



ONE50



URBACO

Known the world over for having invented the retractable bollard, Urbaco stands for topnotch technology to make the space around you more liveable and comfortable. With Urbaco you can organise and modify traffic flows and even cut back on environmental pollution. Our product range brings you high-quality performance and unmatched aesthetic accuracy, so the elements you choose always fit perfectly into any context, whether historical or modern. Urbaco is continually developing, and boasts a capillary network of partners and collaborators to quickly, efficiently and competitively meet our clients' requests. From estimate to installation, from maintenance to after-sales assistance. It's about providing intelligent service and solutions.

URBACO, a CAME GROUP company.

ISO 9001
ISO 14001
BUREAU VERITAS
Certification



ONE50

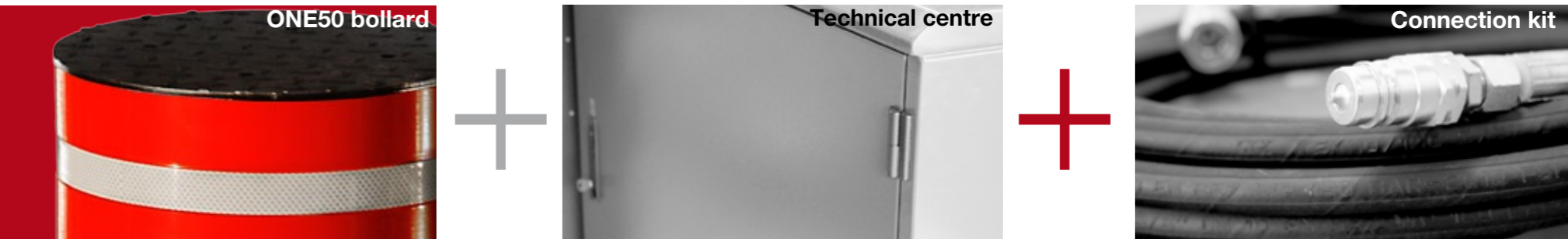
The ONE50 hydraulic bollard is designed to protect sensitive areas where the need for security of buildings and people is crucial. A single ONE50 bollard has been duly crash-tested under provision of ASTM2656 M50 Standard. **It efficiently withstands the front impact of a 6.8 Ton vehicle travelling at 50 mph (80 km/h).** ONE50 is designed to protect sensitive sites, manage and regulate traffic in strategic access points.

Applications



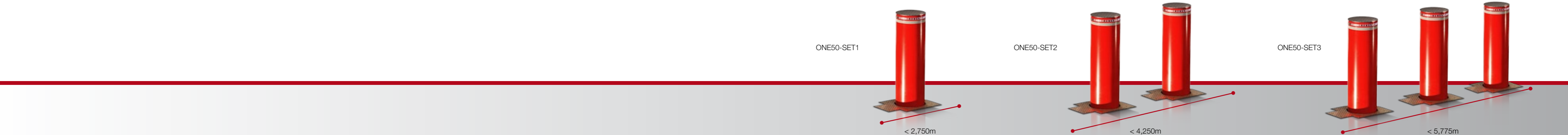
- • **Government buildings**
 - • **Ports**
 - • **Embassies**
 - • **Consulates**
 - • **Nuclear plants**
- • **Banks**
 - • **Military facilities**
 - • **Prisons**
 - • **Airports**
 - • **Public buildings**

Composition of a set



| Reference | Width of the access to secure | ONE50 bollard | Technical centre dimensions | Connection kit |
|------------|-------------------------------|---------------|-----------------------------|----------------|
| ONE50-SET1 | <2.750m | 1 | 1100 x 800 x 420 | 1 |
| ONE50-SET2 | <4.250m | 2 | 1100 x 800 x 420 | 2 |
| ONE50-SET3 | <5.775m | 3 | 1100 x 1000 x 650 | 3 |

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[The solution
ONE50]



