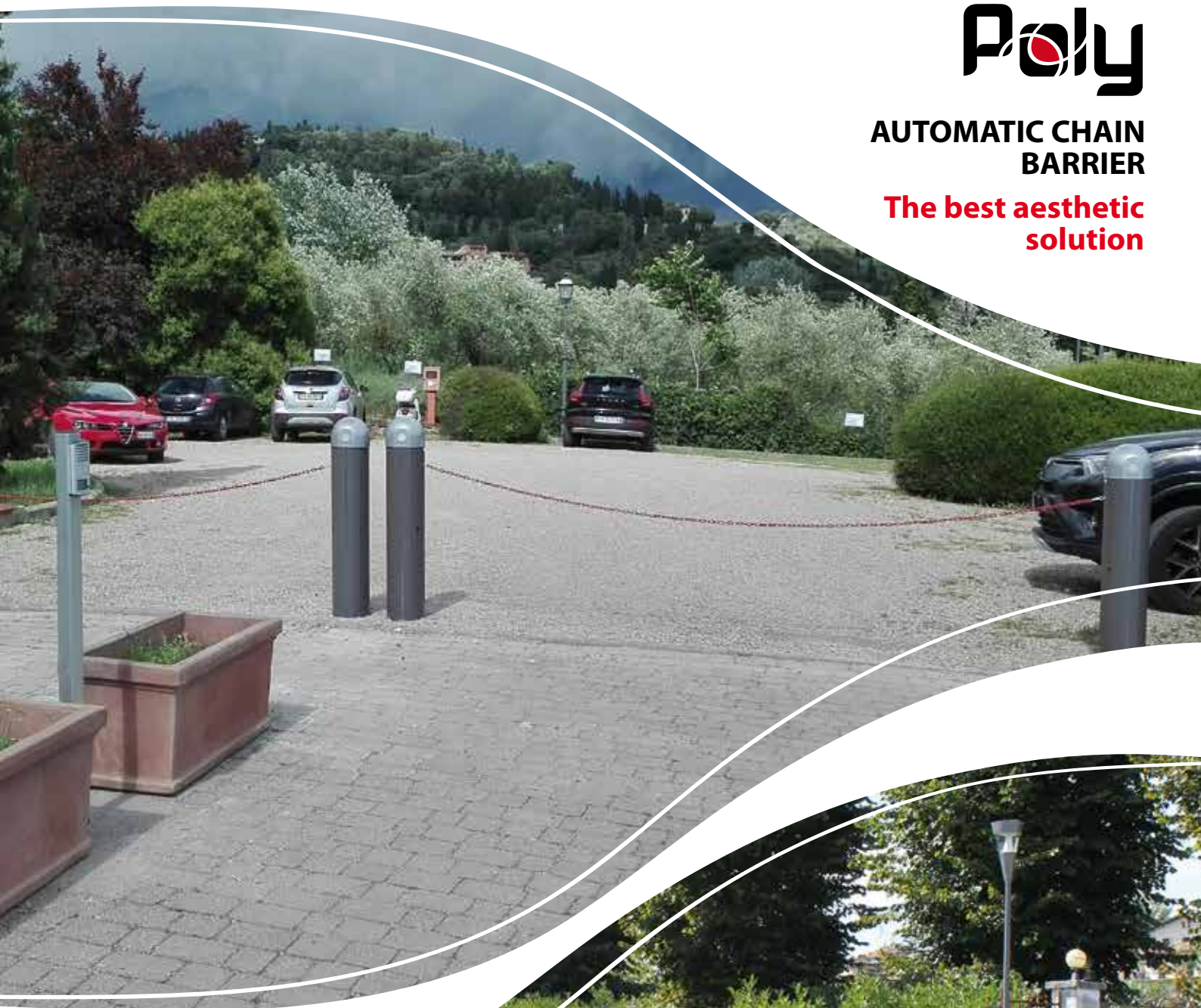





**AUTOMATIC CHAIN  
BARRIER**

**The best aesthetic  
solution**



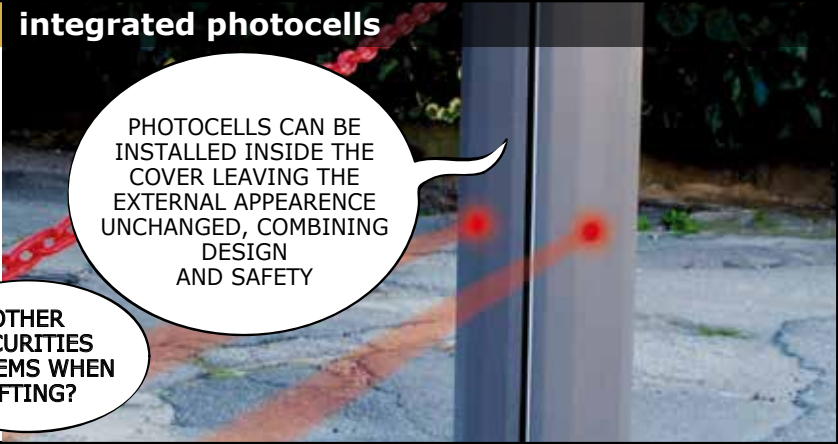
**CLOSE PASSAGES  
UP TO 16 mt.**

**SAFETY and DESIGN** integrated photocells



OTHER SECURITY SYSTEMS WHEN LIFTING?

PHOTOCELLS CAN BE INSTALLED INSIDE THE COVER LEAVING THE EXTERNAL APPEARANCE UNCHANGED, COMBINING DESIGN AND SAFETY



**COMFORT** chain lighting

HOW CAN I SEE THE CHAIN AND THE PASSAGE IN DARK PLACES?

WITH THIS COURTESY LIGHT BY THE NEW GENERATION WHITE COLOUR LED: IT OFFERS AN EXCELLENT LUMINOUS EFFICIENCY WITH LOW CONSUMPTION



**SAFETY** integrated flashing-lamp

HOW DO I UNDERSTAND THAT THE CHAIN IS MOVING?

SIMPLE, BOTH COLUMNS CAN BE EQUIPPED WITH AN INTEGRATED FLASHING-LAMP (HIGH-LUMINOUS EFFICIENCY LED) VISIBLE FROM BOTH SIDES




**SAFETY** 24Vcc engine with ENCODER

FOR WHAT REASON THE AUTOMATION IS SAFE IN CASE OF ACCIDENTAL ACTIVATION?

