

# Cutting-Edge Spike Barriers

Durability and Safety at High-Security Points



*Experience unrivalled security with CINT's top-tier spike barriers, crafted with cutting-edge technology and dedicated professionals. Our assortment includes heavy-duty spike return instruments, unidirectional spike vehicular barriers, and more, acclaimed for their long-lasting feature and impeccable finish. Safeguard your premises with our tyre killer spike barrier, designed with an inbuilt safety device and ARAI certification.*

*Operated automatically with access control solutions, our compact electromechanical drive ensures robust security in a lockable steel cabinet. Trust CINT's expertise to deliver exceptional protection solutions for your peace of mind.*

Introducing CINT's Automatic Spike Barrier: Reliable Security for 2-8 mtrs wide entrances.

Tampered steel spikes, 150 mm high, spaced at 100mm center to center, can withstand 20, 50, 80, and 100-ton truck impacts Mounted on sturdy MS channel (I-section) with welded seams for maximum strength. • Concealed design, flush with the road surface in lowered position for inconspicuous

installation. • Engineered with bridge class 60/30 cover plate, allowing heavy vehicles up to 75 tons to access the secured area • Separate road-surface trimmer frame for easy installation and minimal site disruption • PLC control systems, ISO 9002 & C.E. certified, and customizable control options like remote, push button, and more • Raising/lowering times of 1-2 seconds for swift access control • Power supply voltage options of 220v/50Hz or 440v 3-phase, operating frequency of 60%, thermal cutout at 140 C, and operating temperature from -20 C to +60 C.

Our tyre killers play a crucial role in preventing unlawful intrusions at high-security entry or exit points. Controlled by high-speed hydraulic cylinders and electric motors, they ensure utmost safety and durability with coating.

### General Specifications:

- Automatic spike barrier 2-8 mtrs wide make.
- Spike made up of tampered steel of height of 150 mm spaced maximum 100mm center to center capable of taking impact load of 20, 50, 80, and 100 ton truck, mounted on ms channel (i section) of suitable thickness
- In the lowered position the tyre killer is flush with the road surface thus completely inconspicuous.
- The cover plate of the tyre stripper/ spike barrier is constructed in accordance with bridge class 60/30 (din 1072) allowing even the heaviest vehicles (almost 75 tons) to enter the secured area.
- Massive steel static and rising impact frames, continuously welded seams for maximum strength.
- Separate road-surface trimmer frame or ease of installation / minimum site disruption.
- Primed and spray painted steel frames for maximum protection.
- Pic control systems, standard control Systems for all control options and ease of future changes.
- Standard raising/loving times of 1-2 seconds in accordance with site specifications.
- ISO 9001-2015 & C.E. Certified, Plus i/d electronic control equipment.
- Manual unlocking device with personalized key, can be interfaced with remote control, vehicle loop detector, Push button, sensors etc. Power supply voltage: 220v/50 hz or 440volt 3 phase
- Operating frequency: 60%
- Thermal cutout: 140 deg.
- Operating temprature: -20 to +60 deg

### Technical Specifications

Product model(ASK series	321 (Buried -free)	323 (Buried)	322 (Buried -free)	324 (Buried)
Spike Height lifting	120-180mm (one-way)		100-130mm (Two-way)	
Spike thickness	10mm			
Panel Thickness	12mm			
Transmit shaft	Dia 23mm, 45# steel solid shaft			
Motor	single-motor	Duo-motor		
Lifting time	1~2sec			
Falling time	1~2sec			
Manual Lifting	supported			
Power	220VAC			
Regular power	200W	400W		
Size length	1m-8m(customized)			
Width	550mm		800mm	
Height(without spike)	80mm	100mm	80mm	100mm
Main body and spike	Double layer spray paint			
Surface spray(opt)	Green, Yellow and Red			
Refelect sticker color(opt)	Yellow, Black			
Control panel box	Spray processing (outdoor favourable)			
Remote	100m			
Wired switch	Optional			
Linked with Traffic light	Supported			

Each tyre killer has removable transmit shaft, which is convenient for maintenance and swith.

