



CORAL 1050 1080

VIGILO 2250 2280

Fully retractable oil-hydraulic traffic control posts

Cylindrical steel post

Built-in hydraulic main unit

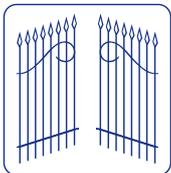


Vigilo 2250
Ø 200 mm version
stroke 500 mm

Vigilo 2280
Ø 200 mm version
stroke 800 mm

Coral 1050
Ø 100 mm version
stroke 500 mm

Coral 1080
Ø 100 mm version
stroke 800 mm



FADINI
the gate opener
Made in Italy



Rapid installation



Installation operations: positioning the traffic control post inside the housing previously cemented into the ground, followed by electrical wiring and closure with a cover plate.

Manual release



Release operations to lower the post manually.

Accessories

Coral and Vigilo: a complete range for all installation requirements

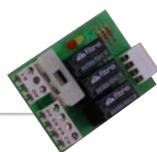
Coral and Vigilo traffic control posts are electronically managed by an appliance offering customised installation and several automatic functions. It can optionally be prepared for use with traffic lights using a plug-in card, to be inserted into the Elpro S40 programmer to indicate when the post is rising (amber light), in the extended position (red) or retracted (green).

In the event of a blackout, the column remains in the extended position and can be lowered using a moulded release key that operates the main unit hydraulic circuit beneath the cover plate.

The traffic control post can optionally be fitted with a solenoid valve for instant lowering of the retractable post in the event of a blackout. The column rises again following a command impulse, when electricity is back.



A special application of Coral and Vigilo with chain (optional) is available on request



Plug-in traffic lights card for Elpro S40 programmer, for up to three lights



Elpro S40 electronic programmer for simultaneous management of up to four traffic control posts



Three-light indicator traffic lights



Fully-retractable oil-hydraulic traffic control posts with cylindrical steel post and built-in hydraulic main unit

CORAL	1050
	1080
VIGILO	2250
	2280



Fully-retractable oil-hydraulic operator with cylindrical steel post.

Coral 1050 and Vigilo 2250.

Designed to prevent access to vehicles and protect private parking or driveways from unauthorised use

The Coral and Vigilo series only differ in the diameter and travel of the various posts, the functional components and principle are identical.

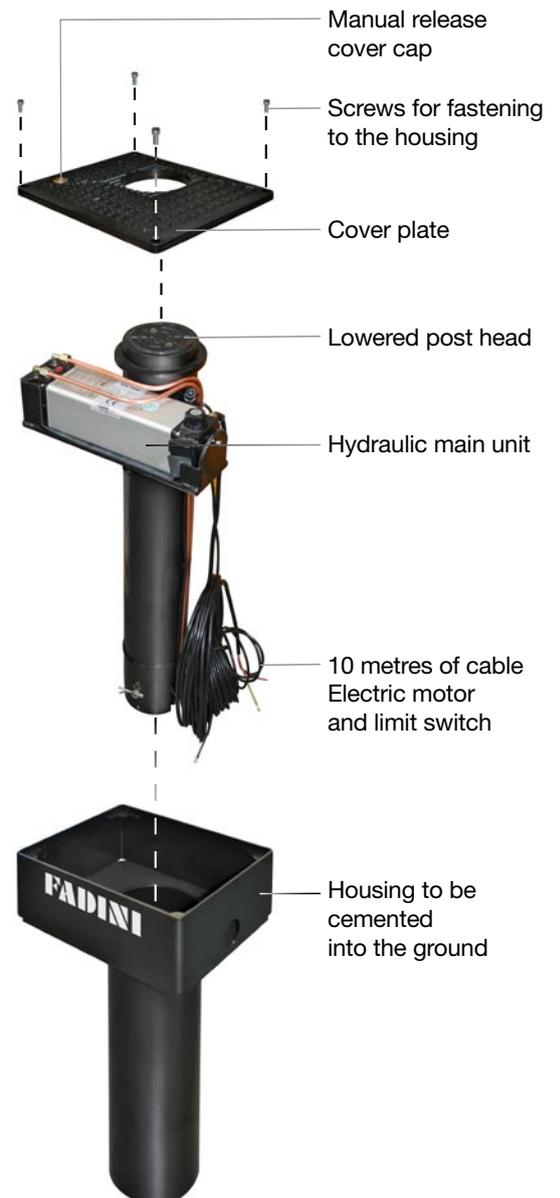
Rapid installation

The oil-hydraulic main unit - piston - post unit fits inside the housing previously cemented into the ground, making the product extremely easy to install.

