Anti-terrorist tyre killer
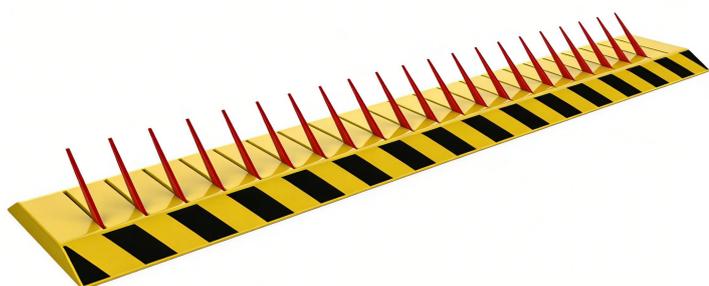
BLS-T8000

Features

1．High-strength structural steel construction, with a tensile strength of ≥500MPa, resistant to impact from heavy-duty vehicles (up to 80 tons).

2．Dual structural design options: **retractable** (for normal traffic flow) and **fixed** (for permanent high-security zones).

3．Multi-trigger modes available: manual operation, automatic induction (via loop detector/radar), and remote control.

4．Anti-corrosion & weather-resistant coating, compliant with IP65 protection standard, suitable for outdoor use in extreme temperatures (-40℃ to 70℃).

5．Precision-machined spike teeth (hardness HRC 58-62) with sharp, chamfered edges for instant tyre puncture without secondary damage to vehicle bodies.

Solutions:

· Access Control System (ACS)
· CCTV Surveillance System
· License Plate Recognition (LPR) System
· Automatic Barrier Gate System
· Parking Lot Management System
· Perimeter Intrusion Detection System (PIDS)
· Fire Alarm & Emergency Linkage System
· Centralized Security Management Platform
· Remote control, exit button
· Traffic light
· Any other accessories you need, please feel free to contact us

Technical Specifications

Parameter	Specification
Main Body Material	Carbon steel coating colors optional, stainless steel (optional)
Spike Material	High-strength alloy steel, hardness ≥ HRC55
Standard Size	Length: 2000/3000/4000mm (customizable); Width: 500mm, Height: 120mm
Lifting Height	70mm-110mm above ground
Installation Method	Embedded (burial ≥300mm); Mobile (with fixed cups)
Applicable Vehicles	Passenger cars, light/medium trucks (max load ≤80t)
Drive Mode & Speed	Electric hydraulic (≤2s) / Manual (≤10s emergency)
Control Mode	Manual button/near range remote control; Access control system compatible
Control Voltage	24V DC (safe voltage)
Safety Features	Overload protection; Emergency manual drop (power-off)
Warning Device	LED warning light (≥100m visibility at night) optional
Protection Grade	≥IP65 (dustproof & waterproof)
Operating temperature	-40℃ ~ +70℃

Core function:

Rapid vehicle interception: Punctures tyres of unauthorized vehicles within 0.5 seconds to stop them in a controlled manner, preventing forced entry/exit.

Intelligent security integration: Compatible with access control systems, CCTV, and alarm devices for centralized security management.

Emergency release mechanism: Allows quick retraction in case of fire, medical rescue, or other emergency scenarios.

Low false-trigger rate: Equipped with anti-interference ground loop to avoid wrong operation caused by non-vehicle objects (e.g., pedestrians, small animals).

Easy maintenance: Modular design enables quick replacement of damaged spike teeth or trigger components without full disassembly.

Applications:

• Suited for applications requiring high access and high levels of security

• Used extensively in applications such as government institutions, prisons, airports or railway stations, university, schools, high-end residential areas

Dimensions: