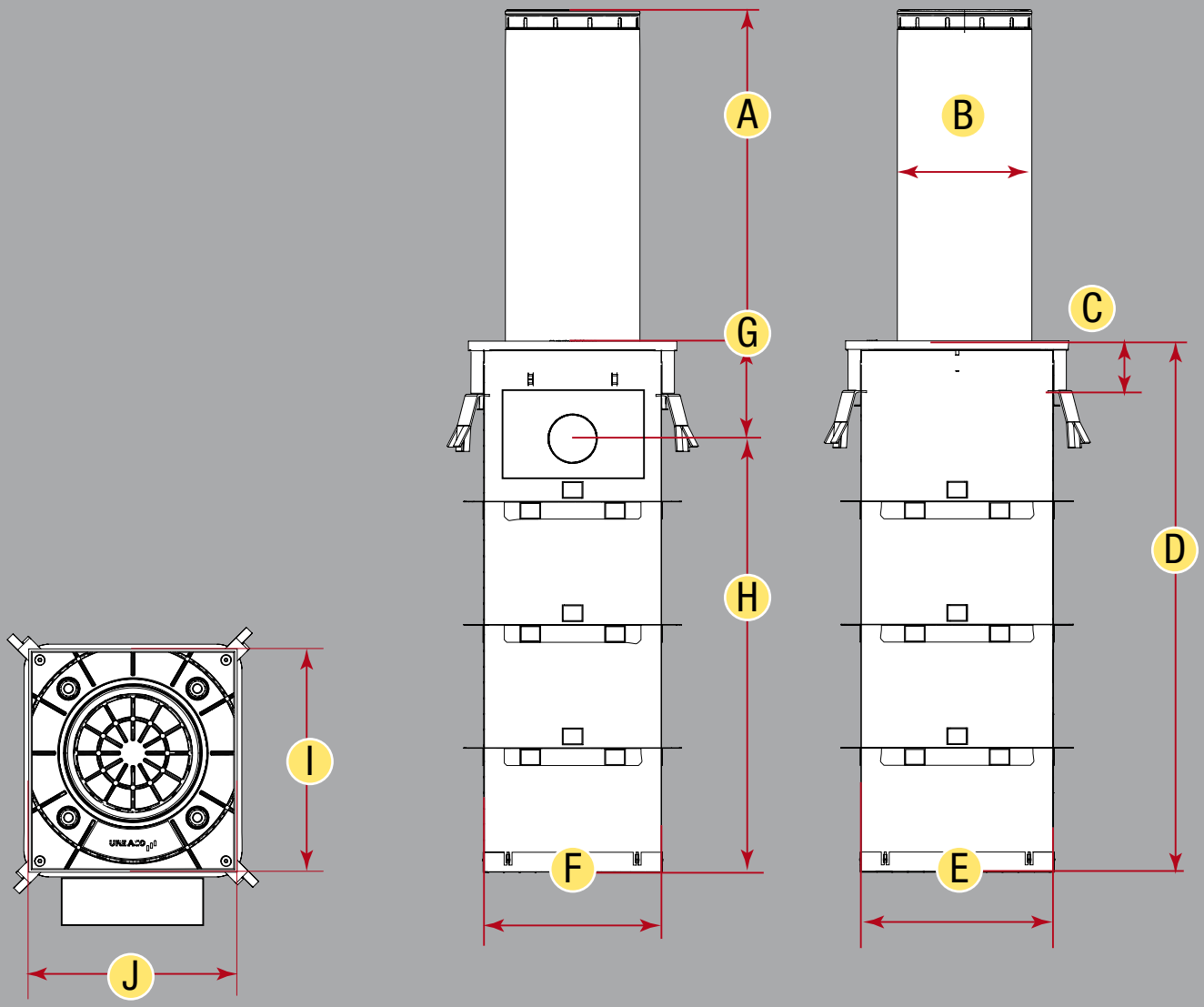
FOUNDATION BOX
Folding foundation box in galvanised steel sheeting, assembled on site which making transport easier.

STANDARD ACCESSORIES-
Highly-luminous LED illuminated ring with acoustic warning device.

OPTIONALS
• Special kit of tamper-proof screws that can be removed only using a specially supplied key
• The bollards are supplied in the standard "Urbaco red" colour. By special request we can supply bollards in any colour.

