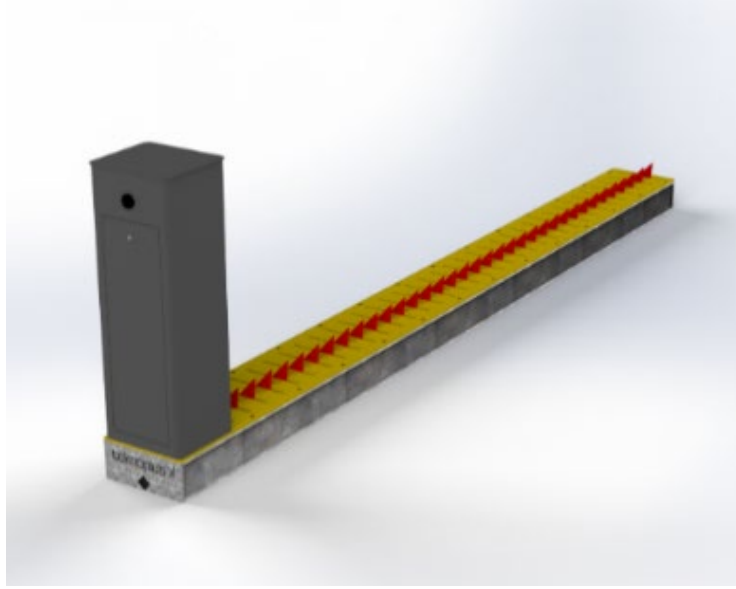


ETK-FM 4000 FLUSH MOUNT ELECTROMECHANICAL TYRE KILLER



GENERAL INFORMATION

ETK-FM series flush mount electromechanical tyre killers are spike barriers that are designed to be used at high security requiring entrance points that might be under attack by vehicles. ETK-FM flush mount electromechanical tyre killers can be used in applications of one or reverse directional access, thanks to their electromechanical system design. Thanks to the spikes that are able to operate independently from each other, the system allows inward passages during access.

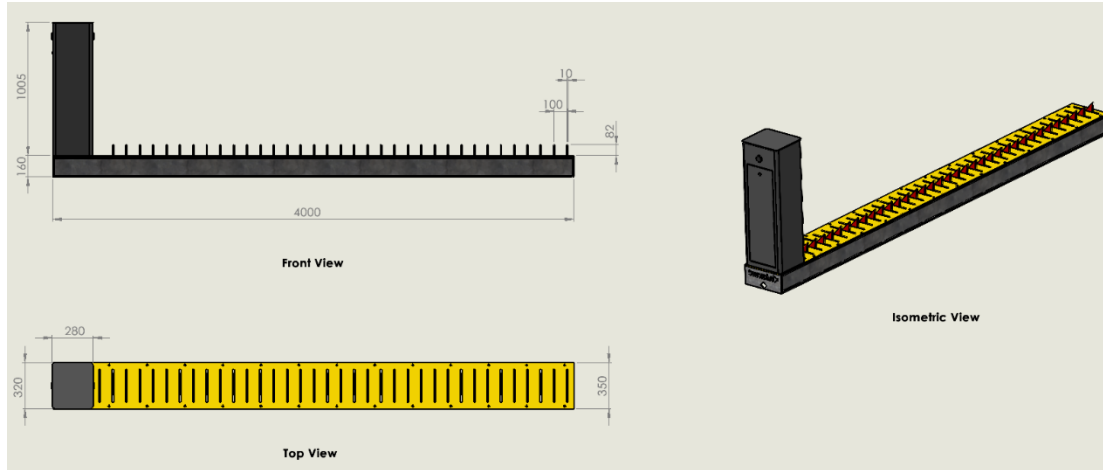
In the system, there are spikes, mounted on the same shaft that can move separately from each other. Spikes lower to the ground while the tyres of vehicle pass over. After the passage, each spike raises up automatically to their default positions by the weights on their opposite sides. If an unauthorized vehicle tries to access against the tyre killer, the tyres of the vehicle will definitely be destroyed by spikes and the vehicle will be inactivated after a few more meters.

Tyre killers have a wide variety of usage areas in security access control applications such as military sites, government offices, police headquarters, embassies, airports, parking lots and many more places.

MAIN CHARACTERISTICS

- Electromechanical design,
- Each spikes are able to operate independently,
- Robust structure is manufactured from heavy gauge and high graded structural steel for heavy duty work,
- With its secure structure provides maximum endurance,
- Easy to install and maintain.

TECHNICAL SPECIFICATIONS



PHYSICAL CHARACTERISTICS

TYPE	Flush Mount
BLOCKING WIDTH	Intermediate lengths from 2000mm to 6000 mm (4000 mm standard)
TOP PLATE	10 mm St 52 steel plate with anti-corrosion treatment
TYRE KILLER SPIKE	10 mm St 52 steel with anti-corrosion treatment
SPIKE QUANTITY / DIMENSIONS	10 spikes per meter
HEIGHT OF SPIKES	82 mm
CLOSURE DIMENSIONS	350mm x 4000mm x 160 mm (W x L x H)
WEIGHT	Approximately 500 kg
TREATMENT	Electrostatic coating

OPERATIONAL CHARACTERISTICS

DRIVE	Electromechanical
LIFTING/LOWERING TIME	Adjustable, 3 - 4 seconds (standard)
SPEED CONTROL	Slowing down at opening and closing limit points, smooth operation with PLC inverter panel
OPERATION FREQUENCY	300 + Cycles / Hour
POSITION DETECTION	Proximity switch (Weather proof)

ELECTRICAL CHARACTERISTICS

ELECTRICAL MOTOR	220 VAC, 50-60 Hz, 1 Phases, 0.75 kW
CONTROL PANEL	PLC inverter, Programmable for integration with various different systems

RESISTANCE CHARACTERISTICS

AXLE LOAD RESISTANCE	22 Tons
ENVIRONMENTAL CONDITIONS	-15 °C / +70 °C, % 95 non-condensing humidity
PROTECTION CLASS	IP 65

EQUIPMENT AND ACCESSORIES

SAFETY EQUIPMENTS	Emergency stop buttons (standard), Optionally front and rear loop sensors
OPTIONAL ACCESSORIES	Traffic Light, Control keyboard (wired), Flasher Lamp, Warning signs, Drainage pump, Siren, RF Receiver, RF Transmitter, RF Antenna

CERTIFICATIONS AND WARRANTY

CERTIFICATIONS	ISO 9001:2015, ISO 14001:2015, OHSAS 18001, CE, TSE
WARRANTY	2 years