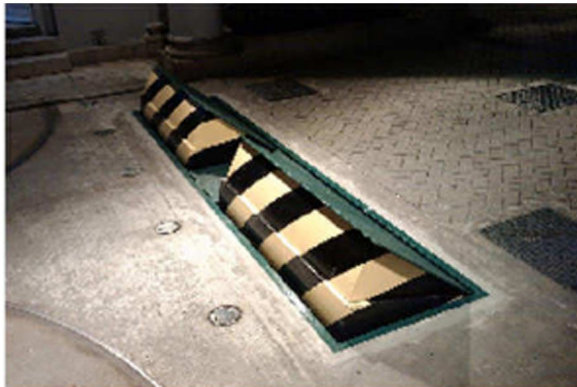




Road Blocker

Model: TR - 3T-K4



Description

The TR-3T-K4 are designed to control vehicles entering or exiting restricted area, where ever security is paramount. Built for fast, reliable and efficient operation, these blockers are capable of withstanding high impact loads and are ideally suited to installation in military facilities, airports, prison and warehouses where property protection from unauthorized vehicle entry is necessary. Visual surveillance is recommended during the operation of the blocker.

Construction

The TR-3T-K4 Road blocker is a rugged, underground rising obstacle and consists of two major parts; the rising obstacle and the base unit. The base unit is manufactured from heavy gauge steel channel. Heavy gauge tubular pillars capped with steel channel sections support the weight of the rising obstacle. The base unit contains a number of sealed-for-life ball bearings which accept the 25mm mild steel hinge-bar. The moving obstacle comprises of an all welded heavy gauge steel channel frame, with 10mm steel plate + 3mm stainless steel checker plate (Durbar) and stainless steel spikes. The row of rising stainless steel spikes will totally destroy the tires and rims of any vehicle attempting unauthorized entry. The frame is hinged at the ball bearing hinge points and, when in the lowered position, the axle load of passing vehicles is taken directly to the base of the concrete trough by the vertical tubular pillars. The Road blocker is finished with a anti-corrosion protection by coslettise and paint with: 1 coat of Polyamide Epoxy to provides excellent adhesion and corrosion resistance ; 2 coats of Aliphatic Acrylic Urethane to provides excellent resistance to scratching and colour retention.

Technical Data

Opening time Hydraulic	3-5 sec
Frequency	50Hz/ 60Hz
Power	2.2 Kw
Duty Cycle	100 %
Power Requirement	380VAC, 3 phase, 50Hz, 15A
Impact Strength	7 tonnes @48km/h
Standard Length	2000-4000mm
Height of Obstacle	660/ 800mm
Axle Loading	15 Tonnes
Dimensions of HPU	500x600x 1200(H)mm



Road Blocker

Model: TR-3T-K4

Technology

The TR-3T-K4 road blocker is very high-security and is available with either Hydraulic c/w linear actuator depending on the requirements and specifications of the customer. It is capable of stopping a vehicle of up to nearly 7 tons going at a speed of 48 km/hr (equivalent to the K4 standard).

The hydraulic drive is operated by an energy accumulator that can be positioned as far away as 15m. This facilitates placing several barriers end to end to control exceptionally wide access points. An energy reserve also allows up to 3 operating cycles in case of power failure.

The TR-3R-K4 is available in 2000mm to 4000mm width.

Options

Accessories including traffic signals, safety beams or loop detectors are recommended and may be provided to suit specific applications.

Controller

The SunGate programmable Logic controller (PLC) is provided with an EPROM chip to enable software adaptation and interfacing with a variety of remote control devices, security access systems and key card readers. It also integrates the inputs from limited switches and safety control devices. Outputs are available for motor drivers, directional solenoids, status conditions and warning lights. Control voltage is 24V DC and the controller is housed in a lockable IP65 steel enclosure which needs to be located in a secure environment.

Dimension

TYPE	TR3T-K4-650	TR3T-K4-800
H	650	800
W	2000 – 4000	
X	W + 20	
D	450	600
Y	1300	