QUALITY
Vertical thrust from 1500 to 1918 N
Parts resistant to galvanic currents
Low maintenance costs
Overall weight of the bollard: from 68 kg to 101 kg

6 different models



DIMENSIONS OF THE BOLLARD (see drawing)

	BPLUXE60	BPLUXF60	BPLUXG60	BPLUXE80	BPLUXF80	BPLUXG80
A	600	600	600	800	800	800
B	200	270	320	200	270	320
C	85	85	85	85	85	85
D	878	878	878	1078	1078	1078
E	393	393	413	393	393	413
F	363	363	383	363	363	383
G	197.5	197.5	197.5	197.5	197.5	197.5
H	680.5	680.5	680.5	880.5	880.5	880.5
I	452	452	473	452	452	473
J	422	422	443	422	422	443

New command centres

The **Luxor bollard** is engineered to connect up to the new Urbaco command centres, **in both standard or plus configurations**, especially designed for retractable, pneumatic bollards. Extremely **versatile**, they allow for managing several systems' configurations. They are protected by a rust-proof treated steel cabinet, and are thus suitable for any weather conditions.

Two models are currently available:
- **Standard** configuration **(CC6U200PRR)**
- **Plus** configuration **(CC6U200PRS)**

800 x 600 x 300 mm



Standard / Plus





Solution featuring thermal insulation and sound proofing upon request

The standard issue on the new command centres include:

'Standard' Version**:**

- New 800 x 600 x 250 (mm) varnished steel cabinet
- Control panel
- Intensive use compressor
- Air supply rated up to 10 litres with safety valve
- Fitted to take metallic mass detectors
- Central pre-cabling
- Built-in radio receiver
- Pressure switch, safety valve and gauge
- 2 bi-channel transmitters
- Managing endstops

'Plus' Version**:**

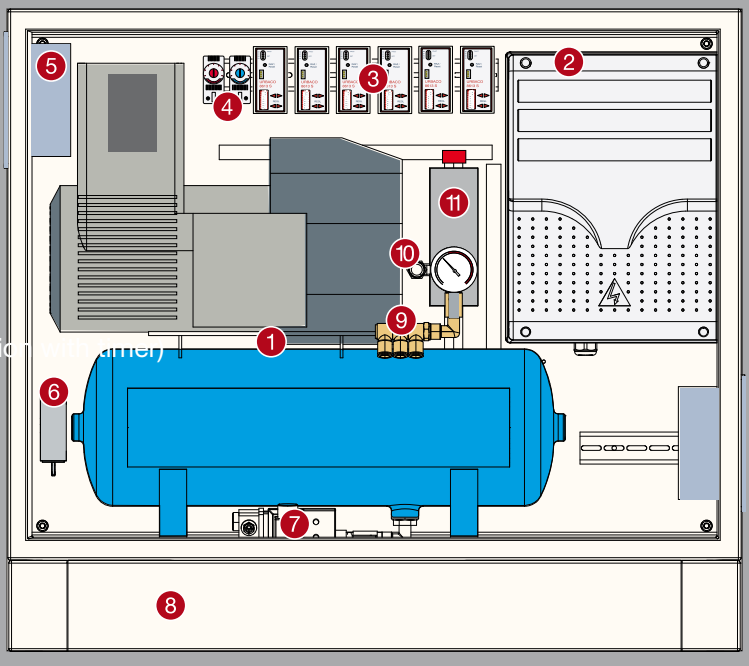
Features the same content as the "Standard" version, plus

- Thermal insulation and sound proofing

The standard issue may be complemented with the following optional accessories:

- Automatic condensation release valve
- Additional electronic card enables supplementary access control (up to 3 accesses for each Plus command stations)
- Thermostat and heating element
- Ventilation kit for intensive duty
- Floor securing bracket

Plus configuration scheme



1. Intensive use compressor unit
2. Control panel
3. Fitted to take metallic mass detectors
4. Cold/Hot Thermostat
5. Ventilation kit for intensive duty (optional)
6. Heating device (optional)
7. Automatic condensation release valve (optional version with drainer)
8. Floor securing bracket
9. Connecting the Ø10mm air tube to the bollards
10. Manual reserve release valve
11. Pressure valve

