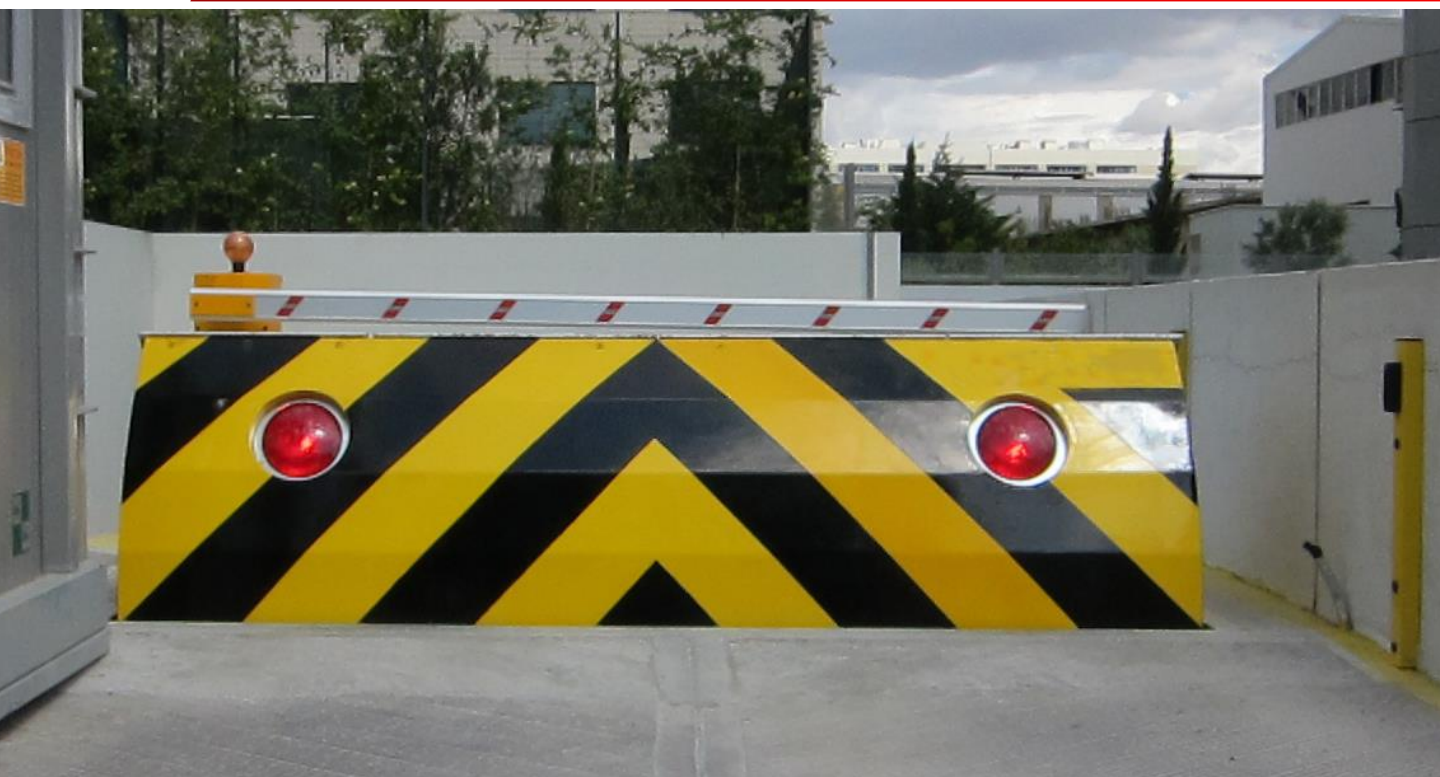


DEEP MOUNT ROAD BLOCKER/MODEL TITAN



Technical information:

Installation type:	Underground
Structure type:	Solid steel construction with hot dip galvanized
Width of blocked space:	from 1000 mm to 6000 mm
Height of raised obstacle:	from 650 mm to 1200 mm (standard size is 665 mm)
PLC (Programmable Logic Controller) type:	MITSUBISHI PLC located in external cabinet (service worldwide)
PLC (Programmable Logic Controller) location:	In external cabinet located up to 7 meter away from road blocker
Electro-hydraulic drive unit:	In external cabinet up to 7 meter away from road blocker. A lockable weather resistant enclosure/cabinet is provided for the HPU. The design provides easy access to HPU for maintenance and emergency operations of the hydraulic system. Enclosure is provided in the corrosion resistant coating.



File ver. 5, revised 25.01.2018

DEEP MOUNT ROAD BLOCKER

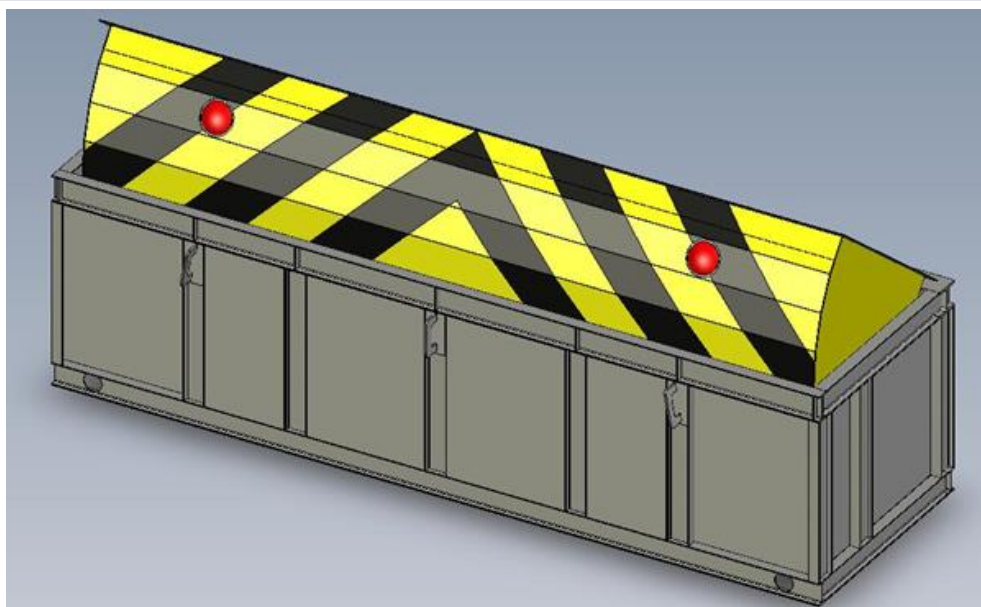
MODEL TITAN



DEEP MOUNT ROAD BLOCKER

MODEL TITAN

Axis load:	Standard 11,5 tones (higher axis load available on request, please Contact our sales department)
Operation temperature:	From -40 to +60 degree Celsius (higher temperatures available on request, please contact our sales department)
Top cover:	Made of 6 or 8 mm anti slippery checker plates hot dip galvanized acc. ISO EN 1461
Standard equipment (included in the basic set):	<ul style="list-style-type: none">- Pushbutton box control panel (OPEN/STOP/EMERGENCY STOP/CLOSE)- Hydraulic Manual Emergency Pump (Manual operation in case of power supply failure, allows to raise and lower the road blockers in case of power failure)- 2 pcs warning lights included in the mobile obstacle- 9 m long Hydraulic Hose and electric wires



DEEP MOUNT ROAD BLOCKER

MODEL TITAN

Emergency manual opening:	By integrated hydraulic Manual Emergency Pump
Corrosion protection:	All steel elements hot dip galvanized, mobile obstacle powder painted to YELLOW/BLACK
Control devices:	Pushbutton in the guard both (OPEN/STOP/EMERGENCY STOP/CLOSE)
Opening time:	Approx. 4-6 seconds
Emergency manual opening:	By integrated hydraulic pump
Safety light:	2 pcs safety lights integrated in the moving element
Corrosion protection:	All steel elements hot dip galvanized acc. ISO EN 1461, moving element painted yellow/black strips
External cabinet system protection grade:	IP 55
Power supply:	3x400VAC 50Hz, 3-phase, 50/60Hz, approx. 7.5 KW, 380V-415V
Resistance to impact:	Very resistance to impact (stop a heavy vehicle launched at high speed) rated by desing to K4 (ASTM F2656-07 M30-PI) standard.
Warranty:	24 months



