

## ETK600



### General Description

Electromechanical tyre killer is one of the highest security vehicle access control systems in which a vehicle without permission cannot enter. Tyres of the unpermitted vehicle splits 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 tyre 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 tyre killer with arm barrier is controlled with the help of advanced microelectronics. Barrier works with 220-240 VAC, 50-60Hz. Every kind of radio control receiver cards, safety photocells, open/close buttons, loop detectors, flashing lights etc. can be integrated to the control electronics easily. Closing the barrier can be utilized by automatic time delay facility, as well as inputs from other sources. Control electronics is mounted in a IP 65 proof plastic box, as most of the installations are made outdoors. Unit comes with a start stop button.

### CABINET

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

### TEETH

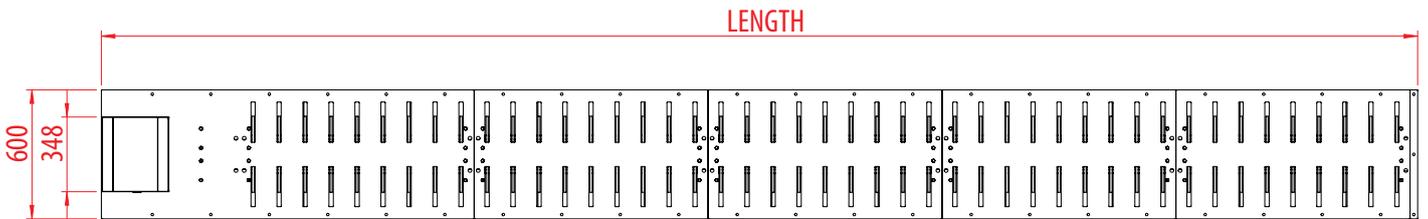
Splitting teeth utilized in tyre killer is manufactured from high strength steel. When closed, tire killer is designed to withstand 25 tons axle load. As it will generally be installed outdoors, all the elements of body,teeth and drive unit is galvanized. Driving axle on which the teeth are welded is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

## ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENTS

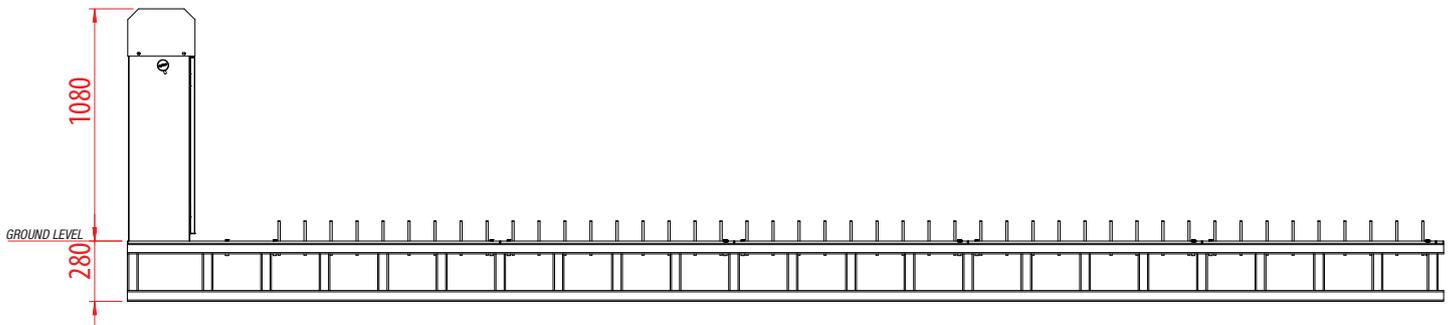
Between -20° and 65°, %95 non-condensing humidity; 220-240 VAC 50-60 Hz.

## OPTIONAL ACCESSORIES

1. Flashing light
2. Protection bar
3. Safety photocell
4. Safety loop detector with dual antenna
5. Radio control receiver, transmitter and antenna
6. Red/Green traffic light
7. Different color options
8. Push button with enclosure



TOP VIEW



SIDE VIEW