BECAUSE THE ENGINE TECHNOLOGY OF BOTH COLUMNS, MAKES THE MOVEMENT SAFE BY STOPPING THE CHAIN IMMEDIATELY IN CASE OF DETECTION OF PEOPLE OR THINGS

24Vcc ENCODER inside



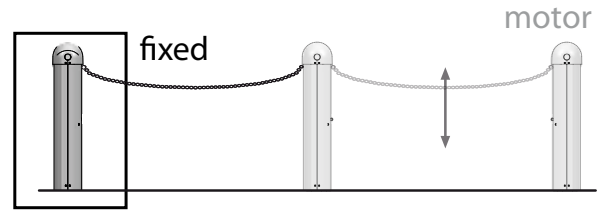
### POLY-PLUS

Upper module with neutral plate for housing of accessories and control panel.  
Module height: 800 mm.



**APE - 150 / 8010**  
POLY-PLUS

### POLY-MOCK

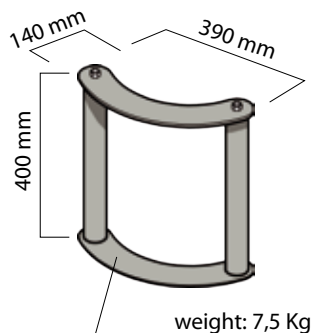


POLY column without automation.  
Street furniture object useful to border zones.  
It can be paired with a POLY as the example above.

**APE - 150 / 8036**  
POLY-MOCK

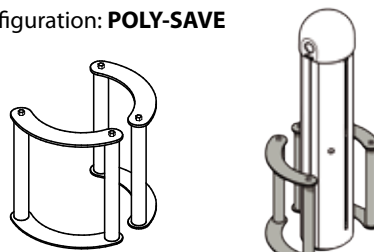
### UNI-SAVE

Is a universal access control system protection module and much more. It is made of a modular metal structure that can be adapted to different applications, such as for example, to protect "POLY" chain barrier (2 elements) or "ELIOX" solar-powered barrier (3 elements).

