Tire Killers

Flat Type / Box Type / Electrical

"Danger" "Do Not Enter" Tire Killer

Safety & Security Systems

Call 1-800-123-4567
 Fax: +966 2 690 0242

Web: www.sofab.net    Email: help@sofab.net

"Call the Authorities"

Flat Type / Box Type / Electrical

above the ground / below the ground / electrical
Safety & Security Systems

SOFAB Manufacturers Tire Killers per Standard Specifications listed below. We also produce per customer requirements. You may select a Below or Above Ground Tire Killers that will most suit your requirements. In the event of a collision, the Hardened Teeth, will penetrate the Vehicle Tires and destroy them while minimizing damage to the wheel rims. It will render the intruder vehicle impossible to drive. Each Tire Killer comes with a Locking Mechanism that will lock the knives in the down position incase of an emergency or vehicle reversal. A manual control lever arm can be added to any Tire Killer to allow the movement of the Tire Killer knives in the retreated position to allow vehicles to enter or exit in the opposite direction at the movement of your finger tips. The all New Designed Tire Killer comes with anti corrosion double molded spring. Patent Pending Design, First of its kind in the Kingdom of Saudi Arabia.

 قطرات الإطارات من سوفا ب

مفجر سوفا ب للإطارات بأنواع متعددة سواء كان صلب فولاذي أو مطلي بالنيكل فوق سطح الأرض أو تحت سطح الأرض. هناك نوعين من مفجر الإطارات أحدهما: مثبت فوق سطح الأرض، والأخر مثبت تحت سطح الأرض. توجد آلية غلق اختيارية حيث يمكن تثبيت السكاكين الحادة إلى الأسفل حتى يمكن استعمال المدخل أو المخرج بطرق مختلفه وفي حالات الطوارئ، في حالة التصادم مع مفجر الإطارات فإن السكاكين الأرضية الصلبة تقوم باختراق جميع إطارات المركبة وتدمرها تماما، في حين أنها تقلل من الأضرار بحواف العجل أو الإطار حيث أنها مصممة بطريقة هندسية لاتضر بحواف العجل بل أنها تصد اقتحام المركبات وتعطل قيادتها. جميع أنواع مفجر الإطارات المصممة حديثا تحتوي على زنبرك مزدوج مطلي مضاد للصدأ.
Flat Type Mechanical Tire Killers Please Specify: Below or Above the Ground:

<table>
<thead>
<tr>
<th>Model</th>
<th>Teeth Material Type</th>
<th>Teeth Thickness</th>
<th>Number of Bearing Installed</th>
<th>Number of Springs Installed</th>
<th>Max Load Capacity</th>
<th>Teeth Height Above Plate</th>
<th>Length Per Tire Killer</th>
<th>Width Per Tire Killer</th>
<th>Top Plate Thickness</th>
<th>One Year Warranty</th>
<th>Max Driving Speed</th>
<th>Price SR/Dhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZSF-TK1001-A</td>
<td>Steel, Galvanized</td>
<td>5.0 mm</td>
<td>0</td>
<td>2</td>
<td>2tons</td>
<td>60 mm</td>
<td>1.09 m</td>
<td>420 mm</td>
<td>5 mm</td>
<td>NO</td>
<td>3km/hr</td>
<td>1,589</td>
</tr>
<tr>
<td>ZSF-TK1001-B</td>
<td>Stainless Steel</td>
<td>8.0 mm</td>
<td>2</td>
<td>2</td>
<td>5tons</td>
<td>70 mm</td>
<td>1.09 m</td>
<td>420 mm</td>
<td>5 mm</td>
<td>YES</td>
<td>3km/hr</td>
<td>2,999</td>
</tr>
<tr>
<td>ZSF-TK1001-C</td>
<td>Stainless Steel</td>
<td>10.0 mm</td>
<td>2</td>
<td>2</td>
<td>10 tons</td>
<td>70 mm</td>
<td>1.09 m</td>
<td>420 mm</td>
<td>5 mm</td>
<td>YES</td>
<td>3km/hr</td>
<td>3,856</td>
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<tr>
<td>ZSF-TK1001-D</td>
<td>Stainless Steel</td>
<td>10.0 mm</td>
<td>2</td>
<td>2</td>
<td>20 tons</td>
<td>70 mm</td>
<td>1.09 m</td>
<td>420 mm</td>
<td>10 mm</td>
<td>YES</td>
<td>3km/hr</td>
<td>4,500</td>
</tr>
</tbody>
</table>

Note: Installation cost (Jeddah Region) 690 SR/Dhs per linear meter (Includes concrete base 20cmx 60cm and fixing of tire killer).

