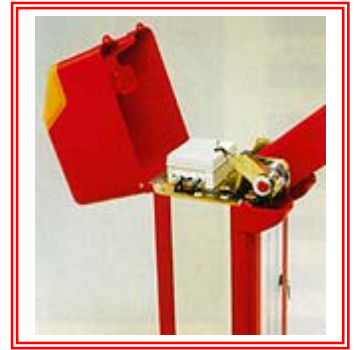


Liberali EL Series

Electromechanical Automatic Barrier System

EL series Aluminium have opened a new generation of road barriers for which innovative materials and newly conceived technology have been used. The new solutions also in the design give the product a pleasing modern shape. Trustworthiness and silence in operation are guaranteed in all the models (standard and rapid)



Technical description

The extremely reliable mechanics have found their perfect position inside a structure, which has been exhaustively studied in order to guarantee a one hundred percent resistance to atmospheric agents.

The cabinet housing made up of modular components in anodized aluminium has a lockable access door to the manual maneuvering with security relay.

* The lockable, hinged, flip back hood (allowing access to the electronic and adjustable components) is made out of shock proof plastic. The following luminous indicator lights (Optional) can be mounted on the hood: A: White courtesy lights. B: Yellow warning light (barrier in operation)

* The incorporated electronic programmer is factory set for the connection of all accessories.

* The central bar-attachment housing gives the barrier a perfect symmetry and the possibility to positioned either to the left or to the right of the passageway.

* Regular and silent in movement: This feature is guaranteed by the internal spring balanced movement control.

* The barrier is locked when in its closed position due to the irreversible movement control. The barrier can be easily be maneuvered manually (in the case of power failure) from within the lockable cabinet. The bar made out of aluminium with reflective red and white stripes and is completed by adding a rubber contact safety tube to lower edge.

* The installation (for all models) is easy and quickly carried out. No fixed structure is required as the base of the cabinet is anchored to the ground. The modular structure allows easy maintenance after the installation in order to facilitate the replacement of bodywork parts accidentally damaged during its service life.

* The unit does not require periodic servicing.

Liberali AL series is suitable for used on passageway, including parking lots, private roads, factories and motorway entrance

EL 312 Rapid barriers: For passageways of not more than 3 metres.

EL 412 Rapid barriers: For passageways of not more than 4 metres.

EL 612 Standard barriers: For passageways of not more than 6 metres.

Overall dimensions:

EL312 H 1170mm X300mm X 410mm (Pavement base 300mmX300mm)

EL412 H 1170mm X355mm X 410mm (Pavement base 300mmX300mm)

EL312 H 1170mm X355mm X 410mm (Pavement base 300mmX355mm)

Specification

Model	Weight Kg	Power supply (V)	Absorption A	Power Consumption W	Intermittent Working %	Rev/min	Torque da N/m	Trust da N/m	Travel Time (Sec)	Capacitor UF
EL 312	55	220-240	2.4	500	Continuous	10	110	-	2	20
EL 412	55	220-240	2.4	500	80	5.5	200	-	4	20
EL 612	60	220-240	2.4	500	50	2	400	-	12	20

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