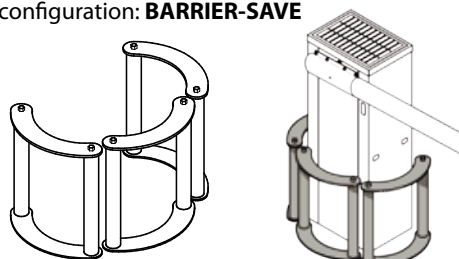


round high-strength steel frame with steel columns

configuration: **POLY-SAVE**



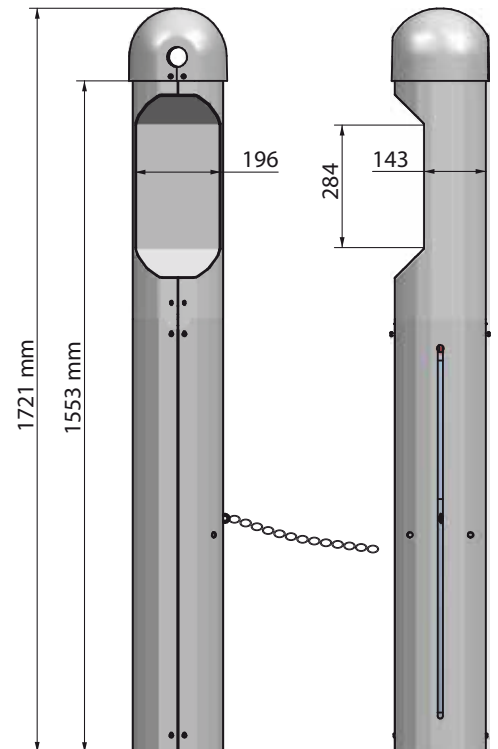
configuration: **BARRIER-SAVE**



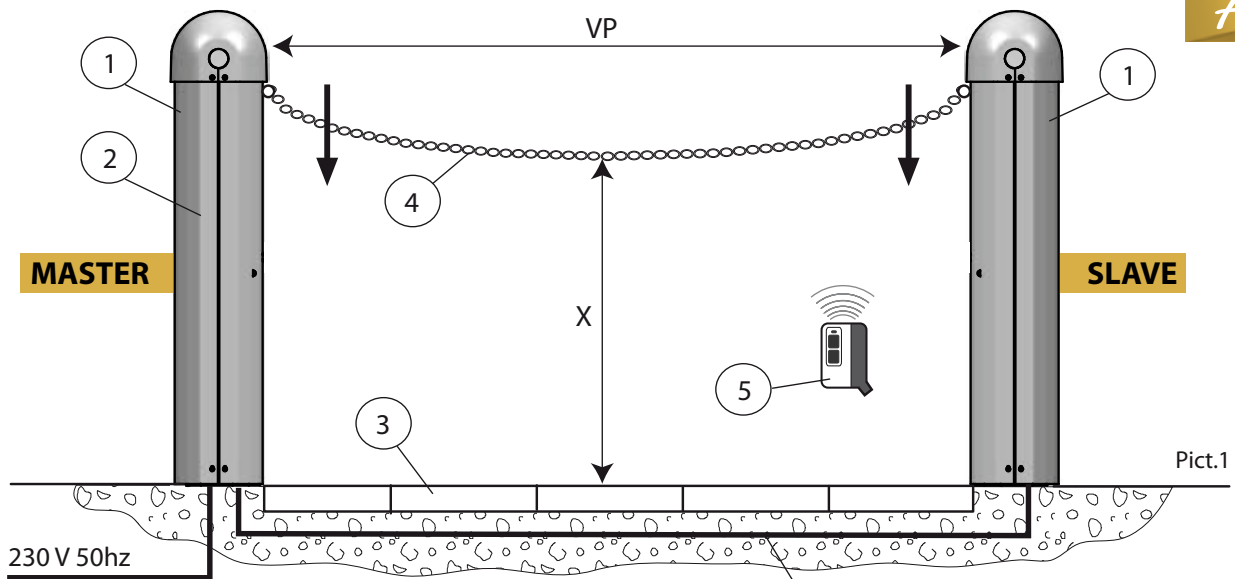
**APE - 150 / 8038**  
UNI-SAVE

### SERVICE PLUS

This is an integrated automation solution, exclusive in this field. It allows the application of command and control accessories (entry-phones, cameras, card readers and codes, etc..) without the need for alternative housings and non-integrated.



