



# Wedge & Plate Barriers

Concentric Security’s wedge and plate barriers solutions are used to protect against a variety of vehicle threats. These wedge and plate barriers have been designed and crash tested to meet the specifications.

This type of barrier has become the flagship of the high security industry. They range in applications from traffic control to final denial. Concentric Security’s wedge and plate barriers are fabricated in a variety of lengths, heights, excavation depths, operational configurations, and performance ratings to meet the project’s needs.

## Features

- Hydraulic
  - Proven product in the high security industry
  - Years of available service with proper maintenance
  - Environmentally friendly hydraulic oil
- Electric
  - Higher install costs offset by reduced life cycle maintenance and operational costs
  - Reduced environmental impact
  - LED Lights available on the attack face of some models
  - EFO available on most models
  - Ice melt systems, oil reservoir heaters, oil coolers can be integrated to provide operation in severe weather
  - Traffic lights, traffic arms, vehicle detection loops can be provided for additional safety features
  - Systems can be integrated into other security features, equipment, and controls

## Types

- Shallow Mount
  - Requires a minimum excavation to avoid underground utilities
  - Most common barrier installed today
- Viper Shallow Mount Wedge Barrier
- Surface Mount
  - Excavation is not available or is limited
  - Stanchions can be integrated with traffic lights and gate arms
- Portable
  - Temporary barriers used during increased security levels or special events

