



FAAC CITY

Fixed traffic bollard 275 H600-H800

TECHNICAL INSTALLATION MANUAL



Technical installation manual

- **Warnings for the installer**
- **Technical specifications of the traffic bollard**
- **Walled-in installation layout FAAC CITY 275 FIXED**
- **Installation layout FAAC CITY 275 FIXED
in counter-frame**



WARNINGS FOR THE INSTALLER - GENERAL SAFETY OBLIGATIONS

1	ATTENTION! To ensure the safety of people, it is important that you read all the following instructions. Incorrect installation or incorrect use of the product could cause serious harm to people.	9	FAAC S.p.A. is not responsible for failure to observe Good Technique in the installation of the FAAC CITY products and relating accessories or for any deformation that may occur during use.
2	<u>Carefully read the instructions</u> before beginning to install the product	10	Installation must be performed in compliance with the currently ruling Standards
3	Do not leave packing materials (plastic, polystyrene, etc.) within reach of children as such materials are potential sources of danger.	11	Use of at least one indicator-light is recommended for every system (i.e. flashing lamp integrated in the bollard head), as well as a warning sign.
4	Store these instructions for future reference.	12	For maintenance, strictly use original parts by FAAC S.p.A..
5	This product was designed and built strictly for the use indicated in this documentation. Any other use, not expressly indicated here, could compromise the good condition/operation of the product and/or be a source of danger.	13	FAAC S.p.A. declines all liability as concerns safety and efficient operation of the automated system, if system components not produced by FAAC S.p.A. are used.
6	FAAC S.p.A. declines all liability caused by improper use or use other than that for which the automated system was intended.	14	The installer shall supply to the Customer all information concerning manual lowering of the bollard in case of an emergency, and shall hand over to the user the warnings handbook supplied with the product.
7	Do not install the equipment in an explosive atmosphere: the presence of inflammable gas or fumes is a serious danger to safety.	15	The user must not attempt any kind of repair or direct action whatever and contact qualified personnel only.
8	For non-EU countries, to obtain an adequate level of safety, the Standards mentioned above must be observed, in addition to national legal regulations.	16	Anything not expressly specified in these instructions is not permitted.



TECHNICAL SPECIFICATIONS OF FAAC CITY 275 FIXED

Cylinder	FE37 steel * ¹ – thickness 6 mm.	
Cylinder treatment	Polyester powder paint, dark grey colour, metalised (RAL 7021)	
Fixed cylinder diameter	275 mm.	
Fixed cylinder height	600mm – 800mm (+ 200 mm to be walled in with supplied anchors	
Cylinder top part (head)	Anticorodal case hardened non-slip aluminium	
Cylinder top part treatment	Polyester powder paint, light grey colour (RAL 9006)	
Reflecting strip	Standard height 56 mm.	
Total weight with counter-frame	H600	Kg. 92
	H800	Kg. 100
Impact resistance without deformation	6,000 joule	
Break-in resistance	120,000 joule	
* ¹ optional:	AISI304 STAINLESS STEEL 6 mm THICKNESS	
	Satin finish AISI304 STAINLESS STEEL 6 mm THICKNESS	



