

Tyre Killer

The Tyre Killer offers a high degree of protection against unauthorised entry or exit of hostile motor vehicles. If a vehicle attempts to break through, its tyres and/or axles will be destroyed depending on the model. The Tyre Killers can be used individually or in combination with other products.

MAIN FEATURES

- Blocking height: 450mm
- Load bearing capacity up to bridge class SLW 60.
- Shallow foundation depth

Design

Tyre Killer with electro-hydraulic drive unit in separate drive cabinet.

Blocking Width

2000 - 6000mm in 500mm increments

Spike Axle

Axle with welded on spikes and slot sealing bars at 200mm centre distance

Blocking Height

450mm

Underground Housing LxWxH

(CWO + 200mm) x 1150 x 550mm

Drive Cabinet HxWxD

1400 x 1200 x 400mm incl. 200mm high base

Emergency Operation

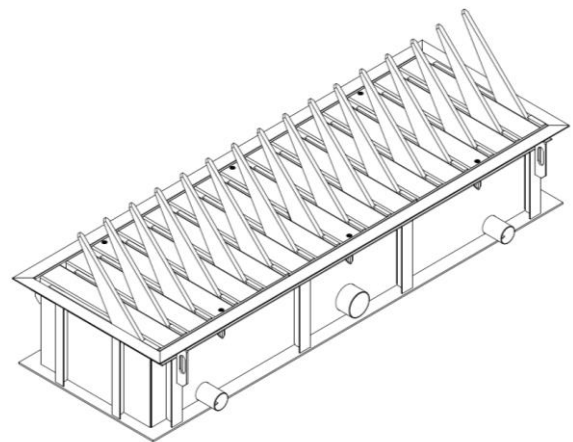
Via hand pump (standard)

Accumulator incl. rechargeable batteries for 3 movements (RO3) (optional)

Operating Times

Raising: approx. 2 sec, lowering: approx. 2 sec (standard and EO)

Optional emergency operation (EO) to override all safety functions)



Wheel Load

100 kN according to SLW60 – DIN 1072

Drive

4.0 kW, 400 V (three-phase), 50 Hz

Hydraulic Fluid

Mineral oil HLP 22 or biodegradable oil Plantohyd 22 S, non-hazardous to water

Control Unit

PLC in control box installed in drive cabinet (standard), PLC in separate control box for wall mounting inside a building (optional), control voltage 24 V

Control Box HxWxD

600 x 400 x 200mm (standard), IP66

800 x 400 x 300mm (for RO3 option), IP66

Supply Voltage

400 V (3Ph + N + PE), 50 Hz

Weight

Approx. 1080 – 3040kg (tyre killer)

Approx. 280 – 400kg (drive cabinet)

Finish:

Tri-Protect®: Long-term anti-corrosion protection coating according to DIN 55633 corrosion category C4, medium durability (Industrial areas e.g. chemical plants and coastal areas with moderate salinity).

The coating system was salt spray tested for approx. 2000 h* without loss of the surface protection in accordance to ISO 9227. * Without damaging the surface

To ensure the lifespan of the paint, the product must be maintained in line with the recommended maintenance schedule

Colour (Standard)

Spike axle	RAL 3000 flame red
Underground housing	RAL 7030 stone grey
Cover plates	RAL 1007 daffodil yellow

Colour (Optional)

Cover plates	Striped RAL 1007 daffodil yellow / RAL 9005 jet black, Striped RAL 3000 flame red / RAL 9010 pure white or other RAL colours or DB colours
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Temperature Range

-20°C – +60°C

As our policy is to continually improve the products we offer, we reserve the right to amend specifications without prior notice. Further product drawings are available on request

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