

AluGARD®

Aluminium alarm fence in modular design

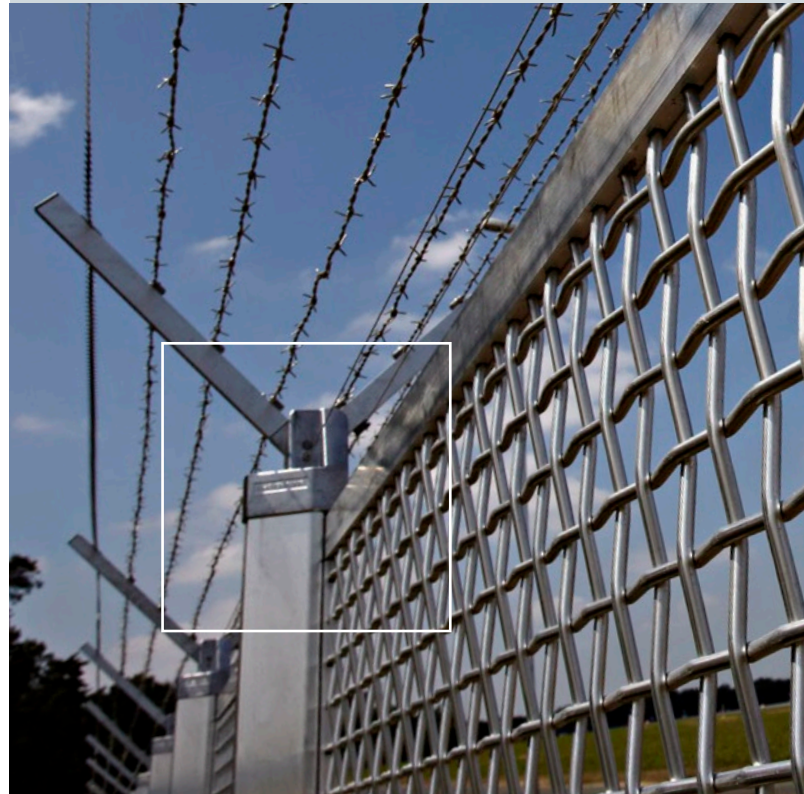
AluGARD® is a powerful, modular alarm fence system. It consists of aluminium posts in various sizes and diameters with clip-on modules for a quiescent-current-monitored climb-over detection with Y-boom, for a sensory climb-over detection with infrared, laser, optical fibre and video as well as optionally for LED lighting modules.

Alternatively, a fiber-optic transcontinuity detection is available without a robust Y-boom.

Thanks to its modular design, AluGARD® can be combined with almost any alarm management system and with various fence mats and fillings and supplemented with a wide range of undergravel protection technologies. The system is almost free of unwanted alarms.

AluGARD® is extremely resistant. The modular design allows the fence to be flexibly aligned to fit in perfectly with any environment.

AluGARD® is available in the colour aluminium natural and in all RAL colours.



Material

AluGARD® is the first alarm fence in the world made of aluminium and it was developed by HAVERKAMP. Aluminium is ideally suited for use in extreme weather conditions by virtue of its light weight and good stability. It is resistant not only to corrosion but also to rain, cold, wind and extreme heat. HAVERKAMP has tapped into the material's unique properties to create these high-quality AluGARD® security modules.

AluGARD® at a glance:

- High-performance modular base structure for alarm fence systems
- Extremely high durability, highly resistant to false alarms
- Gapless, sabotage-proof detection
- Can be combined with a wide variety of fence paneling and filler materials (from aluminium to glass)
- Suitable for virtually any alarm management system
- Can be combined with climb-over detection and tunneling protection technology as well as LED lighting modules
- Highly efficient, design-oriented, and available in all RAL colors
- Developed by HAVERKAMP (ISO 9001 certified)

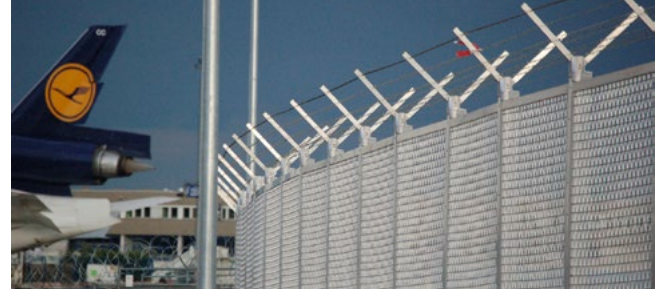


System components

The AluGARD® system consists of the following structural components: posts, post heads, Y-arms and base plates. The intermediate filler materials can be chosen from glass (GlasGARD®) or aluminium (WaveGARD®). Quiescent current monitoring is employed either over the entire structure or in defined signal zones. The detection grid is variable. Quiescent current monitoring also includes the posts, post heads and Y-arms.

