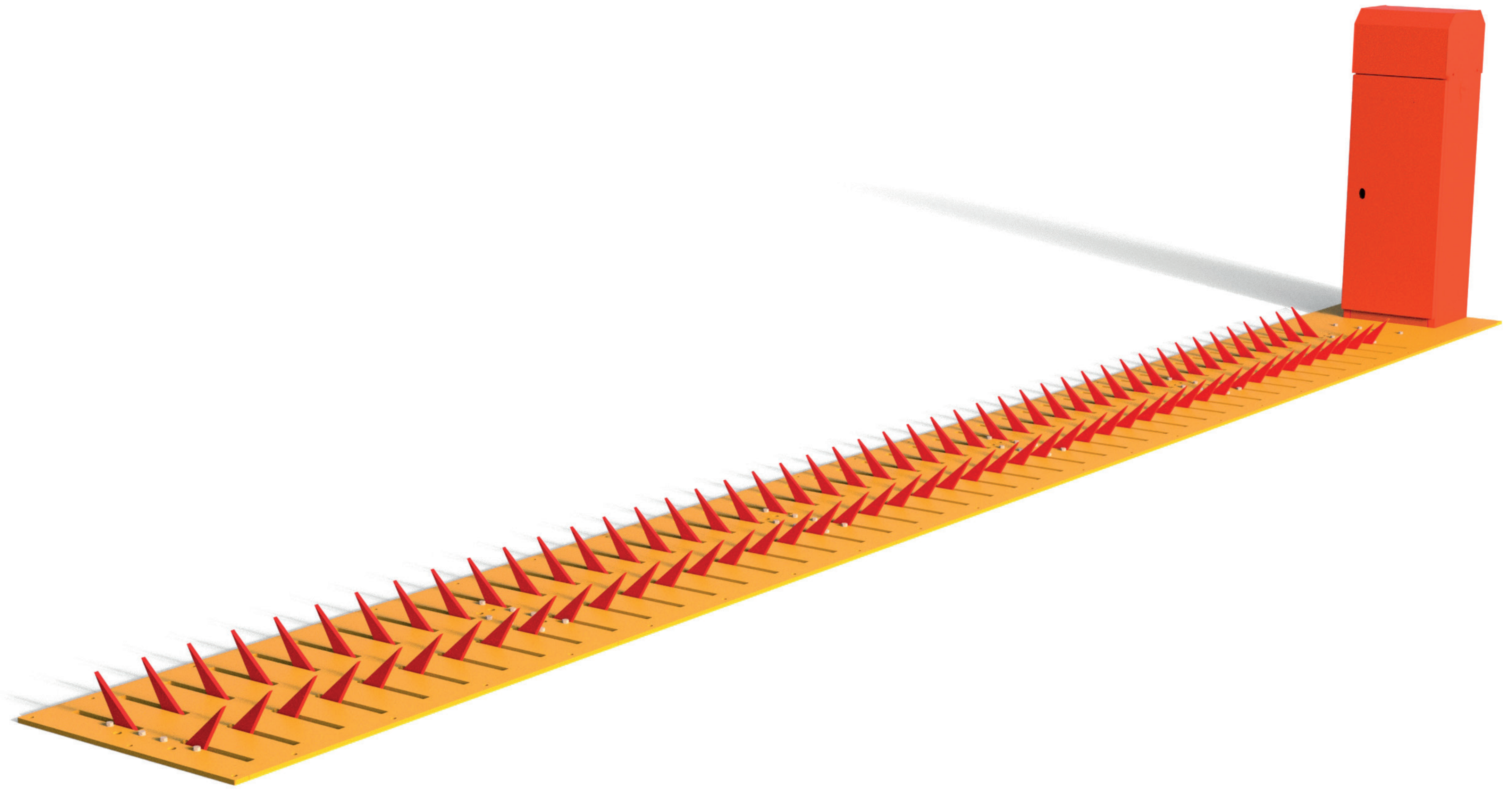


GENERAL VIEW OF ETK



GENERAL DESCRIPTION

Electromechanical tire killer is one of the highest security vehicle access control systems in which a vehicle without permission cannot enter. Tires of the unpermitted vehicle split open immediately, therefore the vehicle moves only a few more meters and is stopped. The product stops vehicles coming from both directions. Drive unit is placed to one end of the tire killer, it stands above the ground level. It is a mechanism that allows the passage of vehicles by moving all together teeth of tire killer.

CONTROL ELECTRONICS

Optima electromechanical tire killer with arm barrier is controlled with the help of advanced microelectronics. The barrier works with 220-240 VAC, 50-60Hz. Every kind of radio control receiver card, safety photocells, open/close buttons, loop detectors, flashing lights, etc. can be integrated into the control electronics easily. Closing the barrier can be utilized by the automatic time delay facility, as well as inputs from other sources. Control electronics are mounted in an IP 65 proof plastic box, as most of the installations are made outdoors. The unit comes with a start-stop button.

CABINET

The barrier cabinet is designed for IP 55. Body front lid and the top lid is manufactured from A1 Quality Steel. The cabinet is painted to RAL 2004 and then furnace. There is also a locking mechanism in the front lid of the cabinet.

TEETH

Splitting teeth utilized in tire killers is manufactured from high strength steel. When closed, the tire killer is designed to withstand 25 tons of axle load. As it will generally be installed outdoors, all the elements of the body, teeth and drive unit are galvanized. The driving axle on which the teeth are welded is supported by ball bearings, therefore both smooth operation and durability against high axle loads are achieved.

ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENTS

Between -20° and 65°, %95 non-condensing humidity; 220-240 VAC 50-60 Hz.

OPTIONAL ACCESSORIES

- ⇒ Flashing light.
- ⇒ Protection bar.
- ⇒ Safety photocell.
- ⇒ Safety loop detector with dual antenna.
- ⇒ Radio control receiver, transmitter and antenna.
- ⇒ Red/Green traffic light.
- ⇒ Different color options.
- ⇒ Push button with enclosure.

MAIN BODY MEASUREMENTS