DEEP MOUNT ROAD BLOCKER

MODEL TITAN – OPTIONAL EQUIPMENT

Against surcharge, not included in the basic set

- ✓ Emergency Fast Opening (less than 1,5 seconds) by Hydraulic Accumulator
- ✓ 2 channel loops detector
- ✓ UPS (Unlimited Power Supply) allowing to operate a chosen amount of cycles
- ✓ Traffic lights (2 ways traffic) for both road blockers
- ✓ Remote controller
- ✓ Proximity card post
- ✓ Internet online control module TCP/IP
- ✓ Ethernet online control module (LAN)
- ✓ Integration with Milestone, Honeywell (Prowatch), Bosch (BIS) system or other systems



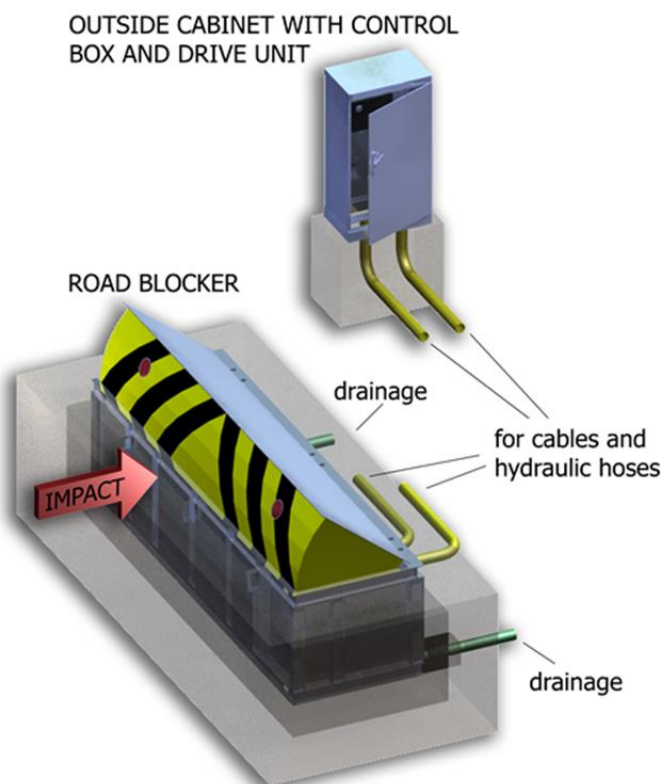
DEEP MOUNT ROAD BLOCKER

MODEL TITAN – ELEMENTS OF SYSTEM

The system consist of:

- Road Blocker which absorbs the impact
- Outside Cabinet with Control Box with drive unit which is to be placed up to 7 meter form the Road Blocker

Both elements of the system are connected with 9 metres long electrical cables and 9m long hydraulic hoses, which have to be place into the ground in round connection pipes during mechanical installation.



