



## Gunnebo Boom Barriers

Efficient access control without any limitations

Gunnebo Boom Barrier systems form a part of site protection and efficient access control. A combination of a boom barrier and a sliding gate greatly increases control of the number of vehicles entering and leaving the site, optimises traffic flow management and ensures overall security in the gateway area.

Our boom barrier has a modular structure: the drive column is housed in a self-supporting frame. The system fully absorbs all forces, resulting from barrier movements

or wind pressure. The gear unit, crank drive and optional control units are housed in a stainless steel housing.

One of the distinguishing features of the Gunnebo barriers is their simplicity of assembly which allows the system to be easily fitted. This results from the pre-assembly and the thorough functionality check in the factory.

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## GHS type

Gunnebo's GHS manual boom barriers are used for entrances which are only rarely opened or closed. The frame of the barrier holder and support post are made out of stable steel sections. The aluminium pipe boom can be coated as an option. When at rest, the barrier is supported and secured in place by a lockable support post.

## GES type

Gunnebo's GES electric barriers for entrance widths up to 8 meter. Using Gunnebo's GES barriers in combination with Gunnebo sliding gates, during nighttime control operations, the site is secured by a sliding gate and the boom barriers are 'open'. The site can however be accessed using a card reader or remote control. During the daytime, the boom barriers are controlled by card reader systems, pushbutton, remote control, automatic timed access control, induction loops and photocells.

## GES type with pendulum support

As an option, a pendulum support can also be attached to barriers. This device takes the weight of the barrier when closed. The robust drive with spring-loaded support and dual mounting of the barrier, using stable vertical bearings, allows huge opening widths and low-wear operations. The support bracket is a stationary post.

## Modular principle

All GES type barriers are manufactured as modules. This allows wearing parts to be easily replaced as well as making maintenance and service very customer-friendly.

## "Everything from one source"

"Everything from one source" is our principle. Planning, manufacturing, installation and maintenance is our competence. Gunnebo stands at your side as a strong and experienced partner.

### Features

- Automatic controls
- Robust steel construction
- Stainless steel barrier housing
- For large and small gateways
- Day and night operations
- Designed for continuous use
- Special versions
- Can be adapted to your strict security requirements

We reserve the right to alter product information without any obligation.





## Tyre Killer

Massive sharp spikes with guaranteed stopping effect

The range Anti-Terror/High Security consists of different systems/products. Within the range High Security the elkosta Tyre Killer forms a high degree of protection against the unauthorized entry or exit of motor vehicles of protected areas. elkosta Tyre Killers offer vulnerable installations a high level of security against unauthorised vehicles forcibly entering or exiting the premises. If a vehicle attempts to

break through, both its tyres and axles will be destroyed and further progress will certainly be prevented. Typical areas of application are: embassies, industrial plants, power stations, parking lots, car parks, airports, military plants and private properties. elkosta Tyre Killers offer high security.

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## Application type and function:

elkosta Tyre Killers can be used individually or in combination with other Gunnebo products (e.g. Road blockers DSP® K12, barriers, gates, hydraulic lifting barriers or bollards), so that a sluice for vehicles is formed.

The solid sharp spikes will come into position in approximately 2 seconds and block the road with a height of 450 mm. The spikes are clearly recognisable thanks to garish warning colours and this ensures approaching vehicles to stop in good time. In the lowered position the elkosta Tyre Killer it is completely unobtrusive and is flush with the road surface.

The housing cover corresponds to the bridge class 60, so that the heaviest vehicles can use the secured entry. The "plug and play" elkosta Tyre Killer is characterised by a particularly shallow installation depth. They are particularly suitable for locations in which depth is limited due to in ground cables or pipes.

## Control options

Different control options are available, such as:

- Push-button actuator
- Code switch
- Magnet/code card reader
- Remote control
- Induction loops
- Photo beams
- Finger print scanner
- Iris scanner
- Electronic vehicle identification systems
- Contact free reader systems
- Crash PAD (a switch at the boom barrier)

when a vehicle tries to ram the boom barrier the elkosta Tyre Killer automatically is raised into blocking position thus ensuring a secure entrance.

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## Advantages of the Tyre Killer

- Short operating time of the spikes.
- Spikes in warning colour.
- Stable Construction: of all basic parts consist of steel with high tensile strength.
- Easy installation due to assembly-finished blocking unit and separate drive cabinet.
- Tri-Protect Long-Term Corrosion Protection.
- Low maintenance.
- Installation in all climate zones possible.
- All vehicles can drive over the lowered Tyre Killer
- Emergency control after power failure by a hand pump or an accumulator (option).

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