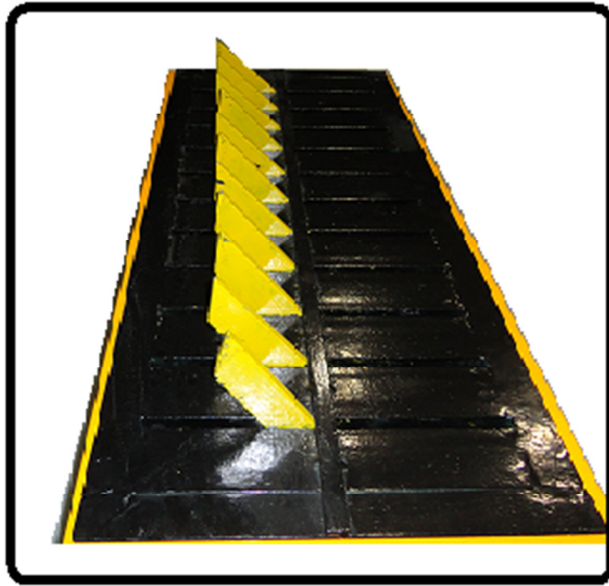


**MECHANICAL TIRE KILLER**

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### MECHANICAL TIRE KILLER INTENDED USE

Mechanical tire killers are the best solutions to control one way vehicle entrances. During the vehicle entrances, the spikes lower to the tire killer cabin and let the vehicles to pass through the entrance.

Mechanical tire killers shall be used to control one way vehicle entrances and to prevent the vehicle traffic to the opposite direction where required high security applications.

In case of driving to the opposite direction or using wrong entrances, the wheels of the vehicles would detonate.

Driving to the opposite direction to pass through the entrance into spikes would abort the movement.

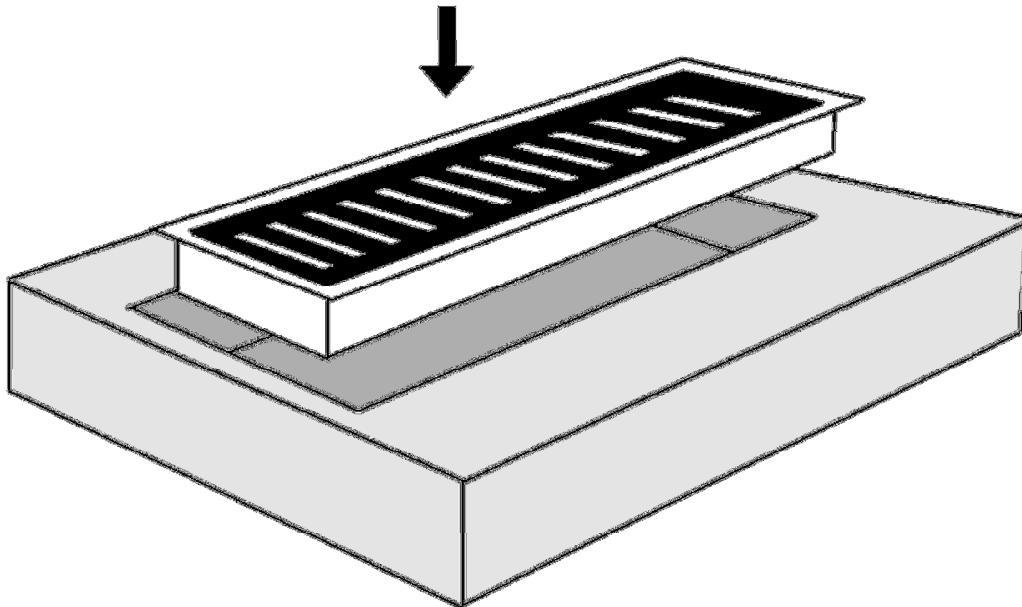
This process works as a mechanical energy without the need of an electrical operation system.

### MECHANICAL TIRE KILLER TECHNICAL SPECIFICATION

MODEL	SMKP 200	SMKP 300	SMKP 400	SMKP 500
LENGTH	200 CM	300 CM	400 cm	500 cm
WIDTH	40 CM	40 CM	40 cm	40 cm
SPIKE HEIGHT	15 CM	15 CM	15 cm	15 CM
DURABILITY	30 TON/AXLE	30 TON/AXLE	30 TON/AXLE	30 TON/AXLE
COATING	GALVANIZED	GALVANIZED	GALVANIZED	GALVANIZED
SPIKE DISTANCE	120 MM	120 MM	120 MM	120 MM
SPIKE WALL THICKNESS	15 MM	15 MM	15 MM	15 MM

## **INSTALLATION OF EMBEDDED MECHANICAL TIRE- KILLER**

The housing pit for the tire killer should be excavated as following drawings and dimensions. The distance between the tire killer main body and the edge of the anchored concrete should be minimum 30 cm. After the placing of the steel construction tire killer, the installation of the tire killer should be done with bolts and nuts. The poured concrete should have embedded pins for final fixation of the tire killer main construction. Also, the tire killers can be placed in to the pit side to side.



## **TIRE KILLER TECHNICAL SPECIFICATIONS**

- 1) This defines the specifications for mechanical Tire Killer System.**
- 2) In the lowered position the system is flushed with road surface.**
- 3) The guard position shall present a formidable obstacle to approaching vehicles.**
- 4) The blocking section shall consist of spikes at an angle of 45 degrees and shall be made up of steel.**
- 5) The distance between the spikes shall be 120 mm.**
- 6) Height of the spikes in guard position shall be 150 mm.**
- 7) Tire killer shall be a below ground assembly containing a solid blocking spikes capable of being raised to an above ground guard position.**
- 8) Tire killer shall provide excellent security and positive control of one way traffic in one direction.**
- 9) Tire killer system shall be designed to damage a vehicle by destroying tires of motor vehicles.**
- 10) A foot pedal shall be installed to allow the Tire killer to be lowered manually in the event of an impact.**
- 11) The system shall be able to bear axle load of 30 tons of a moving vehicle.**
- 12) The foundation and underside of the Tire killer shall be galvanized coated for corrosion protection.**
- 13) The spikes shall have reflective yellow color.**
- 14) All the components shall have special coating to merge with road surface.**
- 15) Tire killers are permanently installed in a concrete foundation.**

### **MANUFACTURER :**

**SIBERTEK ELECTRONIC SECURITY & AUTOMATION SYSTEMS INC.**

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