DEEP MOUNT ROAD BLOCKER

MODEL TTIAN – EXTERNAL CABINET WITH DRIVE UNIT & CONTROL UNIT



HPU + internal cabinet



HPU+ Internal Cabinet IP66



External Cabinet IP55



Internal Cabinet IP66

DEEP MOUNT ROAD BLOCKER

MODEL TITAN – STANDARD EQUIPMENT

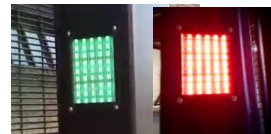


→ Control Console

MODEL TITAN – OPTIONAL EQUIPMENT



→ Proximity Card Reader



→ LED traffic post



→ Loop Detector



→ UPS/ Unlimited Power Supply



→ Safety Photocells



→ Hydraulic Accumulator for Emergency Fast Operations



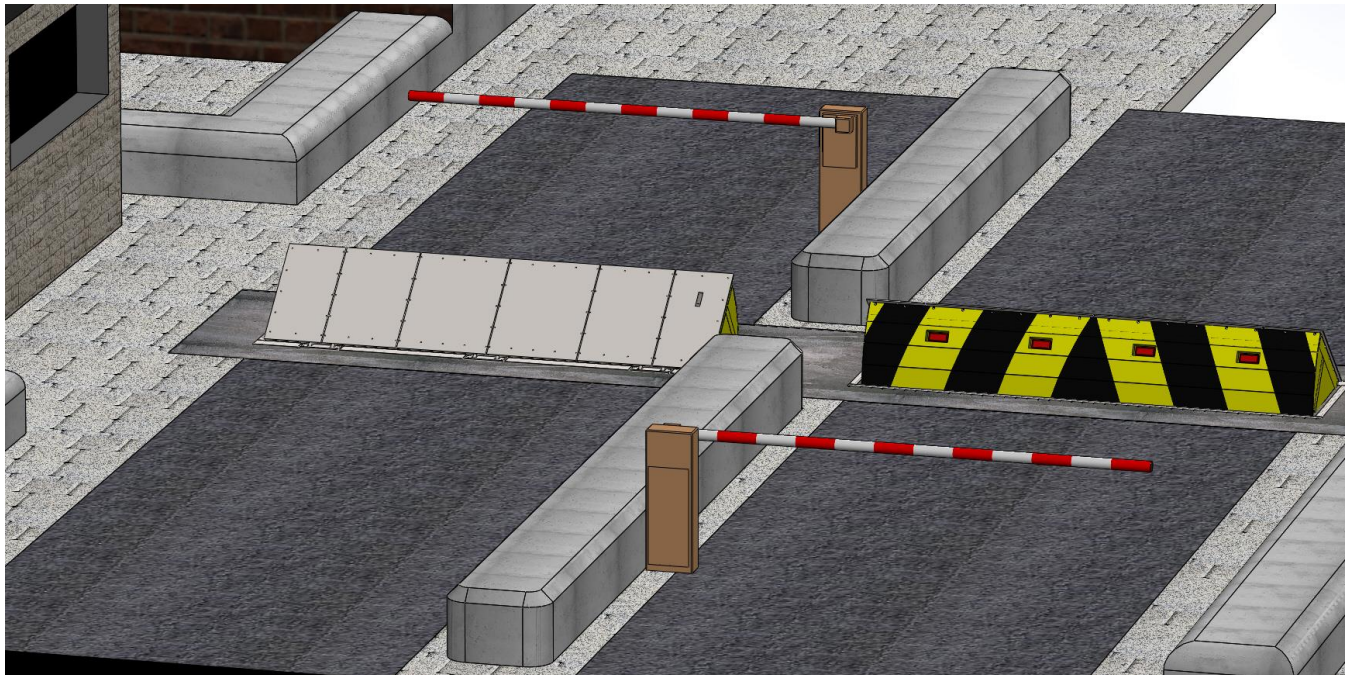
→ LED traffic light on separate post

DEEP MOUNT ROAD BLOCKER

MODEL TITAN – INSTALLATION WORKS

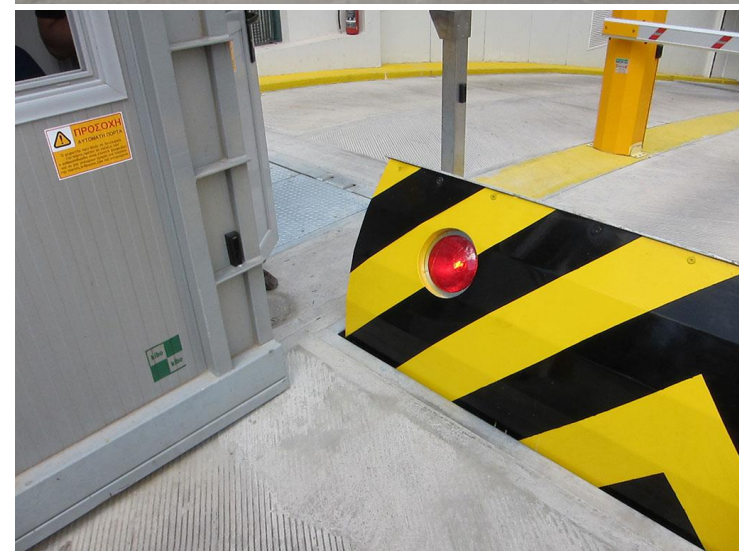


SAMPLE SITE ENTRANCE CONFIGURATION



DEEP MOUNT ROAD BLOCKER

MODEL TITAN – REFERENCE



DEEP MOUNT ROAD BLOCKER

MODEL TITAN – REFERENCE



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