Construction features

The hydraulic main unit and oil-hydraulic piston are built-in and visible beneath the cover plate.

A rubber buffer protects the top of the column and a type approved reflective strip allows visibility even at night.



Traffic control posts when fully retracted.



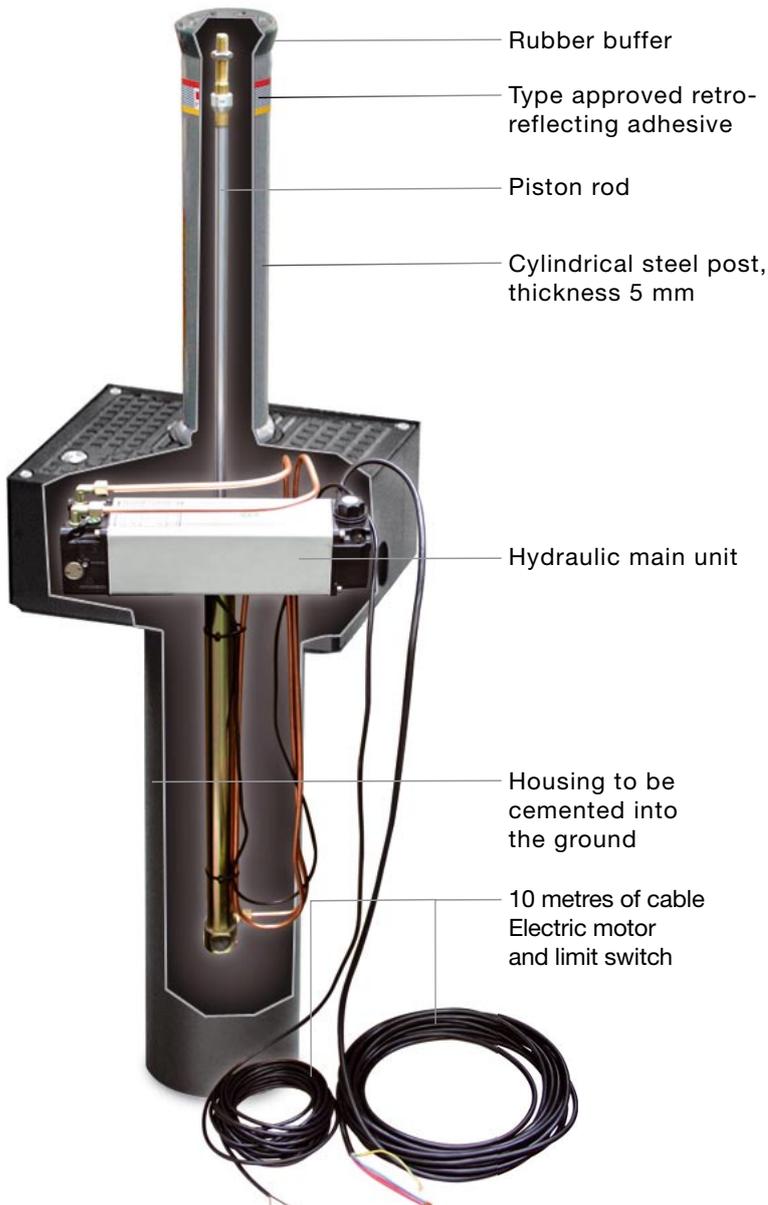
**Fully-retractable oil-hydraulic traffic control posts with 100mm Ø cylindrical steel post
500 mm and 800 mm travel versions**

