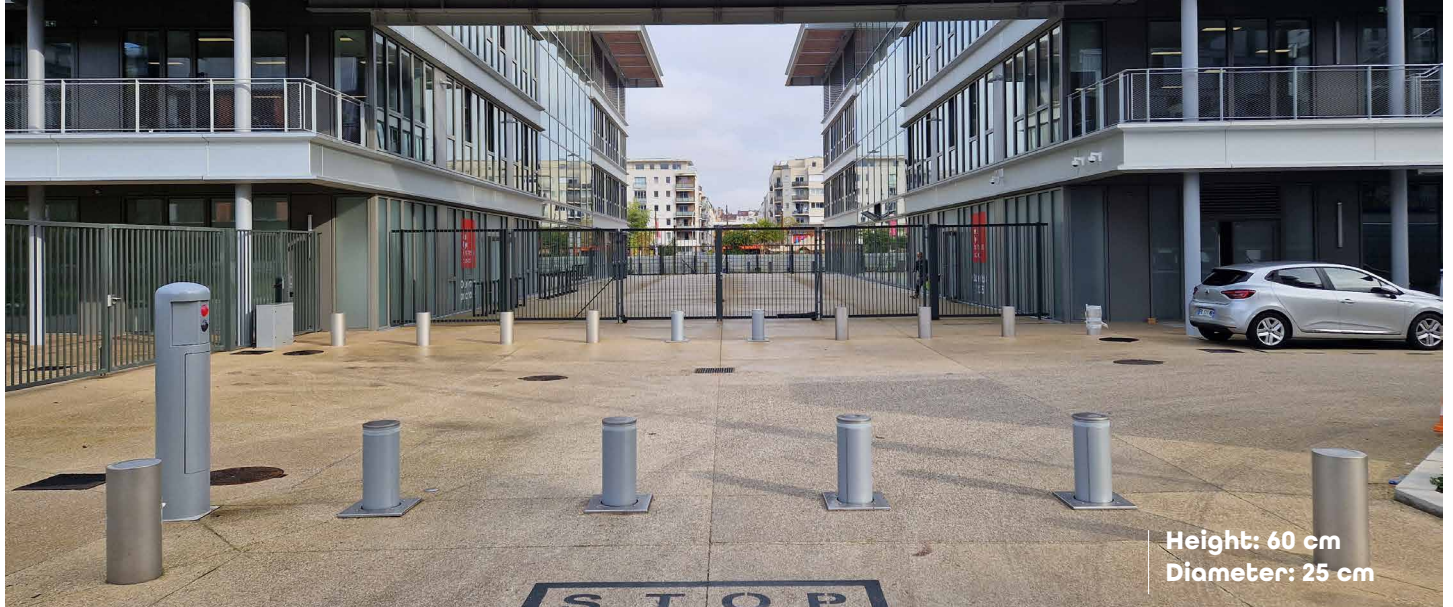


A25-60C80

**AUTOMATIC RISING SECURITY BOLLARD -
WITHSTANDS THE IMPACT OF A 7.5-TONNE HGV AT 64 KM/H**
H60 CM - Ø25 CM



Continuous
and intensive
operation:
3,000 cycles/day

No sensitive elements
in the bollard frame

Surfaces exposed
to tread made
of stainless steel

**Operational after
crash test**

Low and simplified
maintenance

STANDARD CHARACTERISTICS

• Cylinder:

- Zinc-plated and epoxy powder-treated steel
Ø 25 cm - height 60 cm
- RAL 7016 colour
- 20-mm thick stainless steel bollard top
- Brush seal prevents scratches on the housing
- Class 2 reflective tape

• Frame:

- Thick steel floor plate protected by a stainless steel cover
- 6 mm thick galvanised steel frame
- Lateral guidance with HDPE sliders and rollers
- M16 anchoring stock reinforcing the connection to the concrete foundation

• Drive system:

- Remote hydraulic drive system, (Factory-connected circuit)
bollard supplied with 15 m of oil-filled reinforced pipes with
push-pull quick coupler
- Low limit switch integrated into the cylinder head accessible
without disassembling the bollard
- Biodegradable hydraulic oil with low viscosity variation

• Standards:

- NFP 98-310-compliant
- Dimensions compliant with the French Decree of 18/09/2012
on the accessibility of roads and public spaces



MADE IN FRANCE



A25-60C80

TECHNICAL SPECIFICATION

Drive system	Remote hydroelectric
Resistance	1,160,000 J
Operating time	4 to 6 s
MCBF (number of cycles)	2,000,000
MTBF (hours)	25,000 h
MTTR (min)	30 min
Connection cable	15 m of hydraulic pipes supplied
Paint / Finish	RAL 7016 steel colour
Cylinder dimensions (H-Ø)	600 mm / 250 mm
Floor plate dimensions	430 x 430 mm
IP components	IP67

For information on the power, power supply, temperature and behaviour in the event of a power outage, please refer to the technical module sheet

CERTIFICATION

Resistance certified by crash test with a functional bollard after impact:



1.75 tonnes at 80 km/h



Supplemented by a digital crash test:
7.5 tonnes at 64 km/h

OPTIONAL FEATURES

Security

- Top limit switch
- Set of hangers allowing sealing without prior work
- Anti-vandalism screws
- Adjustable foot device for mounting on concrete slab
- Additional connection cable length
- Snap-off nuts to secure access to the bollard
- Heating system for cold weather or exposure to snow or frost conditions
- Extreme cold oil

Customisation

- Choice of RAL colours
- Paint with seafront treatment
- Reinforcement
- Customised bollard head
- Integrated light strip in the bollard
- Light strip and customisation on the bollard head
- Installation aid: Installation kit (steel cage feet hanger)

INSTALLATION

Installation of the bollard with hangers or adjustable feet in 24 hours without prior structural work

