

ROAD BLOCKERS HIGH SECURITY SPEEDBUMPS

Crash-tested
according to



ASTM F2656/F2656M-15, M30, P1 (-0.67m)
IWA 14-1, Blocker V/7200[N2B]/48/90:0.25



RELIABLE, PRACTICAL AND COST-EFFECTIVE SOLUTION TO
PROVIDE 100% SECURITY OF YOUR TERRITORY

TiSO high security Seedbump is a unique vehicle access solution. Its biggest advantage refers to installation type options, including both surface or shallow mounting. Dealing with surface installation, in raised position on this road blocker serves like a regular road blocker. On the other hand, it takes speed hump function when closed. Being certified according ASTM F2656/F2656-15, M30, P1(-0.67m) and IWA14-1, BlockerV/7200[N2B]/ 4890:0.25 standards, this security equipment is useful to provide high anti-terror driveway protection level. Wide range of optional configurations enables it to be applicable to large variety of projects.

Installation areas

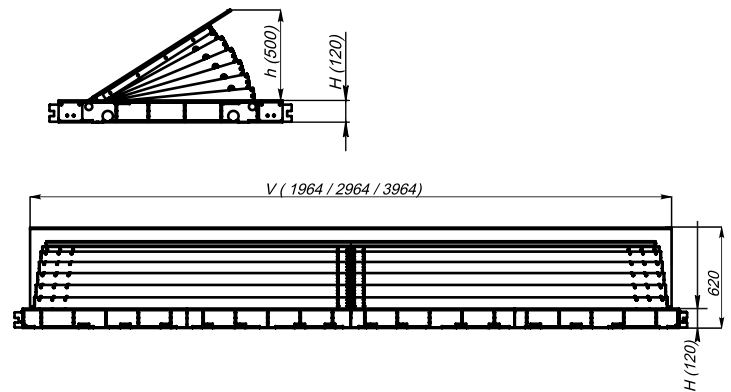
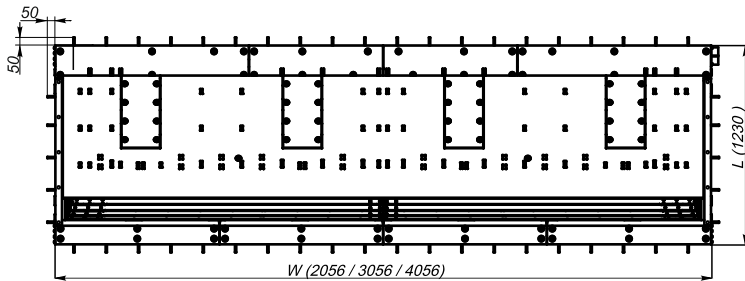
- Governmental Institutions
- Military Bases
- Nuclear Power Plants
- Production sites (Industrial Plants)
- Commercial areas
- Financial institutions
- Airport Premises
- Business (Office) Center
- Hotels
- Sport Complexes
- Recreation areas
- Urban areas
- Education Institutions



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M30 HIGHT SECURITY SPEEDBUMP
(SHALLOW MOUNTED)



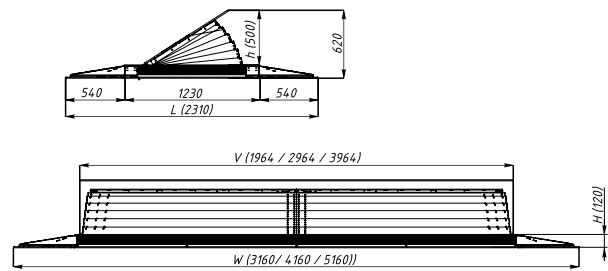
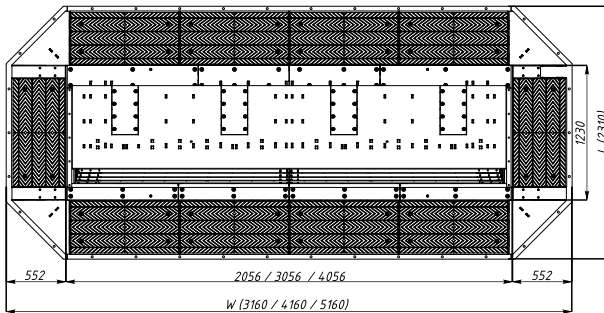
TECHNICAL SPECS:

Model	RB359-02	RB359-03	RB359-04
Installation type	Above the ground (with ramps)/shallow mounted		
Drive	Hydraulic		
Width (W), mm	2000	3000	4000
Height, mm	500		
Impact resistance, J	664 000		
Axle load, t	15		
Rising/lowering speed, sec	3,5/3,5		
Operating temperature**, °C	-40 / +60		
Power supply	3Ph - 400 V		
Protection level	IP 67 for Road blocker IP 54 for control box		
Materials	- Structural steel C22 (powder coated) - Structural rubber		

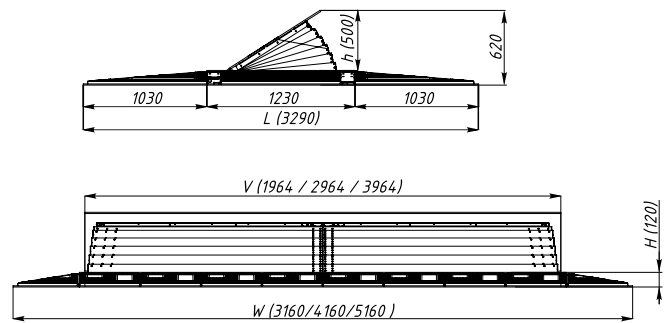
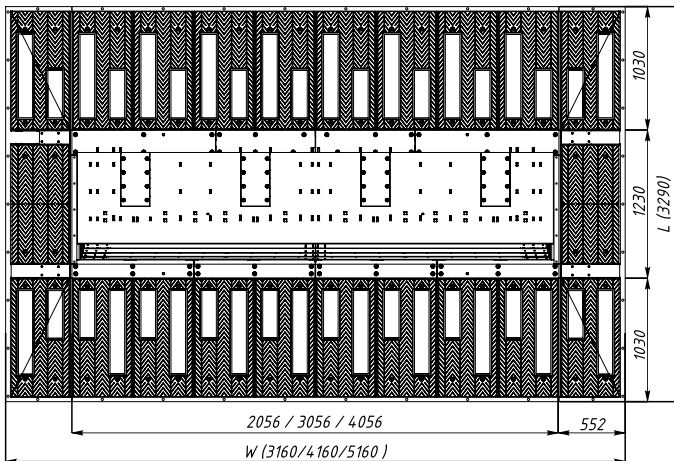
*for temperatures lower than -10 °C use the heating device
for temperatures higher than +40 °C use the cooler device



M30 HIGHT SECURITY SPEEDBUMP
(ABOVE THE GROUND (WITH RAMPS 500 MM))



M30 HIGHT SECURITY SPEEDBUMP
(ABOVE THE GROUND (WITH RAMPS 1000 MM))





Contracting Client:
TISO PRODUCTION; LTD.
72; Yamska str.
03150 Kyiv
Ukraine

Certificate

of passed Barrier Testing Programme



Type of Product:	Road Blocker Speedbump „AUIA - 359-04“
Test Standard:	ASTM F2656/F2656M-15 IWA 14-1:2013
Test Standard Classification:	ASTM: C730 IWA: N2B-48km/h
Test Date:	December 15, 2016
Vehicle Restrained:	yes
Vehicle Immobilized:	yes
Test Vehicle Kinetic Energy at Impact:	664 kJ
Penetration Rating ASTM:	P1 (-0.7 m)
Performance Rating IWA:	Blocker V/7200[N2B]/48/90:0.3
Underlying CTS-Test Report No.:	11523_2851_18531

Sincerely,

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