WALLED-IN INSTALLATION LAYOUT FOR FAAC CITY 275 FIXED TRAFFIC BOLLARD

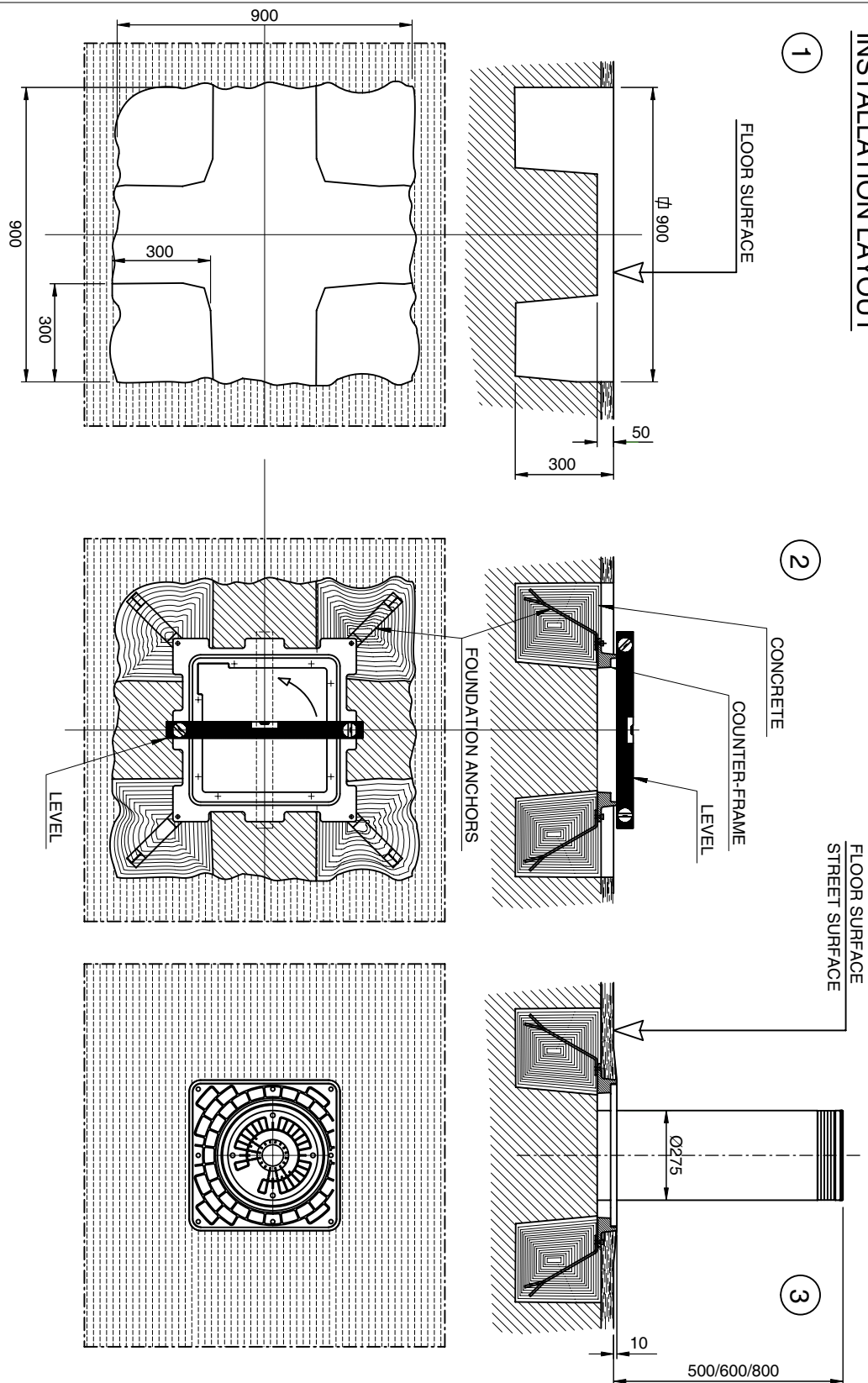
- 1) Excavate (with mini-excavator) down to a depth of about **0.30 m.**; the section must have a side of about **1 m** (or manually as shown on the annexed installation layout).
- 2) Lay the counter-frame with the foundation anchors correctly positioned, taking care to position it plumb-straight and taking into account that the top level of the counter-frame should be higher by about 10 mm than the tread surface height (to limit the intake of rain water). **Position the counter-frame, checking the reference in relation to transit direction (see annexed drawing).**
- 3) Feed concrete all around the counter-frame, up to about - 5 cm from tread height (in case of a road carpet in porphyry, stone or the like evaluate the suitable thickness); when the concrete has set, finish the road carpet with the same type of material.

INSTALLATION LAYOUT FOR FAAC CITY 275 FIXED TRAFFIC BOLLARD IN COUNTER-FRAME

- 4) When wall works have been completed, position the FAAC CITY 275 FIXED bollard with the following procedure:
- 5) Position the fixed bollard on the counter-frame and secure it with the supplied screws (ten M12 Allen screws – wrench size 1.0)
- 6) Position the covering crown (FAAC code 111015) with the relevant perimetric rubber element of the bollard and secure it with the supplied screw (six M6 Allen screws – wrench size 5).

FAAC CITY 275 FIXED TRAFFIC BOLLARD - H600 - H800 INSTALLATION LAYOUT

DIS. P275_SC101



FAAC CITY 275 FIXED TRAFFIC BOLLARD - H600 - H800 MULTIPLE INSTALLATION LAYOUT

DIS. P275_SC61