Note: Installation cost (Jeddah Region) 390 SR/Dhs per linear meter on Existing Concrete Base

Shipping Weight

<table>
<thead>
<tr>
<th>Above Ground</th>
<th>Model</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZSF-TK1001-A</td>
<td>75+5</td>
<td></td>
</tr>
<tr>
<td>ZSF-TK1001-B</td>
<td>76+5</td>
<td></td>
</tr>
<tr>
<td>ZSF-TK1001-C</td>
<td>77+5</td>
<td></td>
</tr>
<tr>
<td>ZSF-TK1001-D</td>
<td>90+5</td>
<td></td>
</tr>
</tbody>
</table>
Safety & Security Systems

**BOX Type Mechanical Tire Killers Available below Ground only. One year Warranty**

<table>
<thead>
<tr>
<th>Model</th>
<th>Teeth Material Type</th>
<th>Teeth Thickness</th>
<th>Number of Springs &amp; Bearings Installed</th>
<th>Teeth Height Above Plate</th>
<th>Length Per Tire Killer</th>
<th>Width Per Tire Killer</th>
<th>Length Per Tire Killer</th>
<th>Teeth Height Above Plate</th>
<th>Top Plate Thickness</th>
<th>Max Driving Speed</th>
<th>Max Load Capacity</th>
<th>Price SR/Dhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZSF-TK1002-A</td>
<td>Stainless Steel</td>
<td>8.0 mm</td>
<td>2 + 2</td>
<td>90 mm</td>
<td>1.0 m</td>
<td>400 mm</td>
<td>1.0 m</td>
<td>3 tons</td>
<td>5.0 mm</td>
<td>300 mm</td>
<td>3km/hr</td>
<td>2,489</td>
</tr>
<tr>
<td>ZSF-TK1002-B</td>
<td>Stainless Steel</td>
<td>8.0 mm</td>
<td>2 + 2 with additional counter weight</td>
<td>90 mm</td>
<td>1.0 m</td>
<td>400 mm</td>
<td>1.0 m</td>
<td>7 tons</td>
<td>6 mm w/Support</td>
<td>300 mm</td>
<td>3km/hr</td>
<td>3,762</td>
</tr>
<tr>
<td>ZSF-TK1002-C</td>
<td>Stainless Steel</td>
<td>10.0 mm</td>
<td>2 + 2 with additional counter weight</td>
<td>90 mm</td>
<td>1.0 m</td>
<td>400 mm</td>
<td>1.0 m</td>
<td>20 tons</td>
<td>8 mm w/Support</td>
<td>300 mm</td>
<td>3km/hr</td>
<td>4,816</td>
</tr>
<tr>
<td>ZSF-TK1002-D</td>
<td>Stainless Steel</td>
<td>10.0 mm</td>
<td>2 + 2 with additional counter weight</td>
<td>100–120 mm</td>
<td>1.0 m</td>
<td>400 mm</td>
<td>1.0 m</td>
<td>40 tons</td>
<td>10 mm w/Support</td>
<td>300 mm</td>
<td>3km/hr</td>
<td>5,434</td>
</tr>
<tr>
<td>ZSF-TK1002-E</td>
<td>Stainless Steel</td>
<td>10.0 mm</td>
<td>2 + 2 with additional counter weight</td>
<td>100–120 mm</td>
<td>1.0 m</td>
<td>400 mm</td>
<td>1.0 m</td>
<td>40 tons</td>
<td>12 mm w/Support</td>
<td>300 mm</td>
<td>3km/hr</td>
<td>6,994</td>
</tr>
<tr>
<td>ZSF-TK1002-F</td>
<td>Stainless Steel</td>
<td>10.0 mm</td>
<td>2 + 2 with additional counter weight</td>
<td>100–120 mm</td>
<td>1.0 m</td>
<td>400 mm</td>
<td>1.0 m</td>
<td>60 tons</td>
<td>20 mm w/Support</td>
<td>300 mm</td>
<td>3km/hr</td>
<td>8,663</td>
</tr>
</tbody>
</table>

Note: Installation cost (Jeddah Region) 690 SR/Dhs per linear meter (Includes concrete foundation 10cm third to support tire killer).

