



# Block 600

HYDRAULIC BOLLARD FOR TRANSIT AND PARKING AREAS AND FOR THE PROTECTION OF PUBLIC ACCESS

new

Hydraulic Bollards



Manual release

- Compact version with incorporated hydraulic device for easy installation, with hydraulic fast connections
- Easy release system with personalized key
- External control unit
- Integrated foundation box and vehicle manhole cover
- 5 mm thickness; on request also in stainless steel cylinder
- Integrated electrovalve for automatic drop in the case of power failure N.O.
- On request SEM card for traffic light management WLIGHT and limit switch position.
- On request MASTER- SLAVE kit for connection in series of 2 or 2 groups of synchronized bollards
- Magnetic limit switch in opening and closing IP67



LED lighting system with new IP67 connections

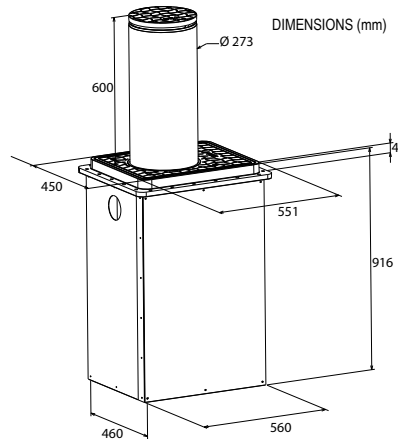
## MODELS

**BLOCK 600 ELV** complete with led lights

**BLOCK 600 ELV INOX SS** complete with led lights

**BLOCK 600 ELV FAST 400 V** complete with led lights

*ELV : Electrovalve N.O. (normally open) for automatic descend when power Off  
On request N.C. valve*



## ACCESSORIES



**WLIGHT** with red / green lights\* use SEM card



**SLIGHTRED** Red light with 18 leds



**SLIGHTGREEN** Green light with 18 leds



**RAL Supplement RAL (grey anthracite)**



**SEM2 card traffic light WLIGHT management**



**KEY** Lock release



**KIT MASTERSLAVE**



**ELBLOCK** Electrovalve NC



**KIT BOLDS** Kit bolts 8 pcs



**Pressostat**

## HYDRAULIC UNIT

Hydraulic pump capacity	4 l/min
Average operation pressure	2.2 MPA (22 bar)
Maximum pressure adjustment	4.5 MPA (45 bar)
Operation temperature	-20°C + 55° C
Hydraulic oil	SEA
Protection class	IP67
Power supply electrovalve	24V

## ELECTRIC MOTOR

Power Supply	230V - 50 Hz
Absorbed Current	1.65 A
Motor Power	330 W
Capacitor	20 mF
Rotation speed	2800 rpm

## FREQUENCY OF USE

Frequency of use	60%
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## HYDRAULIC PISTON

Exit time of the rod	6 sec.
Rod effective stroke	600 mm
Rod diameter	30 mm
Max thrust during rod exit	220 kg
Power supply obstruction light (led)	24V
Shock resistance	25.000 Joule
Crashing resistance	300.000 Joule





# Super Block 600 - 900



SHATTERPROOF, HYDRAULIC BOLLARDS FOR THE PROTECTION OF HIGH SECURITY AREAS, PARKING AREAS AND PUBLIC ACCESS



Manual release



- Compact version with incorporated hydraulic device for easy installation, with hydraulic fast connections
- Easy release system with personalized key
- External control unit (SEA recommends GATE 1 or GATE 2)
- Integrated foundation box and vehicle manhole cover
- 12 mm thickness
- Integrated electrovalve for automatic drop in the case of power failure N.O.
- On request SEM card for traffic light management WLIGHT and limit switch position
- On request MASTER- SLAVE kit for connection in series of 2 or 2 groups of synchronized bollards
- Magnetic limit switch in opening and closing IP67



LED lighting system with new IP67 connections

## MODELS

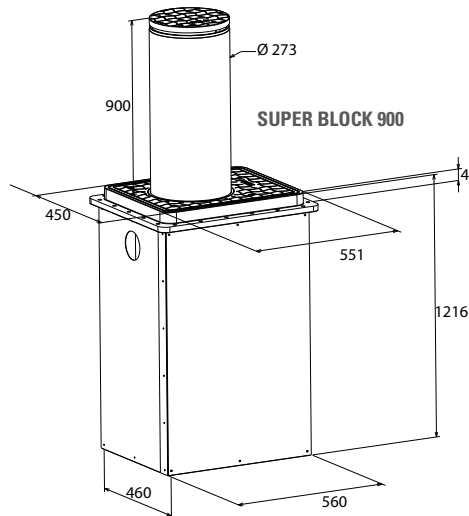
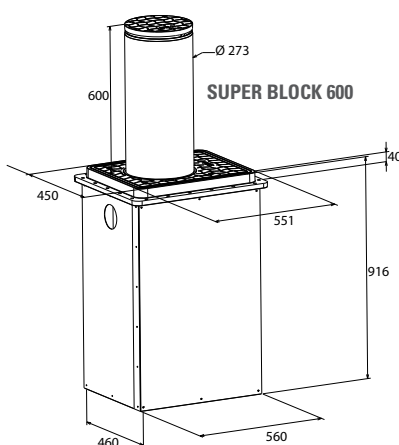
**SUPER BLOCK 600 ELV** complete with lights

**SUPER BLOCK FAST 900 ELV - 400 Vac** complete with lights

**SUPER BLOCK 900 ELV** complete with lights

**ELV:** Electrovalve N.O. (normally open) for automatic discend when power Off  
On request N.C. valve

**ELV:** Electrovalvola N.O. (normalmente aperta) per discesa automatica in caso di assenza di corrente  
Su richiesta valvola N.C.



## ACCESSORIES



**WLIGHT** with red / green lights\* use SEM card



**SLIGHTRED** Red light with 18 leds



**SLIGHTGREEN** Green light with 18 leds



**RAL Supplement** RAL (grey anthracite)



**SEM2 card** traffic light WLIGHT management



**KEY** Lock release



**KIT MASTERSLAVE**



**ELBLOCK** Electrovalve NC



**KIT BOLDS** Kit bolts 8 pcs



**Pressostat**

## HYDRAULIC UNIT

Hydraulic pump capacity	4 l/min
Average operation pressure	2.2 MPA (22 bar)
Maximum pressure adjustment	4.5 MPA (45 bar)
Operation temperature	-20°C + 55° C
Hydraulic oil	SEA
Protection class	IP67
Power supply electrovalve	24V

## ELECTRIC MOTOR

Power Supply	230V - 50 Hz / 380 Vac T
Absorbed Current	1.65 A
Motor Power	330 W
Capacitor	20 mF
Rotation speed	2800 rpm

## FREQUENCY OF USE

60% - 400 V (90%)

## HYDRAULIC PISTON

Exit time of the rod	6 sec / 9 sec.
Rod effective stroke	600 / 900 mm
Rod diameter	30 mm
Max thrust during rod exit	220 kg
Power supply obstruction light (led)	24V
Shock resistance	40.000 Joule
Crashing resistance	400.000 Joule