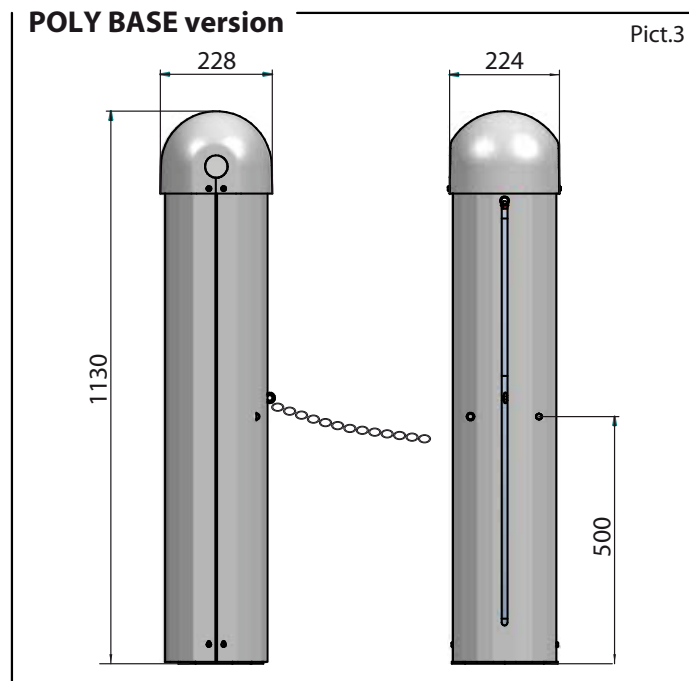
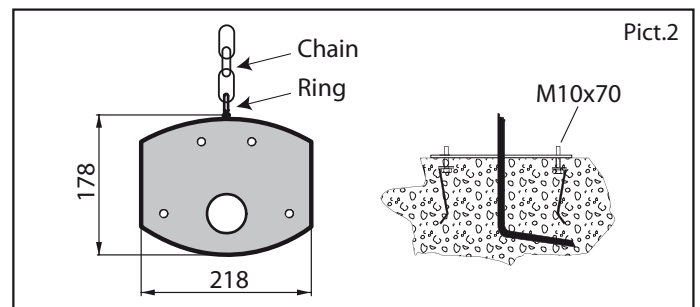
**APE - 150 / 8050**  
SERVICE PLUS



- [1] Lift-chain POLY
- [2] Control unit
- [3] Underground channel for chain
- [4] Chain
- [5] Radio transmitter
- [VP] Chian lenght (m)    4   6   8   10   12   14   16
- [X] Chain height    (cm) 75 70 65 60 55 50 45

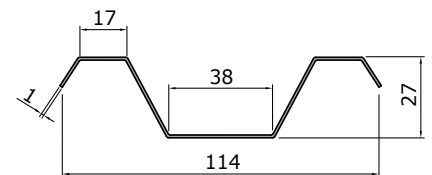
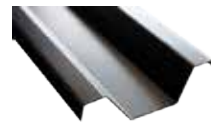
- Cables: - n°2 x 2,5mm<sup>2</sup> (engine)  
 - n°3 x 0,75mm<sup>2</sup> (photocells)  
 - n°2 x 0,75mm<sup>2</sup> (flashing lamp)  
 - n°2 x 0,75mm<sup>2</sup> (courtesy light)

TECHNICAL FEATURES	
Power supply	230 V~/50Hz
Absorption	1.0 A
Motor power	60 W
Torque	645 Ncm
Class of service	intensive
Cycle (work/pause)	50%
Opening/closing time	about 10-11 sec.
Operating temperature	-20° C / +50 °C
Degree of protection	IP 55
Lubrication	permanent
Weight	25 Kg



