

Security Systems

CRASH TESTED HYDRAULIC ROAD BLOCKER | **HRR-HS-CT**

Optima HRR-HS-CT series crash tested road blockers are designed especially for entrance points that have a threat of vehicle attack or for the ones that have high-security requirements. If there is a threat of vehicle attack in addition to the control of vehicle access in high-security applications, crash-tested road blockers are the unique solution and one of the most secure systems. Even though the attack is from high tonnage vehicles with high speeds, the vehicle can't keep on moving because of the damage given to front, wheels and the bottom of the vehicle.



Optima HRR-HS-CT road blockers are crash tested and certified
PAS68:
V/7500[N3]/80/90:0.0/6.1.5
(This means that M50- P1
"zero penetration"
according to American
standard which is
equivalent to ASTM
F2656-07 standard).

SYSTEM FEATURES

MODEL	HRR-HS-CT
Raise and Lower Times	3-5 seconds Emergency Fast Operation (EFO) : 1.5 s , with charged accumulator
Road Blocker Width	2000-6000 mm
Road Blocker Height	1100 mm
Power Failure	Manual hand pump
Material	St37 Steel
Color	RAL 1028 yellow / RAL 9005 black
Motor Protection	Thermic breaker
Electric Motors Drive	With contactor
Operating Pressure	50-140 bars
Control Electronics	Optima Control Card
Power Consumption / Insurance Value	4 kW - 7.5 kW / 25A-3P-C FUSE -32A-3P-C FUSE

Keyboards

Desktop Keyboard

Coolers or Heaters

Optional cooling or heating fan inside the hydraulic power unit

Environmental Conditions and Power Requirements

Between -15°C and +65°C, 95% non-condensing humidity; 380V, 3 phase, 50-60 Hz (or 220V/440V/etc, three phase, 50-60 Hz, optional by transformer)

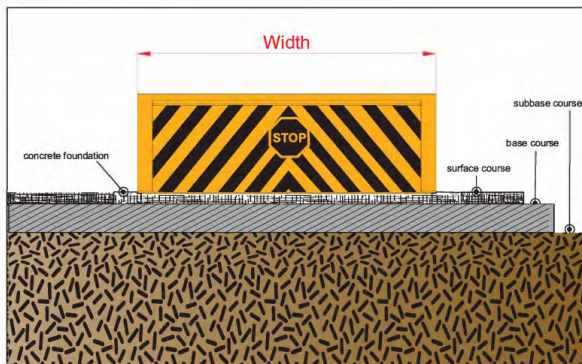
ACCESSORIES

Accessories marked with () are optional.*

- SCADA or any control system: It is possible to change and check the position of barrier with touch screen control panel *
- Red/green traffic lights with steel pole *
- Safety photocell *
- Stand and casing for safety photocell *
- Dual vehicle safety loop detector *
- Remote Control (Up / Down / Emergency Stop - Emergency Raise) *
- Led Flashing light in front of road blocker *
- Protective construction(tubular) around drive unit *
- Optima Cloud. To control barrier by mobile devices (ios-android), computer, etc. *
- Uninterrupted power supply (UPS) *
- DC motor and pump with dry batteries *
- Wrong direction alarm *
- High speed alarm *
- Heavy duty submersible drainage pump *
- Hydraulic accumulator *
- Transformer to convert the power *

BODY MEASUREMENTS

FRONT VIEW



SIDE VIEW

