



230<sub>VAC</sub>



High impact  
resistance



## FEATURES

- Automatic, hydraulic, certified, anti-terrorism bollard, available with cylinder in painted steel or electropolished stainless steel AISI 316, able to withstand an impact with a vehicle of 7500 kg launched at a speed of 48 km/h
- The emergency function E.F.O. (Emergency Fast Operation) is available upon request and allows a fast raising in 1.5 seconds
- Cylinder with built-in LED lights, the control unit can manage 2 bollards at the same time
- Foundation box complying with the EN124 (40T) regulation and independent hydraulic pump for each bollard, laterally positioned in order to avoid any damage in the event of an impact and facilitate the maintenance
- In the event of a power failure, the bollard will remain in the raised position (manual release)
- Heating for the foundation box and buzzer available as accessories

## SUGGESTED USE IN:

- Company or factory access driveways
- Embassies
- Police stations
- Military bases
- Ministerial buildings
- Sensitive sites



## AVAILABLE MODELS

### MAX M30

Automatic hydraulic anti-terrorism bollard with anti-corrosion cataphoresis treatment and RAL9011 "Graphite Black" painting

### MAX M30 - I

Automatic hydraulic anti-terrorism bollard with AISI316 electro-polished stainless steel sleeve

### MAX M30 EFO

Automatic hydraulic anti-terrorism bollard with emergency fast operation (E.F.O.) and anti-corrosion cataphoresis treatment and RAL9011 "Graphite Black" painting

### MAX M30 EFO - I

Automatic hydraulic anti-terrorism bollard with emergency fast operation (E.F.O.) and AISI316 electro-polished stainless steel sleeve

## ACCESSORIES

### CA.M30

Foundation case made of galvanised steel and cast iron

### MAX.CP

Control unit able to manage 2 bollards MAXIMUM

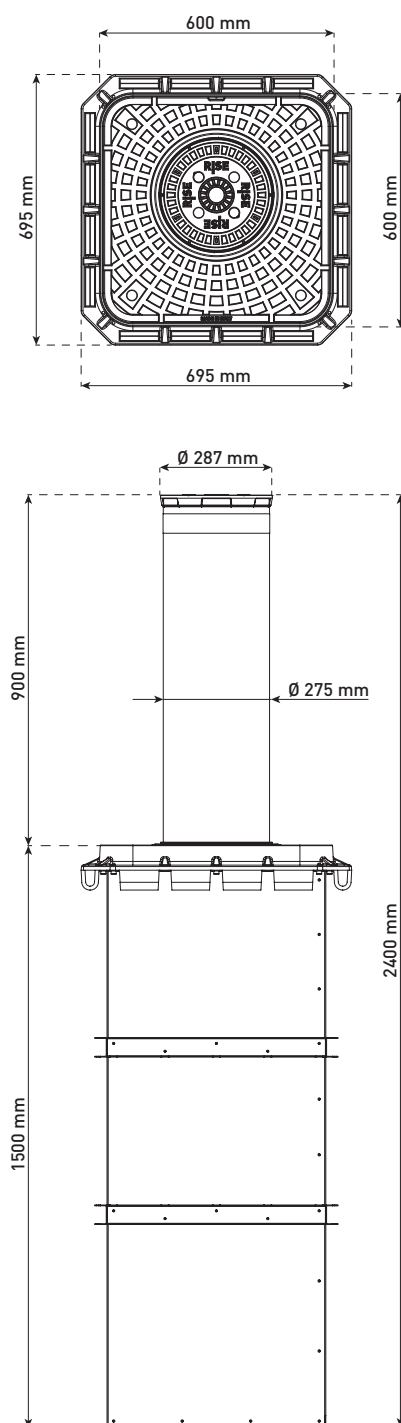


# MAXIMUM M30

Automatic hydraulic anti-terrorism bollard

Ø 275 mm • H900 mm • →← 10 mm

## TECHNICAL DRAWING



## CRASH TEST AND CERTIFICATE



WATCH THE VIDEO ON YOUTUBE  
[https://www.youtube.com/watch?v=4Do\\_0B4R6al](https://www.youtube.com/watch?v=4Do_0B4R6al)



IWA 14-1:2013 V/7200  
[N3C]/48/90: -0.8



PAS68:2013 V/7500  
[N3]/48/90: -0.5



ASTM F2656 Rating  
C730/7200 - P1 [-0.8]



### TECHNICAL DATA

TECHNICAL DATA	MAX M30	MAX M30 - I	MAX M30 EFO	MAX M30 EFO - I
Cylinder height	900 mm			
Cylinder diameter	275 mm			
Cylinder material	Steel S355JR EN 10210			
Raising time	4,5 seconds			
Lowering time	4,5 seconds			
Power supply	230V 50Hz (control panel with different voltages available on request)			
Hydraulic pump	Built-in			
Load index (EN124)	D400 (40 tonnes)			
Manual lowering cycle in case of power failure	Yes (manual release under the base flange)			
Automatic lowering cycle in case of power failure	Option			
Obstacle detection during the rising cycle	Option			
Emergency fast operation (E.F.O.)	NO		YES	
Emergency rising time (with E.F.O.)	N/A		1,5 seconds	
Daily cycles	3.500			
Life units	3.000.000			
Certifications	IWA 14-1:2013 V/7200 [N3C] /48/90: -0.8 PAS68:2013 V/7500 [N3] /48/90: -0.5 ASTM F2656 Rating C730/7200 - P1 [-0.8]			
Impact resistance	250.000 J			
Brekout resistance	850.000 J			
Operating temperature	-40°C ÷ +60°C (Thermostat available as option for temperatures lower than -10°)			
Protection class	IP67			
Weight (without foundation case)	340 kg	350 kg	348 kg	358 kg

RISE Srl  
Sede legale:

Via del Capitello, 45  
36066 Sandrigo (VI)

Sede operativa:

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Moving