

Access controlled...  
Future secured

The **TYRE KILLER AUTO** is composed by heavy duty spikes that rise from the road level; this equipment operates like an access control barrier, preventing the transit of unauthorized vehicles in one direction.

The **TYRE KILLER AUTO** will be used, for instance, to allow the exit of vehicles from a supervised area and to prevent the entrance of vehicles in the other direction.

In the authorised direction, the hydraulic mechanism will move down the spikes to liberate the access and the cycle will be reversed after the vehicle transit.

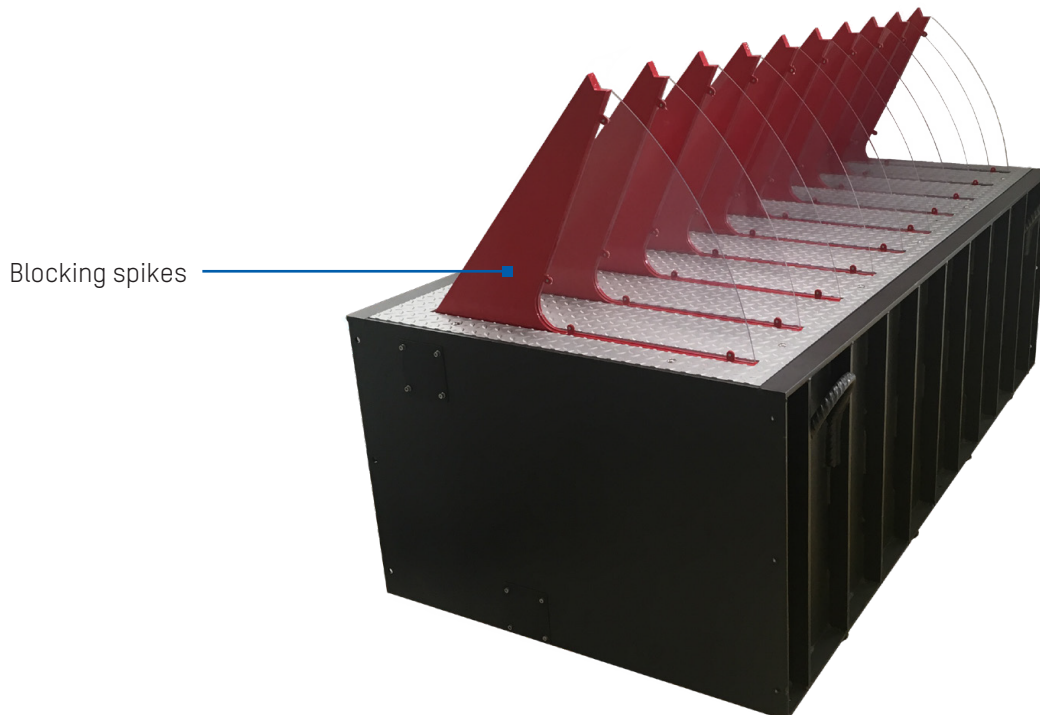
Car detection loops must be installed near the Tyre Killer Auto for safety reasons.

## GENERAL FEATURES

The **TYRE KILLER AUTO** is operated by an hydraulic pump located in a separate cabinet together with an electronic control board.

The **TYRE KILLER AUTO** offers a solution to effectively control a vehicle access, for cars and even wider vehicles like trucks. When the spikes are retracted (down position), the obstacle is totally hidden below the road level; in the up position this equipment can stop a truck at a 80Km/h speed ( 50 miles/h).

The **TYRE KILLER AUTO** is typically used for perimeter protection of military bases, embassies, government buildings, airports..



## OPTIONAL

TK AUTO EQUIPPED WITH PIT, BRACKETS AND CONTROL UNIT.
E.F.O. CIRCUIT FOR EMERGENCY RISING ( $\pm 1.5$ SEC.)
DEVICE FOR MANUAL HANDLING IF POWER FAILED.
ADDITIONAL CONNECTION LINE TYRE KILLER - CONTROL UNIT (MAX. 30 M)
SOLENOID VALVE FOR AUTOMATIC LOWERING IF POWER FAILED
FEEDER/ACCUMULATOR GROUP ON CONTROL PANEL FOR EMERGENCY LOWERING
HEATING RESISTANCE
RADIO RECEIVER
RADIO TRANSMITTER TWO-CHANNEL
TRAFFIC LIGHT WITH TWO LIGHT (GREEN/RED)
INDUCTIVE DETECTOR FOR LOOPS
INDUCTIVE LOOPS

