

ROAD BLOCKERS

HIGH SECURITY CYCLOPES

Crash-tested according to

ASTM F2656/F2656M-15, M40, P1 (-1,7m)
IWA 14-1, Blocker V/7200[N2B]/64/90:12,1



ASTM INTERNATIONAL



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

High security Cyclopes designated for providing pedestrian friendly vehicle access control to protected perimeter. Being certified according to ASTM F2656/F2656M-15, M40, P1(-1,7) & IWA14-1, BlockerV/7200[N2B]/64/90:12.1 standards, this modification ensures anti terrorist defense of site. In contrast to bollards, TiSO road blocker requires shallow mounting installation depth. This motorized platform has hydraulic drive and has been engineered to keep high intensity operation mode. Wide range of optional configurations enables it to be widely applicable security solution for variety of projects.

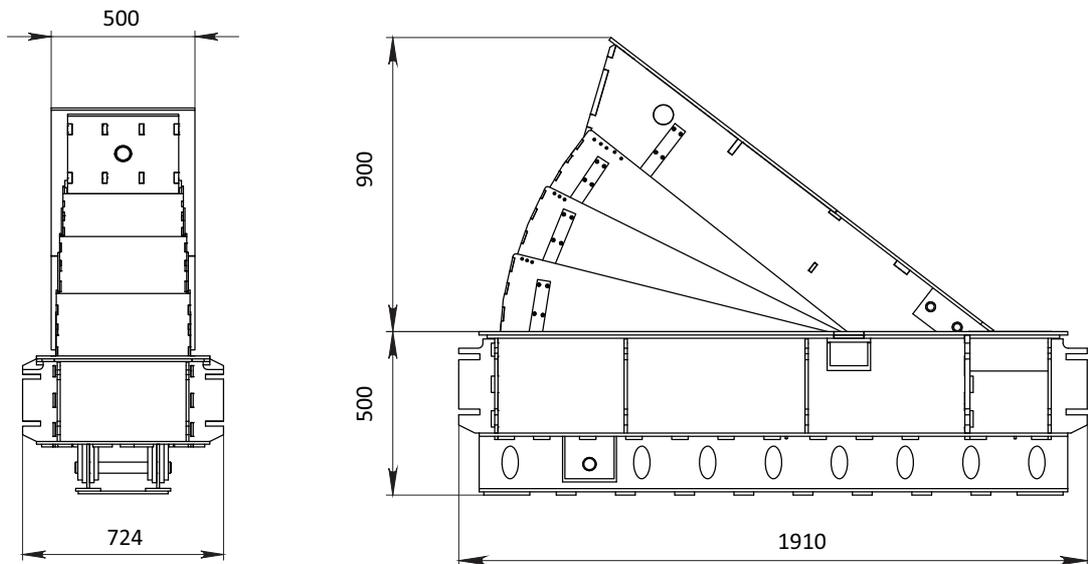
Installation areas

- 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



www.tiso.global
+380 (44) 291-21-11
e-mail: sales@tiso.global





TECHNICAL SPECS:

| | |
|--------------------------------|---|
| Model | RB320-02 |
| Installation type | Shallow mounted |
| Drive | Hydraulic |
| Width, mm | 500 |
| Height, mm | 900 |
| Foundation case dimensions, mm | 1910x724x500 |
| Impact resistance, kJ | 1181 |
| Load per axle, t | 15 |
| Rising time, sec | 5,6 |
| Lowering time, sec | 3,4 |
| Operating temperature*, °C | -40/+60 |
| Power supply | 3 phase 400 V, 50/60 Hz |
| Protection level | IP 67 for Road blocker IP 55 for control box |
| Materials | Structural steel C22 (powder coated) |

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



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

Certificate

of passed Barrier Testing Programme



| | |
|--|---|
| Type of Product: | Road Blocker Cyclope „AUIA - 320-02“ |
| Test Standard: | ASTM F2656/F2656M-15 IWA 14-1:2013 |
| Test Standard Classification: | ASTM: C740 IWA: N2B-64km/h |
| Test Date: | September 12, 2016 |
| Vehicle Restrained: | yes |
| Vehicle Immobilized: | yes |
| Test Vehicle Kinetic Energy at Impact: | 1181 kJ |
| Penetration Rating ASTM: | P1 (-1.7 m) |
| Performance Rating IWA: | Blocker V/7200[N2B]/64/90:-0.2 |
| Underlying CTS-Test Report No.: | 11523_2811_18476 |

Sincerely


crashtest-service.com®
 Amelunxenstraße 30 Telefon: +49 (0) 25 06 / 70 90 070
 48167 Münster Telefax: +49 (0) 25 06 / 70 90 058
 Dipl.-Ing. Peter Schirmelpfennig Web: www.crashtest-service.com
 (Managing Partner) E-Mail: info@crashtest-service.com

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Amelunxenstraße 30, 48167 Münster, Germany

www.crashtest-service.com



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+380 (44) 291-21-11
e-mail: sales@tiso.global