Model

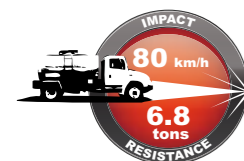


Retractable



Characteristics

- Ø325mm
- H1000mm
- 1150kg (total weight)
- 560kg (bollard head)
- Hydraulic power-drive
- Working pressure : 45 bars
- Operating temperature from -20°C to +70°C
- Rising time 5.3s
- Lowering time from 3 to 6s (depending on weather conditions)
- Electric protection rating : IP67



THE URBACO+ ADVANTAGES

- High impact resistance
- One bollard that stops a 6.8t truck running at 50mph
- Certified to ASTM F-2656 M50 standard*
- Compatible with SYGMA II, URBACO centralized management software

* Equivalent of the DOS and PAS68 standards



Finishing

- Oven-hardened zinc primer coat for reinforced corrosion resistance and improved adhesion for top coat
- Matt-finish thermosetting polyester powder coating

Colors



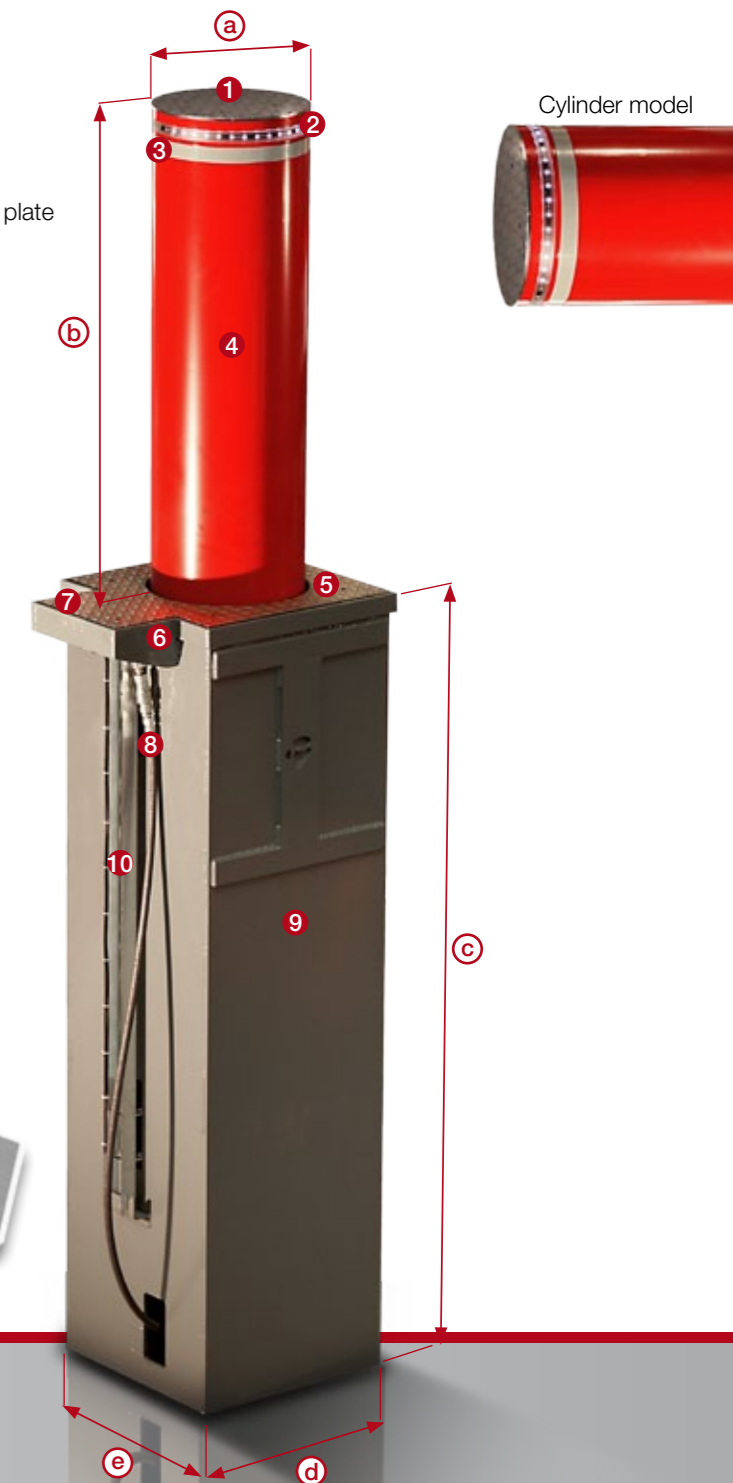
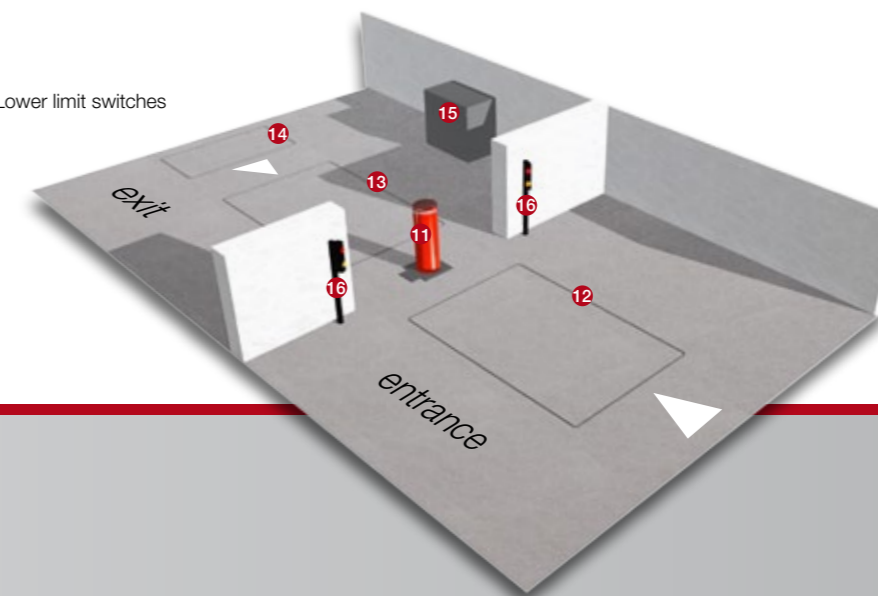
RAL3002