### FLOOR GUIDE

#### POLY-INCA

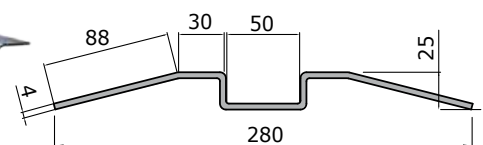
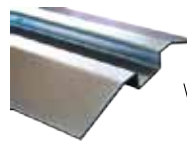


Recess groove for protecting the chain Ø5 mm 114 x 27 mm  
 Length: 2mt cataphoresis treatment

**APE - 150 / 8006**

**POLY-INCA**

#### POLY-PAVI


















Floor groove for protecting the chain.  
 Length: 2mt  
 Width: 300 mm  
 Height: 30 mm

**APE - 150 / 8007**

**POLY-PAVI**



## Special automations/ Automatic chain barrier

Product image	Name - Code - Description
 	<p><b>POLY-MASTER</b> (cod. APE-150/8000): automatic lift-chain barrier, single column right or left, complete with a microprocessor control unit for controlling two DC motors at 24Vcc, slowing down speed function at full stroke. Three operating modes and 868 MHz radio receiver, built-in.</p> <ul style="list-style-type: none"> <li>- Poly Master <b>includes</b> 2 x POLY-LAMP boards + 1 POLY-ELE board</li> <li>- n.1 courtesy light spot high intensity 1W, IP66 (crepuscular sensor not included)</li> </ul>
 	<p><b>POLY-SLAVE</b> (cod. APE-150/8002): automatic lift-chain barrier, single column left or right, without control equipment. N°1 courtesy light spot high intensity 1W, IP66 (crepuscular sensor not included)</p>
	<p><b>POLY-PF</b> (cod. APE-150/8003): foundation plate to floor completed with screws</p>
	<p><b>POLY-CAT</b> (cod. APE-150/8004): pack of 8 m. galvanized chain Ø5 mm.</p>
	<p><b>POLY-CAT4</b> (cod. APE-150/8009): pack of 16 m. galvanized chain Ø5 mm.</p>
	<p><b>POLY-CAT2</b> (cod. APE-150/8005): pack of 8 m. galvanized chain Ø5 mm, painted RAL red colour</p>
	<p><b>POLY-CAT3</b> (cod. APE-150/8008): pack of 16 m. galvanized chain Ø5 mm, painted RAL red colour</p>
	<p><b>POLY-INCA</b> (cod. APE-150/8006): recess groove for protecting the chain. <b>POLY-PAVI</b> (cod. APE-150/8007): floor groove for protecting the chain.</p>
	<p><b>POLY-RING</b> (cod. APE-150/8011): safety ring for metallic chain. Breaking point with impact strenght at 150 Nm.</p>
	<p><b>EGO433</b> (cod. APE-550/1150): 433,92 MHz 4 channel transmitter</p>
	<p><b>INFRA16</b> (cod. APE-150/8508): photo switch wall mounted, 16mt. max</p>
	<p><b>POLY-PPF</b> (cod. APE-150/8757): 2x protection plates for photo switch</p>
	<p><b>POLY-LAMP</b> (cod. APE-150/8503): 12/24 volt LED flashing lamp, white light. Integrated internal accommodation in the column. Single pack. Optional for POLY-SLAVE</p>
	<p><b>POLY-BATT + support bracket</b> (cod. APE-150/8600): pair of 12 volt batteries for operation in the event of a power network lack. Battery management provided in the control unit.</p>
<p><b>INOX</b></p>	<p><b>POLY-MASTER INOX / POLY-SLAVE INOX</b>: stainless steel version (on request)</p>

### Common composition for 8 mt. passage:

- n°1 cod. APE-150/8000 - POLY-MASTER
- n°1 cod. APE-150/8002 - POLY-SLAVE
- n°1 cod. APE-150/8004 - POLY-CAT
- n°2 cod. APE-150/8003 - POLY-PF
- n°4 cod. APE-150/8006 - POLY-INCA
- n°1 cod. APE-150/8011 - POLY-RING
- n°1 cod. APE-150/8508 - INFRA16
- n°1 cod. APE-550/1150 - EGO433

