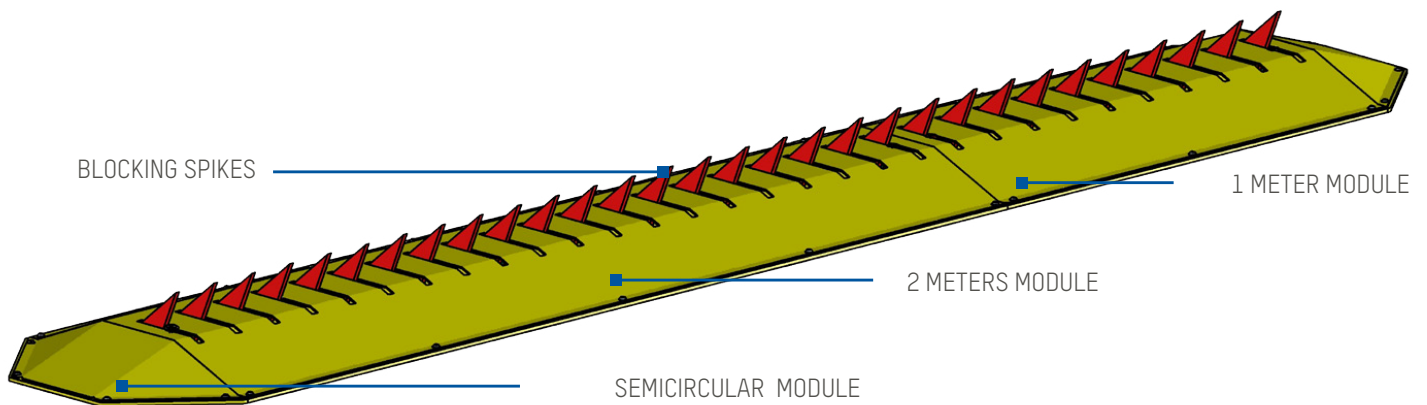


TK MAN

Datasheet

Rev. 03 • Update 02/2020



The **TK MAN** uses a simple mechanical movement with counterweight return. In the authorised direction, the spikes will move down with the vehicle weight and return automatically to the up position with the help of counterweight.

It is composed by heavy duty spikes that will rise from the ground level and operates like an access control barrier, preventing the passage of unauthorized vehicles in one direction.

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

It is typically used for peripheral protection at the exit of production plants, administration sites, hotels, convention centers and similar.

It can be installed with other access control equipments (*for example bollards, road blocker or gates*) in order to achieve an access control check-point at the highest level of security.

Standard modules of 1 or 2 meters can be assembled in order to obtain any length required.

For instance, a 5 meters **TK MAN** will be assembled with two 2 meters modules and one 1 meter module.

Two semicircular finishing modules (*optional items*) are available to cover the ends of the tyre killer.

The tyre killer is surface mounted, meaning that it can be installed at road level and anchored by means of chemical anchors.

Several optional items are available in order to configure each individual access.