Description

- 1 Top bollard plate : painted chequered steel
- 2 Optional lighting ring (Red)
- 3 Class 2 White reflective tape
- 4 Bollard head : specific Steel alloy
- 5 Cover finishing plate : painted chequered steel
- 6 Steel locking cover
- 7 Separated technical box
- 8 Hydraulic jack fast connector
- 9 Steel casing
- 10 Removable accessories plate fitted with Upper and Lower limit switches
- 11 ONE50 bollard
- 12 Safety loop
- 13 Safety loop
- 14 Automatic exit safety loop
- 15 Technical centre
- 16 Traffic lights on post

Options

- Red LED lighting ring
- Low and Up end Slowdown
- Top and Cover finishing: Stainless steel chequered plate
- Emergency fast rising (1.5s)
- Manual rising (1 per bollard)
- Rainwater Draining Pump
- Frost-protection device -20°C
- Frost-protection device -50°C
- Buzzer : signal of moving bollard by buzzer
- Stainless steel jacket
- Lost casing
- Non standard RAL color



Model



Fixed Normal foundation



Fixed Shallow foundation



Removable On demand

Characteristics

- Ø325mm
- H1000mm
- 850kg (removable) 700kg (fixed)
- Class 2 White reflective tape
- Bollard head, cover and casing made in steel
- Electric protection rating : IP67



Finishing

- Oven-hardened zinc primer coat for reinforced corrosion resistance and improved adhesion for top coat
- Matt-finish thermosetting polyester powder coating

Colors



RAL3002

Options

- Red LED lighting ring
- Top and Cover finishing: Stainless steel chequered plate
- Other RAL than standard



Fixed model



Removable model

ONE bollard that stops
a 6.8t truck running at **50** Mph



