

## XPASS 1200 Anti-Terror Bollard



*Crash-tested and certified by accredited third-party Laboratory according to IWA14-1:2013 V/7200[N3C]/80/90, equivalent to PAS68:2010 7500/80/N3 and ASTM2656:2007 M50 (ex K12, SINGLE bollard)*

## Main Features

<b>Driven rod out of the ground</b>	Ø330 x h.1 200 mm (± 3 mm) x th.25mm steel Fe 510 (S 355 JR) *
<b>Buried structure</b>	625 x 625 x h.1140 mm + 610 x 390 x h.567 mm
<b>Foundation</b>	Reinforced concrete
<b>Excavation</b>	1500x1500x2000mm
<b>Break-in resistance</b>	2 100 000 J
<b>Driven rod treatment</b>	Cataphoresis and coating RAL7015 standard, other colour on request
<b>Passive visibility</b>	Reflective film H=100 mm **
<b>Flange</b>	Cast iron, cataphoresis black double, separated for hydraulic pump access
<b>Top cover</b>	Cast iron, cataphoresis black
<b>Actuator</b>	Hydraulic
<b>Power</b>	230 Vac ±10%, 50-60 Hz
<b>Working time</b>	Rise time: ≤ 5.3 s (50 Hz) Lowering time: 4.0 s (50 Hz)
<b>Working temperature</b>	-40°C *** to +60°C
<b>Operating humidity</b>	Up to 100%
<b>IP grade</b>	IP67
<b>Hand operation</b>	Bollard will stay up even in case of power loss and can be released manually if required
<b>Weight including packaging</b>	650 Kg

\* Option, AISI304 or AISI316

\*\* Customizable (optional)

\*\*\* With integrated heater active

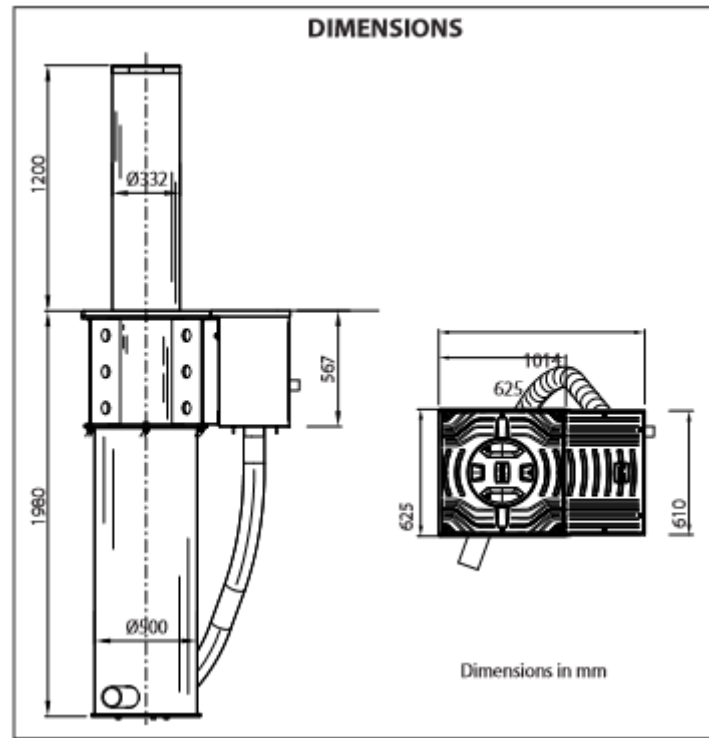
Independent hydraulic pump for each bollard with access for simplified servicing and optional protection anti-tamper detector.

## Electrical Specification

<b>Control unit</b>	PERSEO CBD or PERSEO CBE
<b>Power</b>	1-phase 230 Vac $\pm 10\%$ , 50-60 Hz (115 Vac with optional adapter)
<b>IP grade</b>	IP54
<b>Working temperature</b>	-40°C to +60°C
<b>Operating humidity</b>	Up to 95% non-condensing
<b>Use</b>	Max. 2 for each control unit. Parallel control wiring possible for driving many groups of bollards
<b>Power absorbed</b>	1.55 kW for each bollard
<b>Signalling (optional)</b>	On top with high intensity LEDs and buzzer
<b>Sensors</b>	Open passage, Close passage, Overpressure/Obstacle, Anti-tampering switch (optional)
<b>Local remote control</b>	<ul style="list-style-type: none"> <li>• Digital inputs</li> <li>• Radio remote control</li> <li>• RS485, TCP/IP (only PERSEO CBE, optional)</li> </ul>

## Reference standards

IWA14-1:2013 V/7200[N3C]/80/90; PAS68:2010 7500/80/N3 ASTM2656:2007 M50 (replaces DoS/DoD K12) European Machine Directive/European Low Voltage Directive/European EMC Directive Radio set (tested with the electronic control unit PERSEO CBD and PERSEO CBE)



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

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