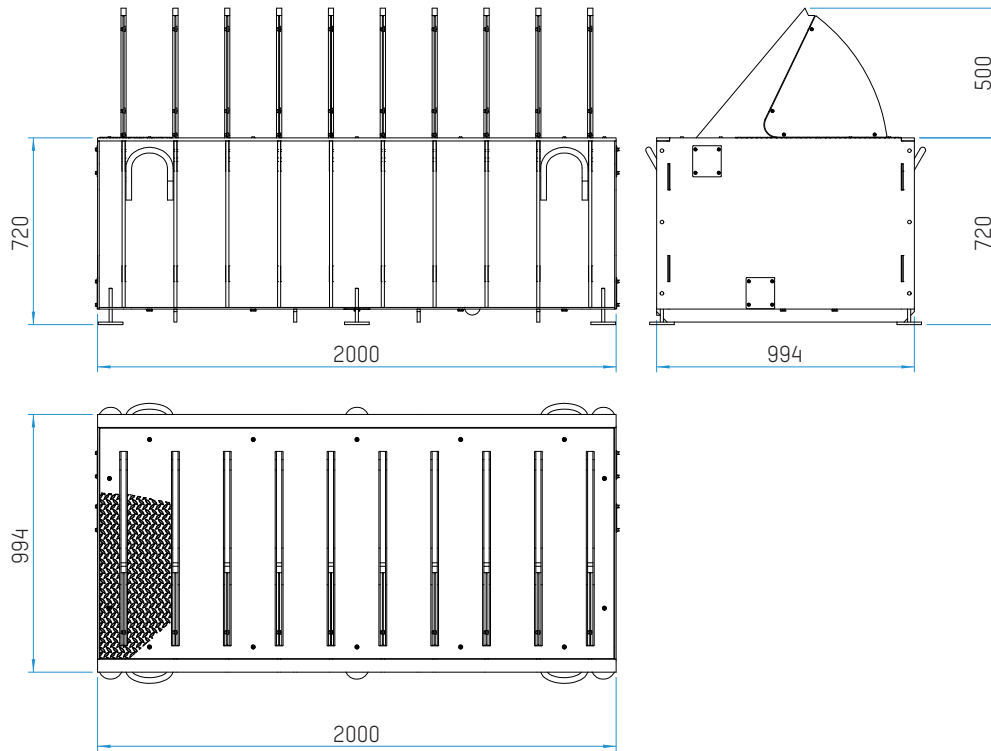


## STANDARD TECHNICAL CHARACTERISTICS

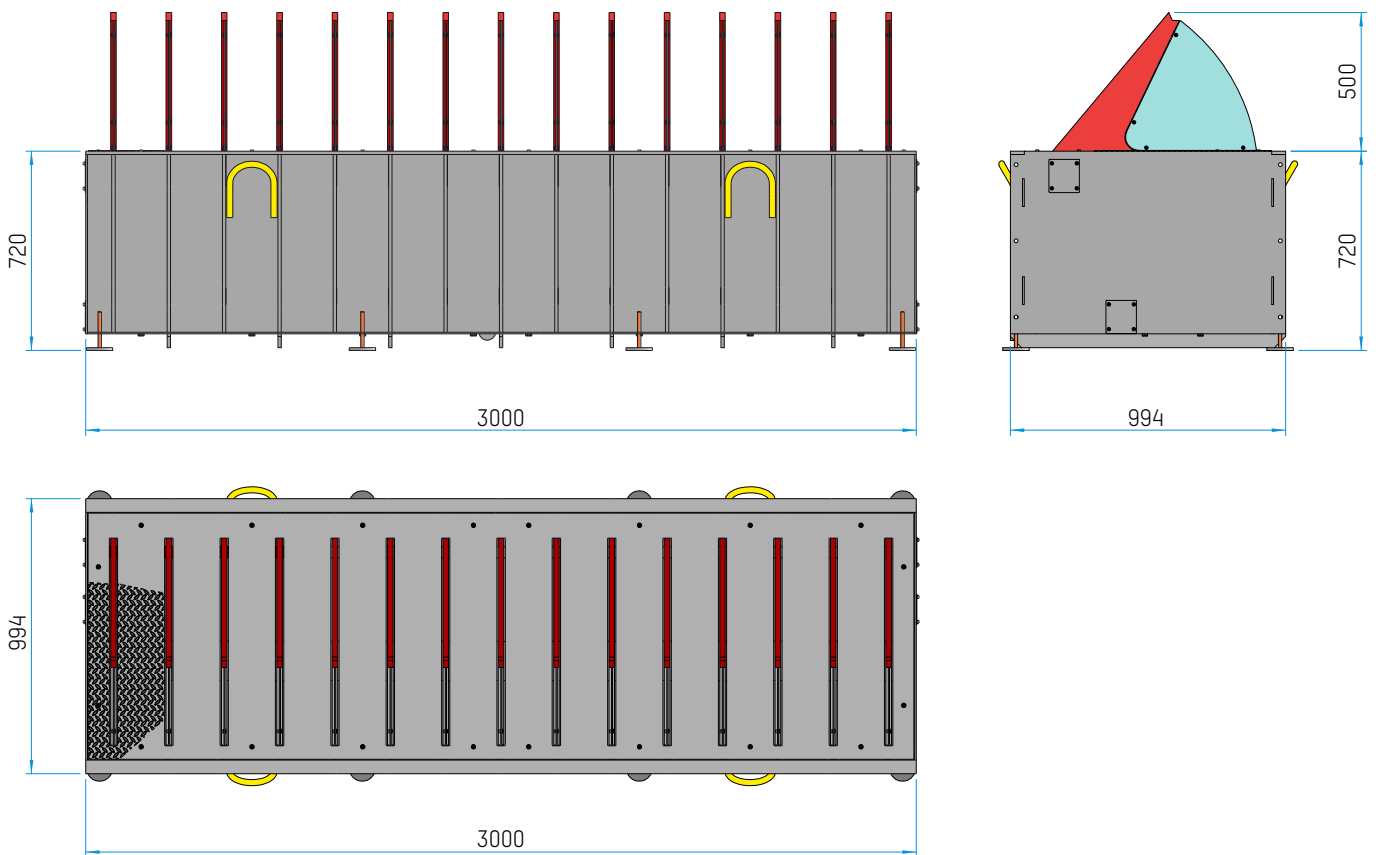
BLOCKING SPIKES HEIGHT	500 mm.					
TYRE KILLER LENGTH	STANDARD: 2, 3, 4, 5 or 6 m.					
DISTANCE BETWEEN BLOCKING SPIKES	200 mm (i.e. TK AUTO 2 m = 10 spikes)					
BLOCKING SPIKES THICKNESS	20 mm					
PIT DIMENSION	Obstacle length	L	W	H		
	2000 mm	2000 mm	1000 mm	720 mm		
	3000 mm	3000 mm				
	4000 mm	4000 mm				
	5000 mm	5000 mm				
6000 mm	6000 mm					
FINISH	ANTI CORROSION TREATMENT- GREY ANTHRACITE PAINTING - RED BLOCKING SPIKES					
MOVEMENT	HYDRAULIC					
RISING SPEED	4 s					
LOWERING SPEED	4 s					
EMERGENCY MANUAL LOWERING	YES (STANDARD)					
E.F.O EMERGENCY RISING	YES (OPTIONAL ITEM) RISING SPEED $\pm 1.5$ SEC.					
LOAD CLASS	UNI D400					
TYPE OF USE	INTENSIVE 2.000 MOVEMENTS / DAY					
POWER SUPPLY	230 V ( $\pm 10\%$ ) - 50/60 Hz					
CONNECTION LINE TO CONTROL UNIT	STANDARD 10 m (MAX. 30 m LENGTH)					
CONTROL UNIT HOUSING DIMENSION	600X400XH1200 mm (a floor base H180mm is also available if the manual handling option is installed or in case of need)					
WEIGHT	OBSTACLE LENGTH	2 m	3 m	4 m	5 m	6 m
	WEIGHT	1020 kg	1250 kg	1480 kg	1710 kg	1940 kg

## GENERAL DIMENSIONS :

TK AUTO general dimensions with a 2,0 m length obstacle :



TK AUTO general dimensions with a 3,0 m length obstacle :





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