STANDARD TECHNICAL SPECIFICATION

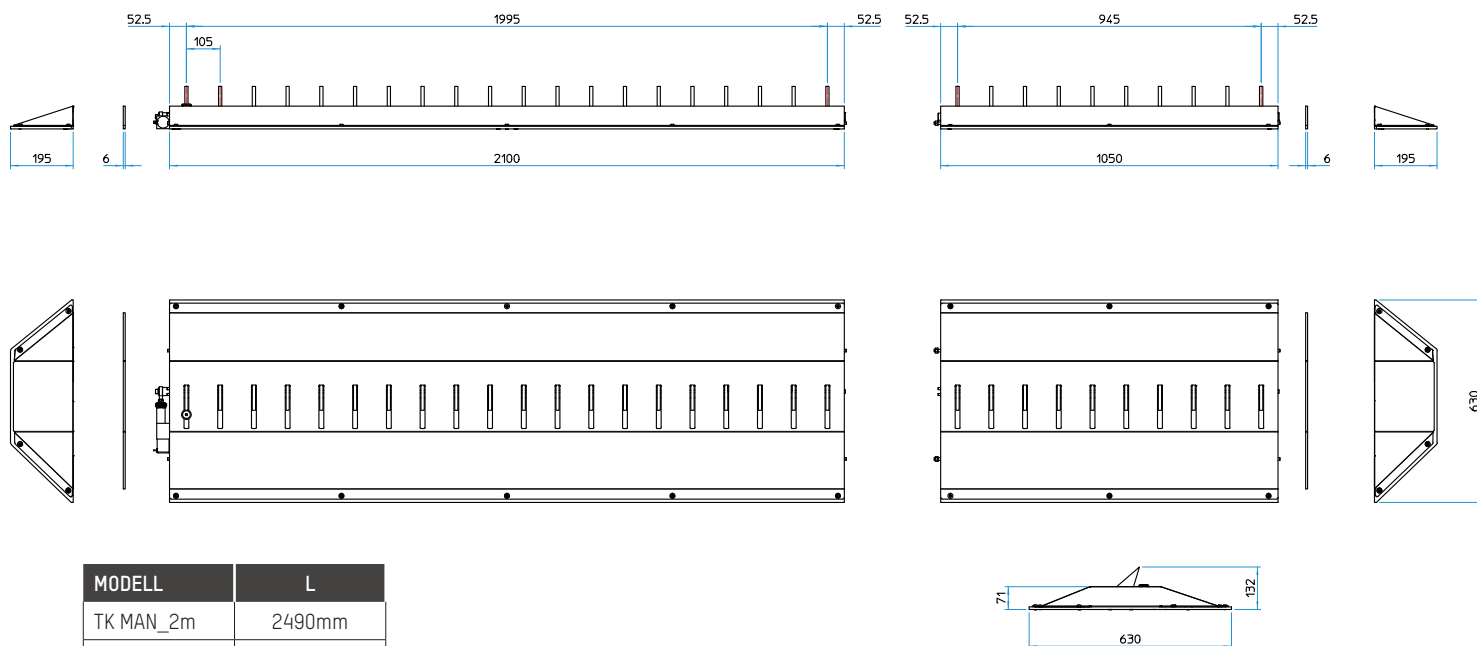
Voltage for control unit	230/400Vac (+/- 10%) 50/60HZ (OPTIONAL)
Blocking spikes height from the ground level	61 mm
Tyre killer width	Standard: 2, 3, 4, 5 ou 6 m
Distance between blocking spikes	105 mm (i.e.: TK MAN 2 m = 20 blocking spikes)
Blocking spikes thickness	10 mm
Overall dimensions	2 meters length: 2100 x 630 x H 71 mm (For other length, add one or more modules of 1050 mm or 2100 mm - i.e.: 6 meters Length: 3 x 2100 mm = 6300 mm)
Movement	Counterweight allowing only one direction of transit.
Finishing	Anti-corrosion treatment - Standard painting color: Yellow
Spikes finishing	Anti-corrosion treatment - Standard painting color : Red
Load class	U.N.I. C250
Type of use	Intensive
Depth of foundations	Surface mounted
Weight (1 meter obstacle)	85 kg (add 7 kg for each semi-circular finishing module)
Weight (2 meters obstacle)	170 kg (add 7 kg for each semi-circular finishing module)

OPTIONAL

1. Electrical piston for blocking the TK MAN for free transit in both direction.
2. Kit of 2 semi-circular finishing module.
3. Kit of 4 chemical anchors for fixing semi-circular finishing module.
4. Kit of 12 chemical anchors for fixing on the road surface - 2 meters model.
5. Kit of 18 chemical anchors for fixing on the road surface - 3 meters model.
6. Kit of 24 chemical anchors for fixing on the road surface - 4 meters model.
7. Kit of 30 chemical anchors for fixing on the road surface - 5 meters model.
8. Kit of 36 chemical anchors for fixing on the road surface - 6 meters model.
9. Locked in low position for free transit
10. Kit of 2 semi-circular finishing modules*

* The two semicircular sectors should be used to increase the safety of vehicles in movement

GENERAL DIMENSIONS (MM)



MODELL	L
TK MAN_2m	2490mm
TK MAN_3m	3540mm
TK MAN_4m	4590mm
TK MAN_5m	5640mm
TK MAN_6m	6690mm

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