(Technical centre) Pneumatic performances

Max no. of Luxor bollards operated simultaneously by a single technical centre

Max no. of bollards	Ø 200	Ø 270	Ø 320
h 600	8	7	6
h 800	6	5	4

Max no. of manoeuvres per hour

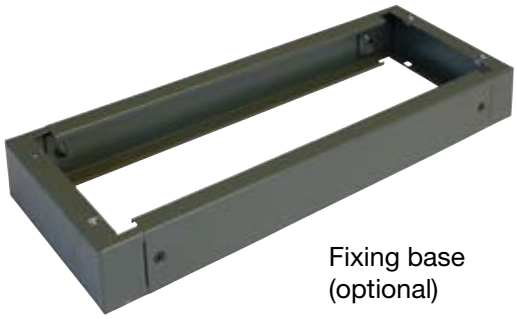
Max no. of bollards	Ø 200		Ø 270		Ø 320	
	h 600	h 800	h 600	h 800	h 600	h 800
1	100	70	100	70	10	70
2	45	35	45	35	45	35
3	30	24	30	24	30	24
4	24	18	24	18	24	18
5	18	14	18	14	18	-
6	16	12	16	-	16	-
7	14	-	14	-	-	-
8	12	-	-	-	-	-

Minimum time between two consecutive actions (s)

Max no. of bollards	Ø 200		Ø 270		Ø 320	
	h 600	h 800	h 600	h 800	h 600	h 800
1	35	50	35	50	35	50
2	80	104	80	140	80	104
3	120	150	120	150	120	150
4	150	190	150	190	150	190
5	190	260	190	260	190	-
6	225	280	225	-	225	-
7	250	-	250	-	-	-
8	300	-	-	-	-	-

Components and accessories

Control unit accessories



Fixing base
(optional)



Assembly of the automatic drainage with timer
(optional)
COPURA-LUX



Heating unit (optional)
COKCHGT-LUX

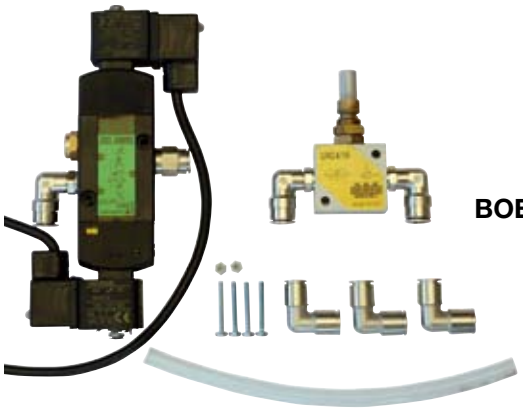


Cooling fans
(optional)
COVF-LUX

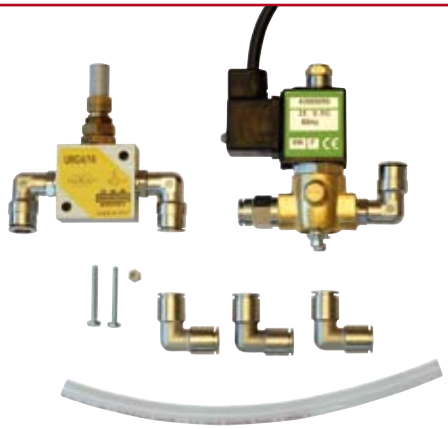
Bollard accessories



Disposable case made of galvanised 10/10 steel sheeting
BOCOF



BOEVB-LUX



BOEVP-LUX



Kit for connecting 1 BEA Luxor:
25m of air flexible
+ 25 m cable
+ 1 T joint
+ 4 L joints
KITBEA-LUX

Retractable bollards



Removable posts and bollards



Fixed posts and bollards



Access control unit



Utilities dispenser unit



Urban décor



The Urbaco range

Urbaco is a world leader in the access control market thanks to its retractable bollards. The firm is continuously developing to meet the numerous and prestigious orders worldwide. It delivers Quality certified guaranteed technology. Besides its global products, systems and solutions, Urbaco, along with its partners and collaborators, is committed to further developing its range of services (including research and development, after sales service and maintenance) and best honour the trust its clients have placed in the firm.

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