CORAL 1050
1080

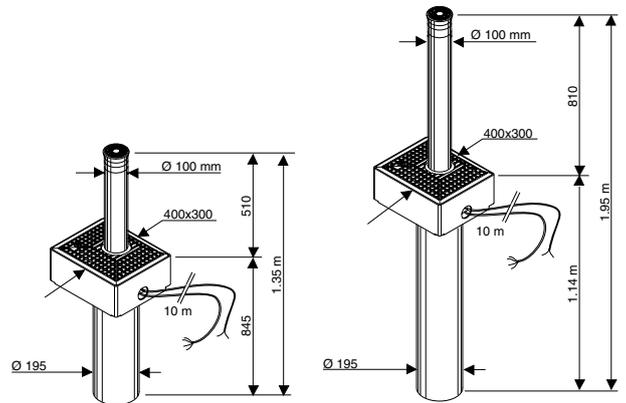


Coral 1050 traffic control post in fully raised and fully retracted positions

INTERNAL VIEW OF THE OIL-HYDRAULIC UNIT

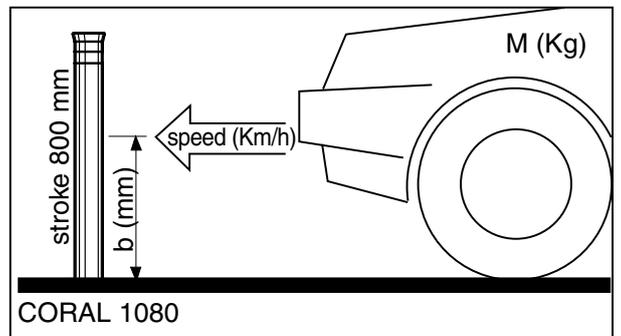


Overall dimensions



CORAL® 1050
Stroke 500 mm
Static weight Coral 1050 - Kg 86
Colour RAL 7016 - Anthracite Gray
Post material Fe 360

CORAL® 1080
Stroke 800 mm
Static weight Coral 1080 - Kg 104
Colour RAL 7016 - Anthracite Gray
Post material Fe 360



Weight W(Kg)	Speed (Km/h)	Result Coral	Result Vigilo
1000	10	Coral resists deformation minimum	Vigilo resists deformation minimum
1000	50	Rupture Coral post	Rupture Vigilo post



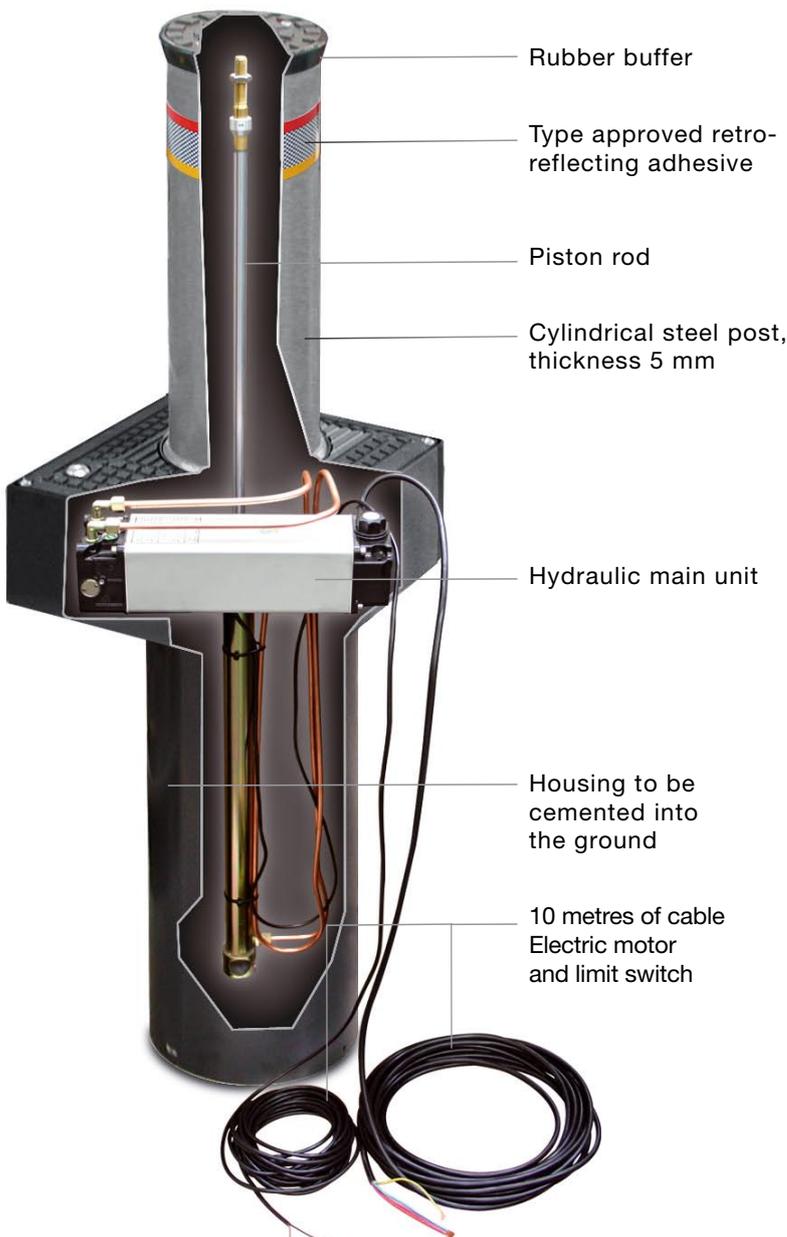
**Fully-retractable oil-hydraulic traffic control posts with 200mm Ø cylindrical steel post
500 mm and 800 mm travel versions**