If desired, it is also easily possible to integrate sensor, camera and lighting equipment into the system. Climbover and tunneling protection can also be incorporated.

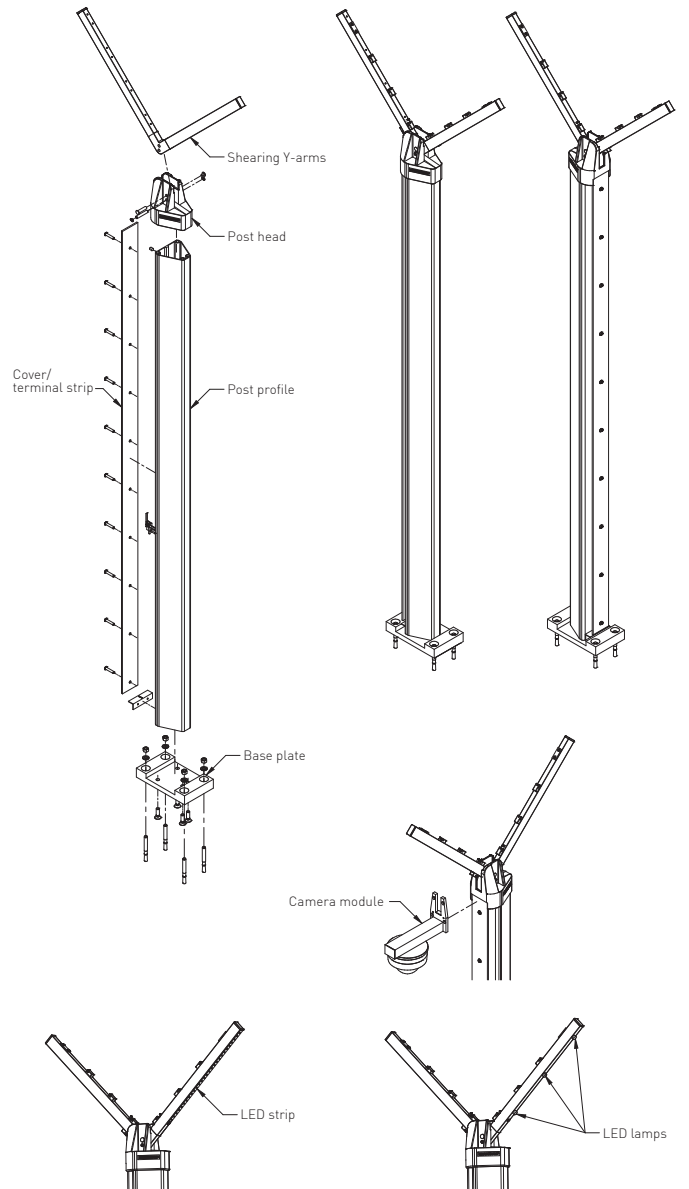
Thanks to its modular structure, HAVERKAMP is able to adapt the system to the customer's needs and requirements, without neglecting security.



AluGARD® with WaveGARD® filler material at Frankfurt airport:

The AluGARD® system is suitable for many applications, including large-scale industrial plants and airport facilities. This has been amply demonstrated by practical experience. At Frankfurt Airport, for example, HAVERKAMP has installed AluGARD® with WaveGARD® filler and V-top security posts as climbover protection. After several years of use, the operator, FRAPORT AG, drew a positive verdict of the alarm fence, confirming the high performance of its security functionality.

Overview of system components:



AluGARD® with fence mat GlasGARD® and climb over detection



AluGARD® with WaveGARD® filler material



AluGARD® profile cross-section



Barbed wire and Y-arm climbover protection



AluGARD® post head

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With the release of a new datasheet the previous data lose their validity.
 Münster, February 2019