**BELOW GROUND TIRE KILLER**

**Shipping Weight**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZSF-TK1002-A</td>
<td>46+5</td>
</tr>
<tr>
<td>ZSF-TK1002-B</td>
<td>47+5</td>
</tr>
<tr>
<td>ZSF-TK1002-C</td>
<td>48+5</td>
</tr>
<tr>
<td>ZSF-TK1002-D</td>
<td>81+5</td>
</tr>
<tr>
<td>ZSF-TK1002-E</td>
<td>107+5</td>
</tr>
<tr>
<td>ZSF-TK1002-F</td>
<td>130+5</td>
</tr>
</tbody>
</table>
Flat Type Electrically Operated Tire Killers Available Above Ground.

Includes Electrical Panel, and Push Button Up and Down Switch.

<table>
<thead>
<tr>
<th>Model</th>
<th>Electrical Type</th>
<th>Teeth Material Type</th>
<th>Teeth Thickness</th>
<th>Max Load Capacity</th>
<th>Teeth Height Above Plate</th>
<th>Length Per Tire Killer</th>
<th>Width Per Tire Killer</th>
<th>One Year Warranty</th>
<th>Max Driving Speed</th>
<th>Price SR/Dhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZSF-TK1003-A</td>
<td>Above Ground</td>
<td>HSS Steel, Galvanized</td>
<td>3.0 mm</td>
<td>5 tons</td>
<td>80 mm</td>
<td>3.0 m</td>
<td>600 mm</td>
<td>YES</td>
<td>3km/hr</td>
<td>25,800</td>
</tr>
</tbody>
</table>

Note: Sold in 3 meters sections, each additional 0.5 meters will is sold separately.: 2,500SR/Dhs

Note: Installation cost (Jeddah Region) 690 SR/Dhs per linear meter (Includes concrete base 20cmx 60cm and fixing of tire killer).

Note: Installation cost (Jeddah Region) 390 SR/Dhs per linear meter on Existing Concrete Base

3.0 meters Standard Electrical Tire Killer Structure.

- 3 meters Electrical Tire Killer Spike Modules (6 pieces section of 0.5 meters each).
- 0.5 Motorized Control Panel Box with Power Supply.
- Electrical Up & Down Push Button Switch.
- 20 meters Electrical Wires and 10 meter Switch Cable.
- Optional Additional Tire Killer Modules are available at 0.5 meter lengths.
- Optional LED Traffic Light.
- Maximum Length per Module Set is 5 meters.
Manufactured and Assembled by SOFAB Saudi Arabia with co-operation from SDM Italy.

- Patented Design by SDM Italy.
- The Electrical Tire Killer System Enables Normal Flow of Traffic while the Spikes are Down.
- When the Spikes are Deployed in the Upper Position, it Puncture all Vehicle Tires Instantaneously and Renders the Vehicle Inoperable.
- The System Enables the Immediate Operation after Tire Puncture with no Time Loss.
- Each Module end Incorporates a Connector Rod that Enables the Simplicity of Module Expansions up to Five Meters in Length.

- Government Agencies are Required to Purchase a Yearly Service Contract with Purchase Orders.
- Site Survey Required for Installation Cost Estimates.
- Power Supply: 220 Volt, Single Phase, 50/60Hz.
- Delivery Time 3 days from Date of Purchase Order Received.
- Free Delivery in Saudi Arabian Territory.
Electrical Tire Killer Specifications:

