

XPASS 800 Anti-Terror Bollard



K4 equivalent anti-terrorism bollard, based on dynamic simulation carried out by accredited third-party laboratory to international standards ASTM2656:2007 M30 – PAS68:2010 7500/50/N2

Main Features

Driven rod out of the ground	Ø280 x h.800 mm (± 3 mm) x th.10mm, steel Fe 510 (S 335 JR) *
Buried structure	560 x 560 x h.1140 mm
Foundation	Reinforced concrete
Excavation	1000x1000x1400mm
Break-in resistance	667 000 J
Driven rod treatment	Cataphoresis and coating RAL7015 standard, other colour on request
Passive visibility	Refl ective film H=100 mm **
Flange	Cast iron, cataphoresis black
Top cover	Cast iron, cataphoresis black
Actuator	Hydraulic
Power	230 Vac ±10%, 50-60 Hz
Working time	Rise time: ≤ 7.0 s (50 Hz) Lowering time: 4.0 s (50 Hz)
Working temperature	-40°C *** to +60°C
Operating humidity	Up to 100%
IP grade	IP67
Hand operation	Interrupting the power off : <ul style="list-style-type: none"> • Standard version: bollard will open. • Security version: bollard will stay up. Lower the bollard by means of a solenoid valve which is accessible from the ground flange.
Weight including packaging	260 Kg

* Option, AISI304 or AISI316

** Customizable (optional)

*** With integrated heater active

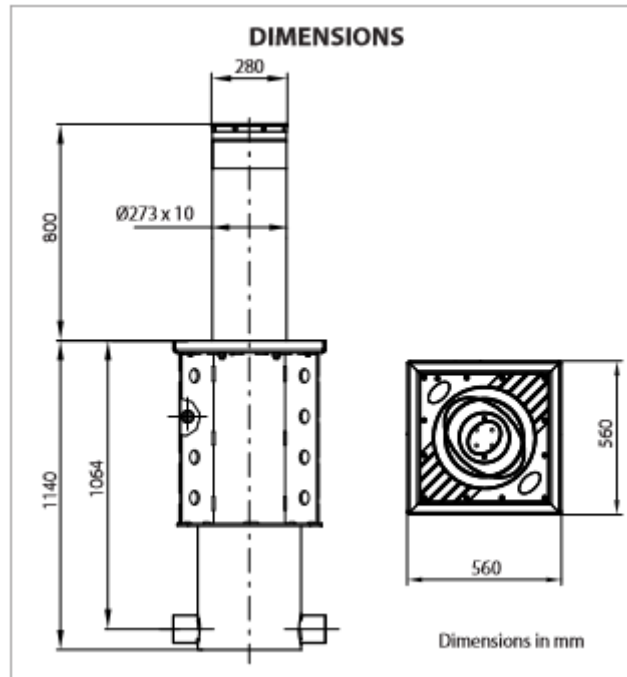
Independent hydraulic pump for each bollard with access for simplified servicing and optional protection anti-tamper detector.

Electrical Specification

Control unit	PERSEO CBD or PERSEO CBE
Power	1-phase 230 Vac \pm 10%, 50-60 Hz (115 Vac with optional adapter)
IP grade	IP54
Working temperature	-40°C to +60°C
Operating humidity	Up to 95% non-condensing
Use	Max. 4 for each control unit. Parallel control wiring possible for driving many groups of bollards
Power absorbed	0.55 kW for each bollard
Signalling (optional)	On top with high intensity LEDs and buzzer
Sensors	Open passage, Close passage (PERSEO CBE), Overpressure/Obstacle, Anti-tampering switch (option)
Local remote control	<ul style="list-style-type: none"> • Digital inputs • Radio remote control • RS485, TCP/IP (option, PERSEO CBE only)

Reference standards

PAS68:2010 7500/50/N2 ASTM2656:2007 M30 (sostituisce DoS/DoD K4) Machinery directive/Low voltage/Electromagnetic Compatibility Radio set (tested with the electronic control unit PERSEO CBD O PERSEO CBE



For more information about our range of automatic bollards for your site please

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