VIGILO 2250
2280

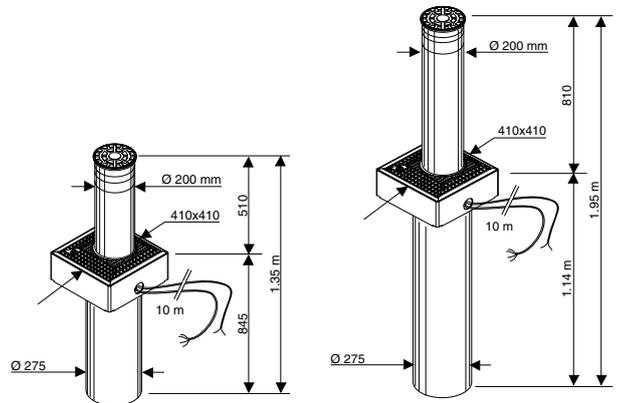


Vigilo 2280 traffic control post in fully raised and fully retracted positions

INTERNAL VIEW OF THE OIL-HYDRAULIC UNIT

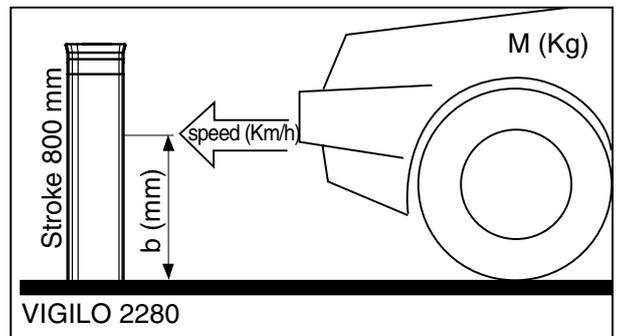


Overall dimensions



VIGILO® 2250
Stroke 500 mm
Static weight Vigilo 2250 - Kg 102
Colour RAL 7016 - Anthracite Gray
Post material Fe 360

VIGILO® 2280
Stroke 800 mm
Static weight Vigilo 2280 - Kg 131
Colour RAL 7016 - Anthracite Gray
Post material Fe 360



Weight W(Kg)	Speed (Km/h)	Result Coral	Result Vigilo
1000	10	Coral resists deformation minimum	Vigilo resists deformation minimum
1000	50	Rupture Coral post	Rupture Vigilo post

