

The image shows four black, cylindrical bollards of increasing height from left to right, installed on a paved plaza. Each bollard has a white band near the top with three red indicator lights. They are set into square metal bases with a circular pattern. In the background, there are modern glass-fronted buildings and green trees under a blue sky with light clouds.

# JS-SERIES BOLLARDS

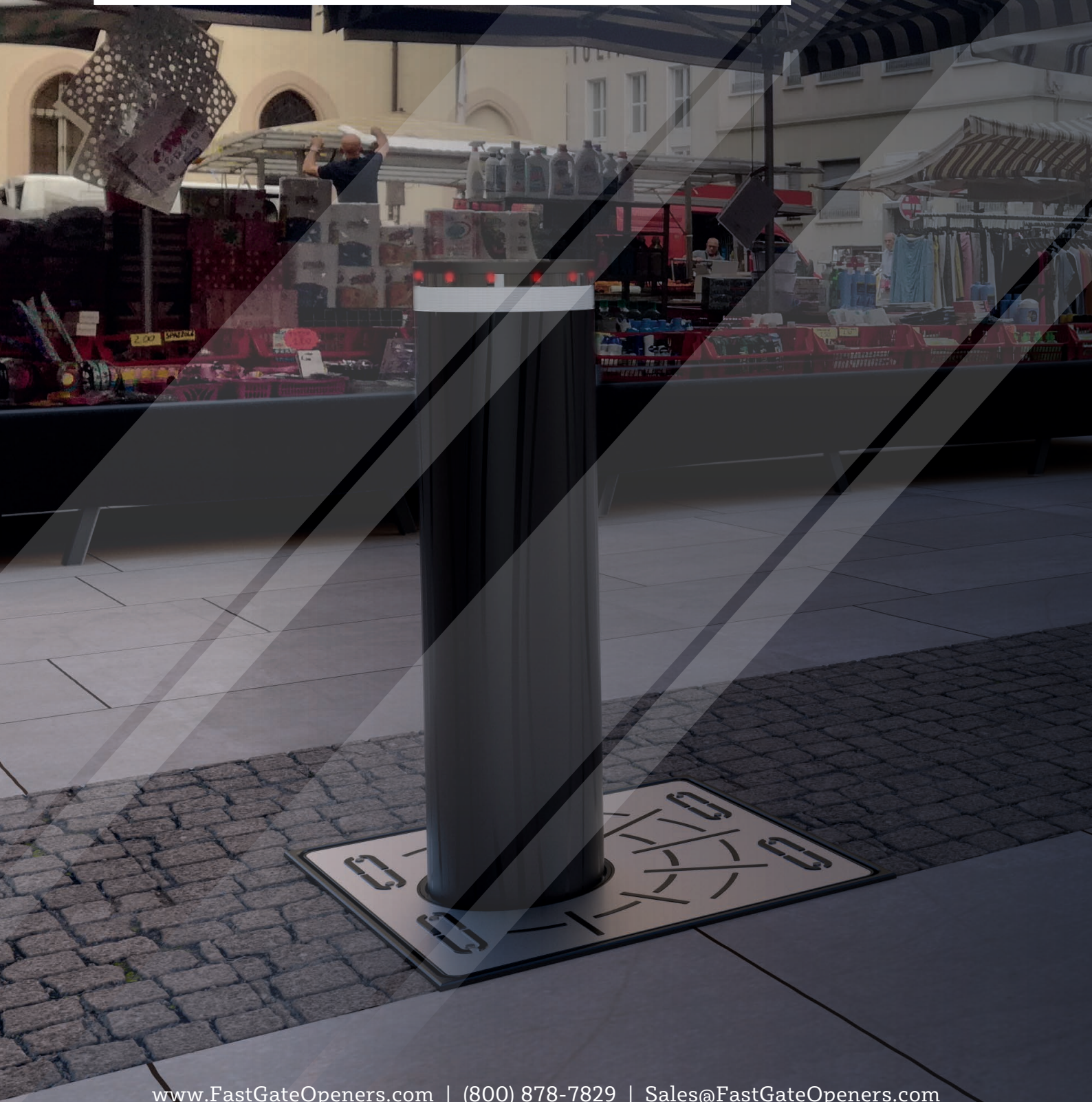
NEW HIGH  
SECURITY RANGE

**FAAC**  
*Simply automatic.*



# JS-series bollards: protection in all situations

---





## Bollard applications

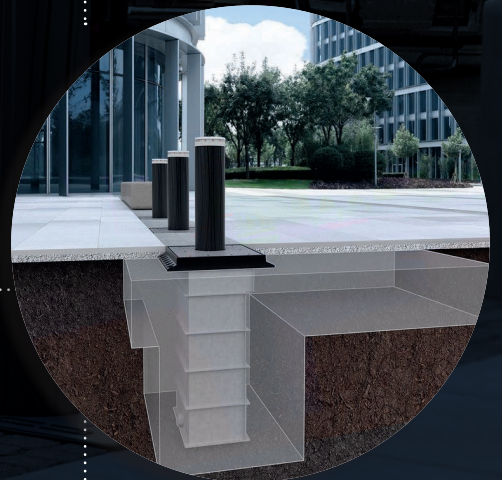
The bollard is a device commonly used to regulate road traffic or vehicle parking.

