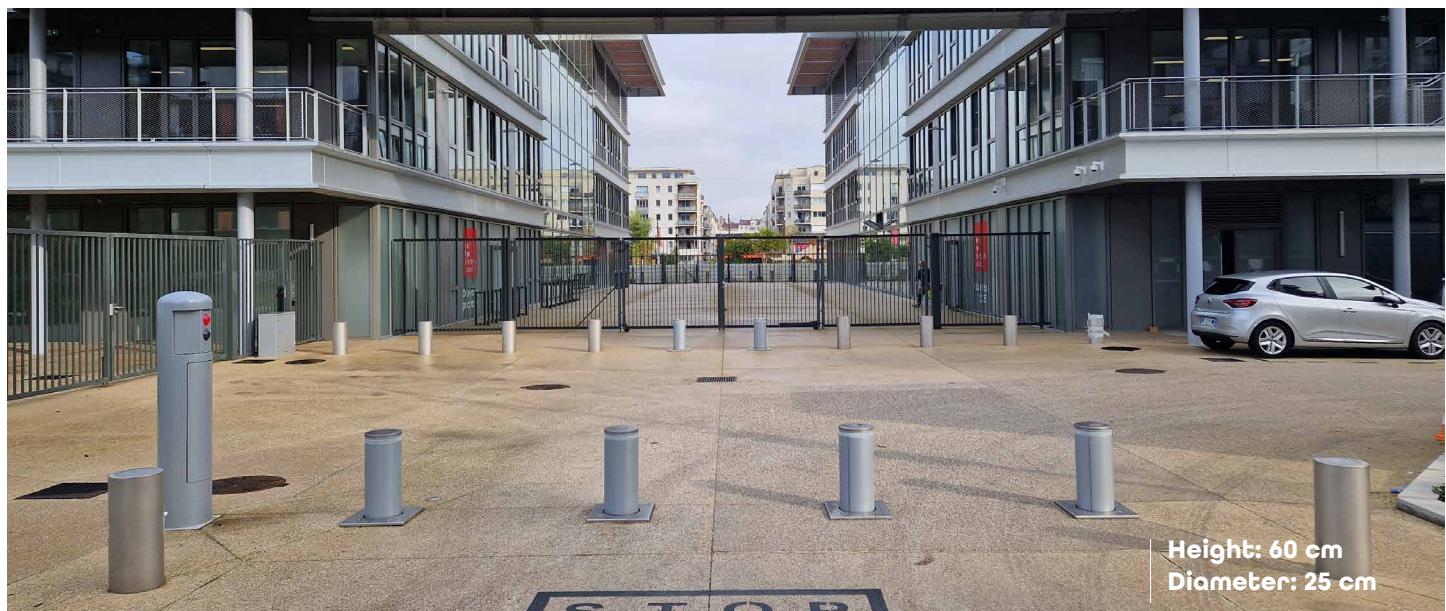


# ➤ A25-60C80

## 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

## 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