CORAL and VIGILO Retractable traffic control posts

Technical Specifications Coral	
Hydraulic main unit	
Pump type	P10
Pump flow rate	4.45 l/min.
Average working pressure	2 MPa (20 bar)
Max pump pressure	4 MPa (40 bar)
Working temperature	-20°C +80°C
Oil type	OIL FADINI
Pump assembly static weight	10 Kg
Pump assembly protection standards	IP 54
Electric motor	
Power rating	0.25 KW (0.33 HP)
Supply voltage	230 V
Absorbed current	1.8 A
Frequency	50 Hz
Absorbed power	330 W
Capacitor	20 µF
Motor revolutions	2'800 rpm
Service standards	S 3
Oil-hydraulic piston	
Piston stroke travel time Coral 1050	4 s
Piston stroke travel time Coral 1080	6 s
Piston stroke Coral 1050	500 mm
Piston stroke Coral 1080	800 mm
Shaft diametre	16 mm
Piston diametre	30 mm
Calibrated thrust	15 daN
Protection standard complete ref.	IP 557
Performance Coral 1050 (stroke 500 mm)	
Duty cycle	4 s Rise - 30 s Dwell - 4 s Lower - 30 s Dwell
Time of one complete cycle	68 s
Complete cycles Rise - Dwell - Lower - Dwell	No. 53/hour
Cycles per year (8 hours' service per day)	No. 154'000
Performance Coral 1080 (stroke 800 mm)	
Duty cycle	6 s Rise - 30 s Dwell - 6 s Lower - 30 s Dwell
Time of one complete cycle	72 s
Complete cycles Rise - Dwell - Lower - Dwell	No. 50/hour
Cycles per year (8 hours' service per day)	No. 146'000
Construction features	
Post colour	Anthracite RAL 7016
Post, housing and cylindrical container material	Fe 360 steel
Anti-corrosion treatment	Cataphoresis

Technical Specifications Vigilo	
Hydraulic main unit	
Pump type	P10
Pump flow rate	4.45 l/min.
Average working pressure	2 MPa (20 bar)
Max pump pressure	4 MPa (40 bar)
Working temperature	-20°C +80°C
Oil type	OIL FADINI
Pump assembly static weight	10 Kg
Pump assembly protection standards	IP 54
Electric motor	
Power rating	0.25 KW (0.33 HP)
Supply voltage	230 V
Absorbed current	1.8 A
Frequency	50 Hz
Absorbed power	330 W
Capacitor	20 µF
Motor revolutions	2'800 rpm
Service standards	S 3
Oil-hydraulic piston	
Piston stroke travel time Vigilo 2250	4 s
Piston stroke travel time Vigilo 2280	6 s
Piston stroke Vigilo 2250	500 mm
Piston stroke Vigilo 2280	800 mm
Shaft diametre	16 mm
Piston diametre	30 mm
Calibrated thrust	15 daN
Protection standard complete ref.	IP 557
Performance Vigilo 2250 (stroke 500 mm)	
Duty cycle	4 s Rise - 30 s Dwell - 4 s Lower - 30 s Dwell
Time of one complete cycle	68 s
Complete cycles Rise - Dwell - Lower - Dwell	No. 53/hour
Cycles per year (8 hours' service per day)	No. 154'000
Performance Vigilo 2280 (stroke 800 mm)	
Duty cycle	6 s Rise - 30 s Dwell - 6 s Lower - 30 s Dwell
Time of one complete cycle	72 s
Complete cycles Rise - Dwell - Lower - Dwell	No. 50/hour
Cycles per year (8 hours' service per day)	No. 146'000
Construction features	
Post colour	Anthracite RAL 7016
Post, housing and cylindrical container material	Fe 360 steel
Anti-corrosion treatment	Cataphoresis



We recommend that installation complies with applicable regulations, the instructions enclosed and EN 12453 and EN 12445 standards in observance of essential EC requisites

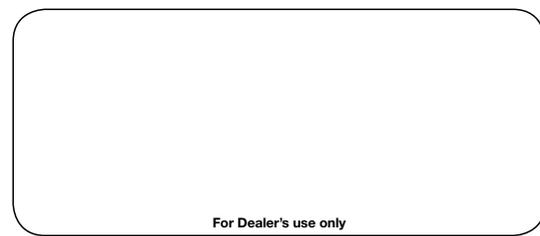


Directive 2003/108/EC
Disposal of electric and electronic material
**DO NOT DISPOSE OF AS NORMAL WASTE
HARMFUL TO THE ENVIRONMENT**



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