They have several functions: from controlling and limiting access to public and private areas, to restricting specific areas such as parks, pedestrian zones, etc., to providing real indestructible protection for sensitive areas such as banks, showrooms, luxury shops, or other perimeters.

## FAAC's answer

The FAAC JS-series bollards were conceived with the purpose of maximising safety in all areas that may be threatened by vehicles. JS bollards provide an innovative answer to protecting sensitive buildings, squares, markets, pedestrian areas and places with high traffic.

Non-invasive safety, able not only to protect spaces and people, but also the aesthetics of the surrounding architectural context.



Sectional view of a complete system consisting of bollard, housing pit and reinforced foundation.

JS bollards are made of high-strength steel and can be provided with customisable and interchangeable covers (patent pending).

JS bollards are tested according to the main international standards to withstand impact with a 7,500 kg truck driven at 50 km/h (JS 48) or 80 km/h (JS 80).



# Safer technology easier installation



## A bollard always just like new

JS bollards are provided with **protective covers mDure®**, the FAAC system (patent pending) which, unlike other bollards on the market, allows the bollard to be reconditioned avoiding high disassembly and reassembly costs.

### mDure®

is a registered FAAC trademark. It is an innovative and technological material, the result of extensive research and experience, designed to last over time.

It has an  
extremely high  
mechanical  
resistance

Resistant to shocks  
and scratches, the  
effects of chemicals,  
corrosive agents, or  
UV radiation

Does not  
pollute and  
can be  
recycled



## Certified resistance

Crash tests passed perfectly:  
JS bollards are certified to **stop a 7,500 kg truck driven at 50 km/h (JS48) and 80 km/h (JS80)**, certified operation even after impact.

Safety standards complied with:

PAS 68

ASTM  
F2656

IWA 14-1



*Watch the crash tests!*



## Corrosion resistance

Innovative use of Rilsan® anti-corrosive polyamide resin which guarantees protection from corrosion/deterioration, weather and chemical agents.



## Aesthetic consistency among all FAAC bollards

All JS technology bollards are 1m in height and 275mm diameter: these are the FAAC safety measures of all bollards, suitable to every architectural context.



## Easy maintenance

The components' arrangement facilitates maintenance operations. The main components are accessible from above for inspection or replacement without having to remove the bollard from the ground.



## Simplified installation

The integrated hydraulic power unit reduces costs and facilitates installation operations without having to lay hydraulic lines underground.



# JS bollard range: for every need, play it safe

JS bollards consist of a high-strength steel cylinder and interchangeable protective cover available in two versions:

- mDure® with exclusive FAAC design
- mDure® and Aisi 316 satin-finish stainless steel

The JS range includes the following models:

**Automatic (HA):** retractable bollard operated by FAAC hydraulic power unit (biodegradable oil).  
Rise time 6 seconds and descent time 2 seconds.

**Automatic EFO (HA EFO):** retractable bollard equipped with a system that, in case of emergency, allows the bollard to rise quickly in 1.5 seconds (Emergency Fast Operation).

**Fixed (F):** non-retractable bollard.

**Removable (R):** non-retractable bollard with cylinder that can be removed to temporarily allow access.

MODEL	VEHICLE SPEED AT WHICH THE BOLLARD CAN STOP IT	
	50 Km/h	80 Km/h
HA hydraulic, automatic, retractable	JS 48HA	JS 80HA
HA hydraulic, automatic, retractable with EFO system	JS 48 HA EFO	JS 80 HA EFO
F fixed		JS 80 F
R removable	JS 48 R	JS 80 R

## DIMENSIONS



Diameter 275 mm  
Height 1.000 mm

## OIL TYPE



Biodegradable

## PROTECTIVE COVER



mDure® with exclusive FAAC design  
mDure® and Aisi 316 satin-finish stainless steel

## AMBIENT OPERATING TEMPERATURE



-15°C ÷ +55°C

## AMBIENT OPERATING TEMPERATURE WITH HEATER



-40°C ÷ +55°C









**FAAC**  
*Simply automatic.*

[www.FastGateOpeners.com](http://www.FastGateOpeners.com) | (800) 878-7829 | [Sales@FastGateOpeners.com](mailto:Sales@FastGateOpeners.com)

For an on-going product improvement, FAAC SpA reserves the right to make technical modifications without prior notice.  
All rights are reserved and the reproduction, in any form or by any means, of the whole or any part of this publication, is forbidden without prior permission of FAAC SpA.