

Road Barrier

Road Barrier is a patented barrier system developed to rapidly and effectively decelerate and stop vehicles attempting to breach restricted areas, without causing a fatal outcome. The system has been tested and approved in accordance with the international standard ISO 22343 and meets stringent requirements for performance and occupant safety.

Creates a controlled vehicle stop

At first glance, Road Barrier may appear to be a simple construction. In reality, the system has been carefully engineered to bring vehicles to a controlled stop and reduce the risk of serious injury. Unlike conventional road barriers, Road Barrier does not stop a vehicle through a full frontal collision.

Upon impact, the barrier overturns. The triangular base plates engage with the vehicle's underbody and chassis, while the ground plates penetrate the front wheels. The result is a powerful yet controlled deceleration, ensuring that the vehicle is brought to a stop while reducing the risk of severe injury or worse.

Road Barrier delivers the same level of protection regardless of the direction from which a vehicle approaches. Effective bidirectional protection is particularly critical in open and public environments where threat scenarios may be difficult to predict.

High security and accessibility

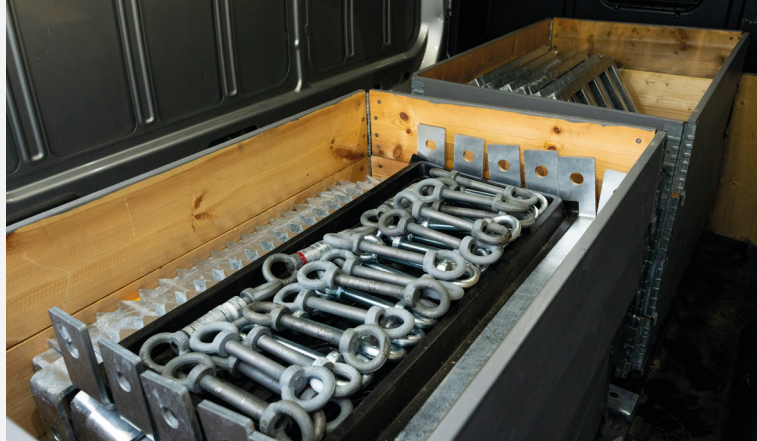
Road Barrier is supplied with a standardized interconnection method that establishes an effective vehicle barrier while allowing pedestrian and bicycle traffic to pass. This makes the system well suited for environments where high security must be combined with accessibility and flow efficiency.

Tested and certified configuration

Road Barrier is supplied in configurations of at least 7 units, providing a barrier approximately 6 m wide. In this configuration, the system has been tested and approved in accordance with ISO 22343-1.

The published VTI classification applies to the documented test configuration consisting of 7 units. It does not apply to an individual unit or automatically extend to configurations with different numbers of units or overall barrier lengths.





Mobile system for rapid deployment

Road Barrier is a fully mobile solution designed for fast installation, relocation, and deployment without ground works or heavy machinery. The streamlined handling enables efficient adaptation or repositioning in response to evolving operational needs or changing threat scenarios.

Efficient transport and storage

The system is engineered for optimized logistics. It is packaged on standardized EU pallets, with each pallet accommodating up to 14 units, ensuring efficient transportation and space optimized storage.

Technical data		
Post	Height	860 mm
	Width	100 mm
	Weight	13 kg
Base triangle	Height	150 mm
	Sides	600 mm
	Weight	20 kg
Locking bracket	Length	276 mm
	Weight	1 kg
Ground plate	Height	150 mm
	Width	150 mm
	Length	940 mm
	Weight	11 kg

Contact us

At our headquarters in Karlstad you will find our showroom where we present our products and solution concepts. Please contact us to schedule a meeting, submit a quotation inquiry, or receive project support. We also offer on site visits to identify the most suitable solutions for your specific requirements.



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