



FAAC J275

Mobile solutions for vehicle access control
and city traffic

FAAC
Simply automatic.

MOBILE SOLUTIONS FOR ACCESS CONTROL AND URBAN TRAFFIC.

FAAC J275 is a highly impact- and weather-resistant metal cylinder, equipped with a piston mechanism to allow controlled movement. It is housed in a specially designed compartment placed in the road paving for use as a traffic and/or parking bollard.

FAAC J275 offers help and an intelligent solution as an alternative to fixed stations, gates, barriers, chains and other, making it possible to regulate vehicle entry and/or exit in certain areas and prevent unauthorised parking.

The bollard therefore covers multiple uses: it marks the boundaries of pedestrian zones during peak times or permanently, allows entry and/or exit to certain areas only to authorised persons (shopkeepers, residents, hotel guests, parking garage customers, taxis and vehicles with drivers, owners of parking spaces) and delimits parking areas, squares or pavements.

The main sectors of application of FAAC J275 disappearing traffic bollard are vehicle access control and urban traffic.

FAAC J 275 guarantees free pedestrian flow, but manages vehicle traffic or limited parking, with the following advantages:

- Does not disfigure the characteristics of the environment because of its mobile concealed element with minimal environmental impact
- Ensures greater protection of pedestrian areas in the town centre
- Allows access to authorised vehicles only
- Reduces and optimises the use of human resources in access control activities
- Activity can be signalled by built-in buzzer and led outer ring, according to its position
- A full range of accessories is available
- Its function is to deter



TRULY INNOVATIVE AND UNIQUE BOLLARD

FAAC J275 is characterised by its high innovation content and, compared to the traditional bollards currently being sold, it features many important advantages. J275 was specifically designed to minimise the complexity and burdens of the excavation, installation, accessibility and maintenance stages:

1. Mobile hydraulic unit integral with the cylinder
2. High resistance steel structure
3. Fast moving cylinder
4. "Fully optional" version including all main accessories
5. Lowered maintenance costs, due to one man servicing
6. Flexible control unit that manages up to 4 bollards
7. Possible replacement of first generation FAAC bollards

12 REASONS TO EXPLAIN THE UNIQUENESS OF J 275

1	Mobile drive unit, extractable by a handle for ease of replacement or maintenance
2	Cylinder slides on double rail to provide better stability in raising and lowering
3	No pipes with oil under pressure to avoid risk of failure's risks
4	Central single-LED flashing light illuminating 12 points of the circular crown, included in the basic version together with the acoustic movement signal
5	Release valve in the event of electrical power drop included in the basic version
6	Additional mechanical release included in the mobile hydraulic unit
7	Cylinder available in stainless steel AISI 316
8	Internal fixing frames made of stainless steel
9	Connectors and junction boxes, with IP 67 certification
10	Round-section pit to optimize digging works
11	Pit supplied in a kit to minimise transport charges and packaging dimensions
12	FAAC JE 275 control board able to manage up to four bollards

DIFFERENT VERSIONS APPLICATIONS

FAAC J275 AUTOMATIC

Recommended for areas of daily frequent and necessary transits. Thanks to cards, remote controls or timer, the cylinder descends and rises automatically.

FAAC J275 FIXED

Recommended to be combined where automatic bollards are present.



DISAPPEARING TRAFFIC BOLLARD - **Hydraulic**

FAAC J275 Automatic disappearing traffic bollard is recommended in situations of heavy daily transit.

It can be controlled automatically using commands carried out by authorised persons (cards, remote controls, etc.) or using automatic set time commands. The device is equipped with a single-effect hydraulic drive.

AVAILABLE VERSIONS

PAINTED STEEL STANDARD VERSIONS

- **FAAC J 275/600 HA painted steel**
 - steel cylinder 7 mm thickness treated by cataphoresis and painted
 - powder painted dark grey metallised RAL 7021
 - illuminated outer ring powered by central LED
 - buzzer
 - emergency release in case of power failure (failure safe or secure)
- **FAAC J 275/800 HA painted steel**
 - steel cylinder 7 mm thickness treated by cataphoresis and painted
 - powder painted dark grey metallised RAL 7021
 - illuminated outer ring powered by central LED
 - buzzer
 - emergency release in case of power failure (failure safe or secure)

STAINLESS STEEL AISI 316 SPECIAL VERSIONS

- **FAAC J 275/600 HA satin finish stainless steel AISI 316**
 - stainless steel cylinder 6 mm thickness satin finished
 - illuminated outer ring powered by central LED
 - buzzer
 - emergency release in case of power failure (failure safe or secure)
- **FAAC J 275/800 HA satin finish stainless steel AISI 316**
 - stainless steel cylinder 6 mm thickness satin finished
 - illuminated outer ring powered by central LED
 - buzzer
 - emergency release in case of power failure (failure safe or secure)



