

Tyre Spikes

PRODUCT RANGE

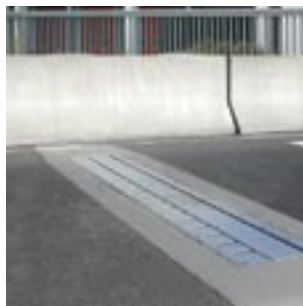
Tyre Spikes by Leda-Vannaclip provide security protection for restricted areas against forced and unauthorised entry or exit of motor vehicles. Tyre Spikes work by destroying vehicle tyres or impaling the vehicle's undercarriage equipment like the axle and suspension system.

Tyre Spikes can be installed as single modularised units in either uni-directional or bi-directional configurations, operated automatically or manually. It is however, more commonly used as part of a combined perimeter security solution incorporating barriers such as gates, bollards or boom gates to achieve a sluice arrangement forming a vehicle check-point or as part of a vehicle interlocking system.

Automatic Tyre Spikes can be raised to their armed position in approximately 1 second. Standard models are designed to block standard width driveways in varying heights. Wider versions may be fabricated as customised units by combining standard units together.



Tyre Spike installations require a boom gate or other traffic signalling device to work in conjunction with the tyre spikes to ensure that the driver knows when it is safe to proceed.



In the lowered position, the automatic Tyre Spike is flush with the road surface and is completely inconspicuous and safe to drive over. The automatic Tyre Spike housing structure is constructed in heavy gauge mild steel, fully welded and hot-dipped galvanised to ensure maximum protection against corrosion.

The automatic Tyre Spike is operated pneumatically with adjustable rising speeds. Optional sensors provide feedback if the spikes are in the raised or lowered positions.



Automatic

- High to medium security applications
- Flush with the road surface



Manual

- Low security applications
- Hinged, allowing one-way free exit
- Surface mounted

Applications

- Airports and shipping ports
- Industrial areas
- Embassies
- Government buildings
- Military complexes
- Power plants
- Car parks
- Distribution depots

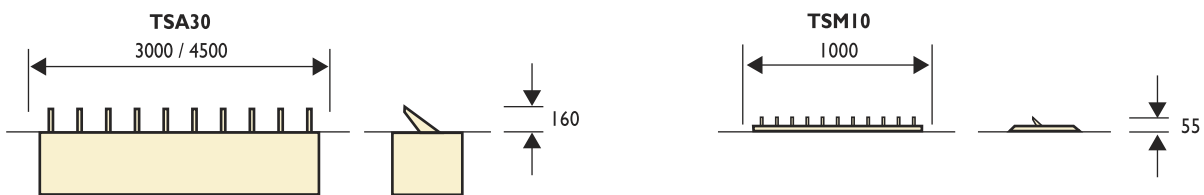
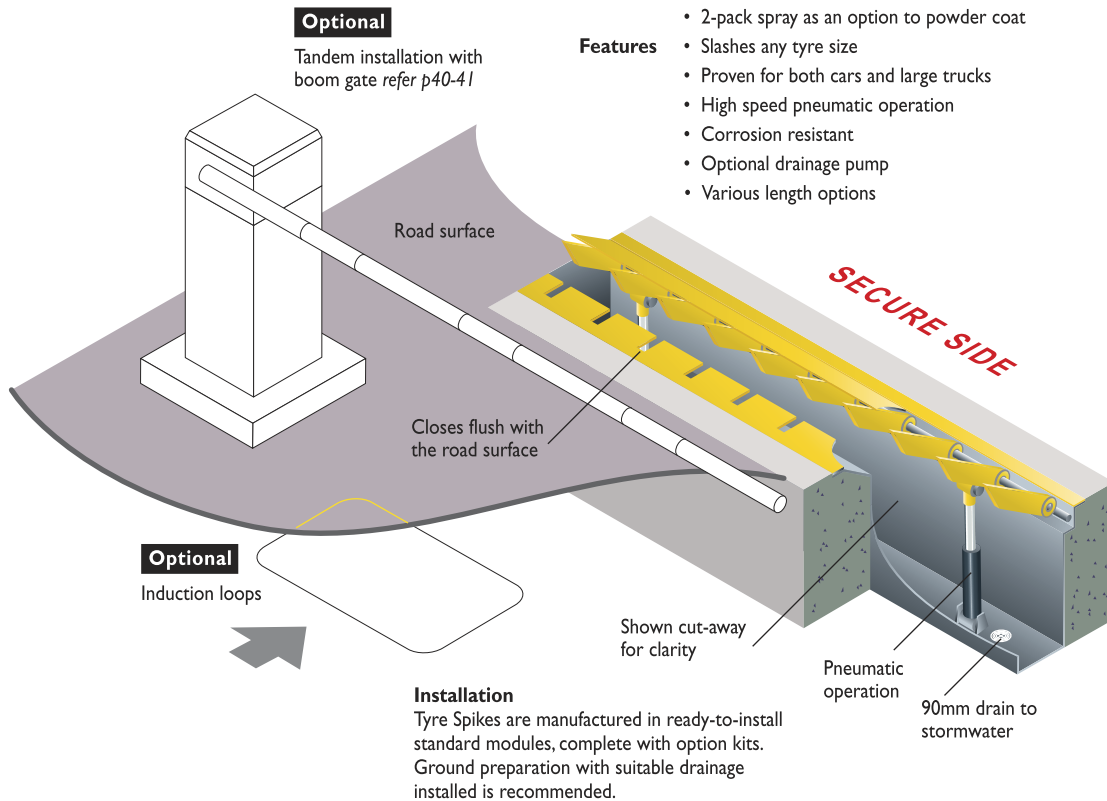
Tyre Spikes

AUTOMATIC

Automatic Tyre Spikes

Typical installation in tandem with boom gate and induction loops

- Materials**
- Galvanised steel structure
 - Pneumatic cylinders
- Finishes**
- Hot-dipped galvanised as standard
 - Hot-dipped galvanised with powder coated spikes
 - 2-pack spray as an option to powder coat
- Features**
- Slashes any tyre size
 - Proven for both cars and large trucks
 - High speed pneumatic operation
 - Corrosion resistant
 - Optional drainage pump
 - Various length options



Product Range

Code	Description	Clear Opening ¹ m	Spike Height mm
TSA30	Tyre Spike Automatic	3.0	160
TSA45	Tyre Spike Automatic	4.5	160
TSM10	Tyre Spike Manual	1.0	55

¹. Clear Opening is the width of the passage in which the tyre spike assembly is manufactured to suit.

- All configurations are standard, please contact your nearest Leda-Vannaclip Sales Office for custom sizes.