- Standard Dimensions of an Assembled Tire Killer with Control Panel: 3.5 meters, consisting of 6 pcs Tire Killer (500mm per Module) and 1 Control Panel (500mm).
- Standard Modula Tire Killer Length without Control Panel: Length 3000mm X Width 300mm X Module Ramp Height above the Ground 35mm X Spike Height above Modula housing 75mm.
- Optional Maximum Length is 5.5 meters per Each Motorized Control Box System, this includes 10 modules (500mm per module) and one control panel (500mm).
- Dimensions of Spikes: Width 158.4mm X Height 75mm X Thickness 5mm X Protrusion Height above the Module 75mm.
- Space between Spikes 100 mm.
- Length per Tire Killer Segment: 500mm.
- Constructed of Heavy Duty Rigid Steel Spikes.
- Operates on a Solid Steel Rotational Rod.
- Designed to Withstand Axial Loads of a 22 Metric Tons Maximum.
- Rising and Lowering Time in 1 second to a 90° Fully Raised Puncturing Position.
- Includes Three (3) Surface Layer Coating (Zinc Plus 2 Layers of Plastic Coating).
- Gross Total Weight of the Tire Killer with Control Panel in 3 meters Section: 86 Kgs.
- Weight per Each 500mm Spike Module Section is 11 Kgs.
- Power Supply: 220 Volt, Single Phase, 50/60Hz.
Electrical Tire Killers

Electrical Tire Killer
Operating by Electrical Panel

Top-view

Front-view

3 Motor

Side-view

All same size

Top-view

3D-VIEW
Spare Parts List
Flat type Mechanical Tire Killer Spare Parts List (ZSF-TK1001-SPARE PARTS)
- Bearing.
- Bearing Box Holder.
- Small Bearing Tension Right side mounting, (If not sure, kindly bring sample).
- Small bearing tension left side mounting, (If not sure, kindly bring sample).
- Top plate (Specify thickness or bring sample).
- Screw for top plate.
- Cutting knives 5mm to 200, (If not sure, kindly bring sample).

Box type Mechanical Tire Killer Spare Parts List (ZSF-TK1002-SPARE PARTS)
- Bearing.
- Bearing Box Holder.
- Large bearing tension right side mounting, (If not sure, kindly bring sample).
- Large bearing tension left side mounting, (If not sure, kindly bring sample).
- Top plate (Specify thickness or bring sample).
- Screw for top plate.
- Cutting knives 5mm to 200, (If not sure, kindly bring sample).

Flat type Mechanical Tire Killer Spare Parts List (ZSF-TK1003-SPARE PARTS)
- W Shaped cutting knife (5).
- Cutting knife fixing screw (2) and mounting plate.
- Push rod 500mm.
- Swivel push rod head.
- Round head installation mount (2).
- 500mm Large aluminum cutting knife assembly and housing.
- Electrical control panel.
- Push button switch assembly.

Blocker Jaws For Stopping Small Size Vehicles

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Price in SR/Dhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZSF-BJ1004</td>
<td>1000mm(L) x 400mm(H)</td>
<td>67,125</td>
</tr>
<tr>
<td>ZSF-BJ2004</td>
<td>2000mm(L) x 400mm(H)</td>
<td>70,875</td>
</tr>
<tr>
<td>ZSF-BJ3004</td>
<td>3000mm(L) x 400mm(H)</td>
<td>79,625</td>
</tr>
<tr>
<td>ZSF-BJ4004</td>
<td>4000mm(L) x 400mm(H)</td>
<td>90,052</td>
</tr>
<tr>
<td>ZSF-BJ5004</td>
<td>5000mm(L) x 400mm(H)</td>
<td>109,875</td>
</tr>
<tr>
<td>ZSF-BJ6004</td>
<td>6000mm(L) x 400mm(H)</td>
<td>129,625</td>
</tr>
</tbody>
</table>

This is a first of its kind, the All New Retractable Tire Killer. All devices come with Compressor. This unit is the last line of defense. It was designed, tested, and fabricated by SOFAB Manufacturing team. Max stopping capacity is 4 Tons.
Portable Tire Killer

ZSF-TP05000
SOFAB, Portable Tire Killer,
Manual Deployment 4m to 7m.
This portable tire killer weighs less than 8 Kg and can be moved or positioned per the security personnel's requirement.

PRICE: 1,270 SR/Dhs

Manual Countersunk Bollards

(Don’t Impact, for Traffic Control Only)

- The post is raised manually from the housing mounted flush to the ground.
- When the post is extended manually, it must be then locked in a vertical position by use of a pin socket and a lock.
- This bollard can then be manually retracted in to its ground flush housing when not in use.

ZSF-BOLCTSUNK

Manual Counter Sunk Bollard
Height: 90cm
Dia.: 10cm
Steel thickness: 3mm

PRICE: 1,980 SR/Dhs

1 Year Warranty