TECHNICAL SPECIFICATIONS	J 275/600 HA	J 275/800 HA
Drive	Hydraulic	
Cylinder stroke	600mm	800 mm
Cylinder diameter	275 mm	
Cylinder material standard release	Steel Fe360	
Cylinder material special release stainless steel	AISI 316 satin finish	
Cylinder surface treatment	Cataphoresis and polyester powder painted dark grey metallised RAL 7021	
Head surface treatment	Anticorodal case aluminium RAL 9006	
Rising time	About 5,0 sec.	About 7 sec
Descent time (standard)	About 2,8 sec	About 3,5 sec
Descent time (rapid) (*)	1 sec	1,2 sec
Hydraulic drive unit	Power supply 230 Vac +6% - 10%; 50 Hz	
Power consumption	220W	
Protection class	IP 56	
Work frequency	Heavy duty	
Reflective strip	Standard height 55 mm	
Manual lowering operation	Simple hydraulic release key	
Impact resistance	38.000 Joules/painted steel	
	67.000 Joules/stainless steel	
Break in resistance	128.000 Joules/painted steel	
	207.000 Joules/stainless steel	
Walled in pit with cylinder profile	560x560x950 mm	560x560x1220 mm
Cable to link bollard to control unit (not supplied)	FG70R-0,6/1Kv-16G-1,5	
Max cable length	50 mt	

(*) By emergency release activation

ACCESSORIES FOR AUTOMATIC VERSION

- Pit heater JH 275 (to extend operation up to -25°C)
- Pit cover JC 275
- Control unit JE 275 (up to max n. 4 bollards)
- Pit bollard JP 275

DISAPPEARING TRAFFIC BOLLARD - **Semi-Automatic**

This type of bollard is recommended in cases when accesses are limited, or when used together with the automatic version. This bollard solves transit/stopping problems without requiring electricity. With its single-effect, gas-powered spring, raising is done automatically by key release and lowering is done by applying slight pressure with the foot to the head of the bollard.



AVAILABLE VERSIONS

PAINTED STEEL STANDARD VERSION

- **FAAC J275/600 SA painted steel**
-steel cylinder 7mm thickness treated by cataphoresis and painted
-powder painted dark grey metallised RAL 7021

STAINLESS STEEL AISI 316 SPECIAL VERSION

- **FAAC J275/600 SA stainless steel**
-stainless steel cylinder 7mm thickness satin finished

TECHNICAL SPECIFICATIONS

Movement	Single effect gas spring
Cylinder stroke	600 mm
Cylinder diameter	275 mm
Cylinder material standard release	Steel Fe 360
Cylinder material special release stainless steel	AISI 316 satin finish
Cylinder surface treatment	Cataphoresis plus polyester powder painted dark grey metallised RAL 7021
Head surface treatment	Anticorodal case aluminum RAL 9006
Rising	Key release: automatic rising with single effect gas spring
Lowering	Key release: by applying pressure on the cylinder top
Reflective strip	Standard height 55mm
Impact resistance	38000 Joules/painted steel - 67000 Joules/stainless steel
Break in resistance	128000 Joules/painted steel - 207000 Joules/stainless steel
Walled in pit with cylinder profile	560 x 560 x 950 mm

TRAFFIC BOLLARD - **Fixed**

FAAC J275 Fixed bollard is suitable for installations when all bollards don't need to be automated. The fixed bollards can maintain aesthetic appearances for sites, thus reducing costs and time of installation.



AVAILABLE VERSIONS

PAINTED STEEL STANDARD VERSIONS

- **FAAC J 275/600 F painted steel**
- steel cylinder 4 mm thickness treated by cataphoresis and painted
- powder painted dark grey metallised RAL 7021
- **FAAC J 275/800 F painted steel**
- steel cylinder 4 mm thickness treated by cataphoresis and painted
- powder painted dark grey metallised RAL 7021

STAINLESS STEEL AISI 316 SPECIAL VERSIONS

- **FAAC J 275/600 F satin finish stainless steel AISI 316**
- stainless steel cylinder 3 mm thickness satin finished
- **FAAC J 275/800 F satin finish stainless steel AISI 316**
- stainless steel cylinder 3 mm thickness satin finished

TECHNICAL SPECIFICATIONS

	J 275/600 F	J 275/800 F
Cylinder height	600 mm	800 mm
Cylinder diameter	275 mm	
Cylinder material	Steel Fe 360	
Cylinder material special release stainless steel	AISI 316 satin finish	
Cylinder surface treatment	Cataphoresis plus polyester powder painted dark grey metallised RAL 7021	
Head surface treatment	Anticorodal case aluminium RAL 9006	
Reflective strip	Standard height 55 mm	
Break in resistance	35.000 Joules/painted steel 59.000 Joules/stainless steel	
Walled in pit	450 x 450 x 30 mm	

ACCESSORIES FOR SEMI-AUTOMATIC VERSION

- Pit bollard JP 275
- Pit cover JC275.

ACCESSORIES FOR FIXED VERSION

- Pit Bollard JPF 275.
- Pit cover JC275.

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