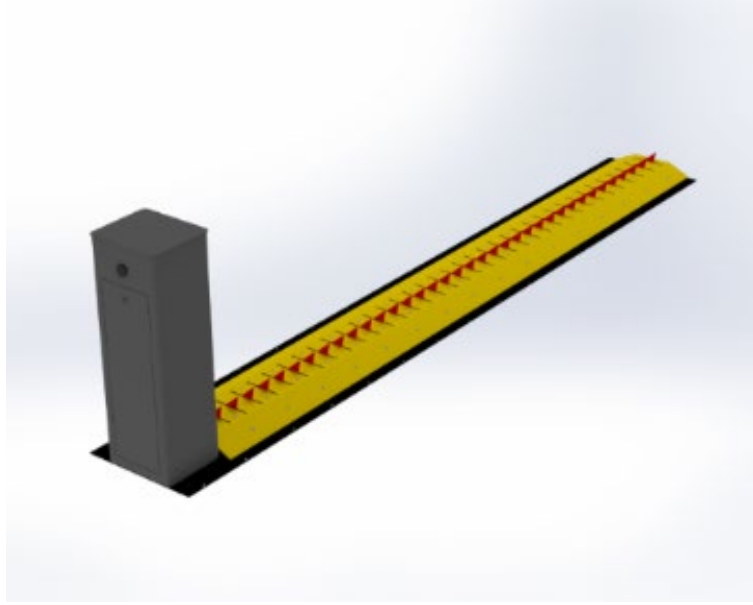


ETK-SM 4000 SURFACE MOUNT ELECTROMECHANICAL TYRE KILLER



GENERAL INFORMATION

ETK-SM series surface mount electromechanical tyre killers can be used in applications of one or reverse directional access, thanks to their electromechanical system design. Thanks to spikes that are able to operate independently from each other, the system allows inward passages during access. Surface mount electromechanical tyre killers have the advantage of easy installing that doesn't require digging the ground at places that have construction constraints.

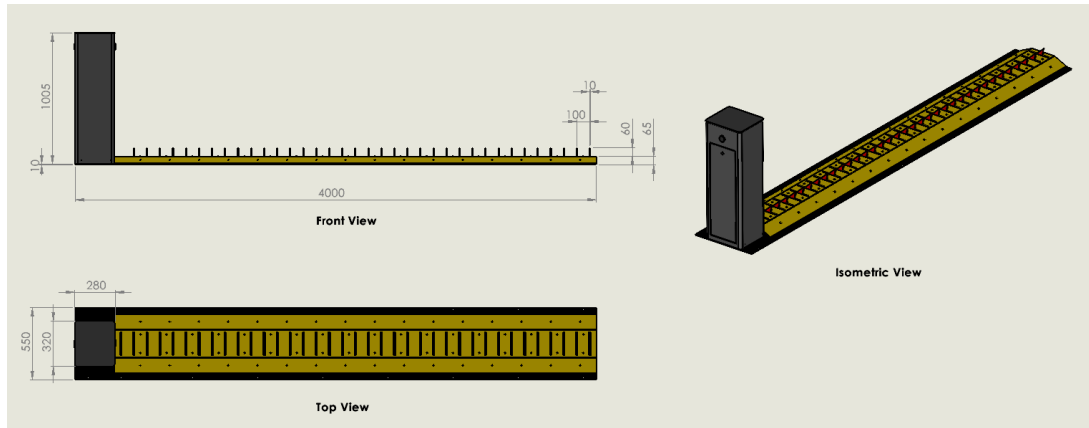
In the system, there are spikes, mounted on the same shaft that can move separately from each other. Spikes lower to the ground while the tyres of vehicle pass over. After the passage, each spike raises up automatically to their default positions by the weights on their opposite sides. If an unauthorized 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 to prevent reverse passes.

MAIN CHARACTERISTICS

- An ideal solution for the places have construction constraints and limitations,
- Electromechanical design,
- Each spikes are able to operate independently,
- Robust structure is manufactured from the 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	Surface 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	60 mm
CLOSURE DIMENSIONS	550mm x 4000mm x 65 mm (W x L x H)
WEIGHT	Approximately 500 kg
TREATMENT	Electrostatic coating

OPERATIONAL CHARACTERISTICS

DRIVE	Electromechanical
LIFTING/LOWERING TIME	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	Inductive limit sensors (weatherproof)

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