



designed for security

# High-security products

For the secure management of access routes and the protection of property and individuals



Consel Group is a leading manufacturer of high-security solutions for access control and mobile access protection.

From our range of high-quality in-house manufactured products, we create the ideal system for you, including planning, design, and maintenance. Have your own ideas? We'd be happy to bring them to life for you.



# Our high-security solutions at a glance



## Fixed bollards

Static bollards offering a variety of resistance levels. Available in different colors and materials, designed for installation in flat foundations.

ARMIS FIX-72-20:	Ø 160	H 800
ARMIS FIX-72-30:	Ø 220	H 1000
ARMIS FIX-72-30:	Ø 278	H 800
ARMIS FIX-72-50:	Ø 278	H 1000



## Removable bollards

Removable bollards, ideal for reducing restricted areas, either combined with automatic bollards or used for impact protection. Depending on the bollard's resistance and weight, lifting equipment may be required.

ARMIS Sentinel I*:	Ø 104	H 900
ARMIS REM-72-20:	Ø 160	H 800
ARMIS REM-72-30:	Ø 220	H 1000
ARMIS REM-72-30:	Ø 275	H 900
ARMIS REM-72-50:	Ø 275	H 1000

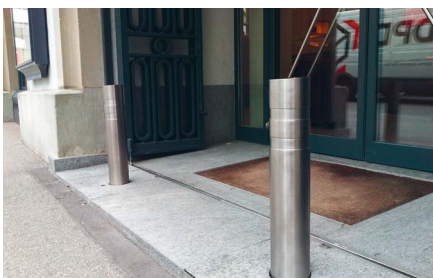
\* Weight only 26 kg



## Automatically retractable bollards

Automatically retractable bollards with integrated, high-performance hydraulic drives for frequent use. Optionally available with EFO devices for lifting speeds of 2-3 seconds.

ARMIS ART-72-30:	Ø 271	H 800
ARMIS ART-72-50:	Ø 271	H 1000



## Manually retractable bollards

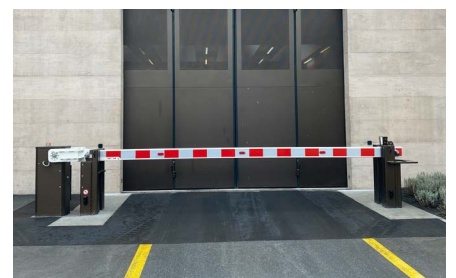
Bollards that can be easily lowered into the ground with light pressure or a cordless screwdriver, suitable for minimizing restricted areas in combination with fixed or automatic bollards.

ARMIS MRT-72-20:	Ø 160	H 700
ARMIS MRT-72-30:	Ø 275	H 800
ARMIS MRT-72-50:	Ø 275	H 1000



## Removable natural stone bollards

This natural stone bollard offers it all! At its core is a bollard with a foundation, covered by a natural stone casing. Available in both fixed and removable versions, with a variety of natural stone options.



## ARMIS high security barrier ALE AB-C80

This durable automatic barrier offers top-level protection for critical infrastructures such as military bases and prisons. Certified to IWA 14-1:2013 with an impact load of 1851 kJ, it supports barrier widths up to 6000 mm and requires foundation installation.



# Mobile and permanent access protection



## Mobile vehicle barrier ARMIS ONE

Whether it's a music festival, funfair, city event, or Christmas market, protecting against hostile vehicle attacks is becoming increasingly important. ARMIS ONE is a mobile vehicle barrier that provides maximum protection while allowing controlled access.

### Manually foldable

The ARMIS ONE barrier's blocking segment can be easily lowered manually in seconds, allowing smooth passage for emergency vehicles, deliveries, or traffic outside event hours. The modular units are designed for

quick deployment, resting directly on the ground, and can be linked together for added stability, without needing any fixed connection to the surface.

### Smart logistics

The custom heavy-duty pallet for ARMIS ONE ensures safe transport and efficient storage.

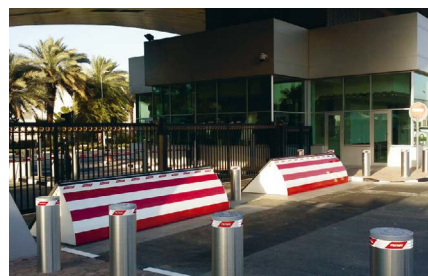
### Certified protection

ARMIS ONE is certified to ISO 22343-1 (7.2t@48km/h, 8.3-meter penetration depth) and DIN SPEC 91414-1 (displacement and manipulation test, MK2).



## ARMIS Roadblocker RBS

Slim road blocker with an installation depth of just 550mm, making it a perfect alternative when retractable bollards can't be installed due to limited installation depth. It offers high impact resistance of 640 kJ (7.2t@48km/h), making it ideal for critical infrastructure and access control with a security focus.



## ARMIS Roadblocker RB

The electro-hydraulic road blockers ARMIS RB500 and ARMIS RB1000 are robust vehicle barriers, offered in various passage widths and heights (500 mm and 1000 mm above ground). They are designed for installation in shallow foundations with depths of 200 mm and 400 mm.



## Protective street furniture

Protective street furniture, including planters, benches, and seating islands, available in a variety of materials, shapes, and colors. Our expert engineers offer guidance in designing and developing urban spaces, helping you create the perfect solution that balances safety and aesthetics.

# New threat situation requires intelligent security solutions

The current threat landscape and global progress in anti-terrorism measures call for innovative and intelligent security solutions. Preventing vehicle attacks through access control has become a key priority. Effective solutions must feature vehicle barriers capable of stopping vehicles of varying sizes, weights, and speeds – regardless of the attack method. These barriers can be classified into three categories: basic access control for standard protection, crash protection for general security, and high-security solutions for anti-terrorism purposes.

Consel Group's security products are specifically designed to protect people, assets, buildings, and entire areas in strategically critical locations.

With outstanding impact resistance, our products meet the highest standards for crash protection and comply with ISO, IWA, ASTM, CWA, and PAS certifications. They undergo rigorous testing in simulations and, in many cases, full-scale crash tests, earning certification from independent organizations.



## Our products

Consel Group's high-security products are perfect for securing access to city centers, government buildings, ministries, embassies, consulates, nuclear power plants, barracks, military bases, prisons, airports, railway stations, banks, shopping centers, jewelry stores, and for temporary use at events.

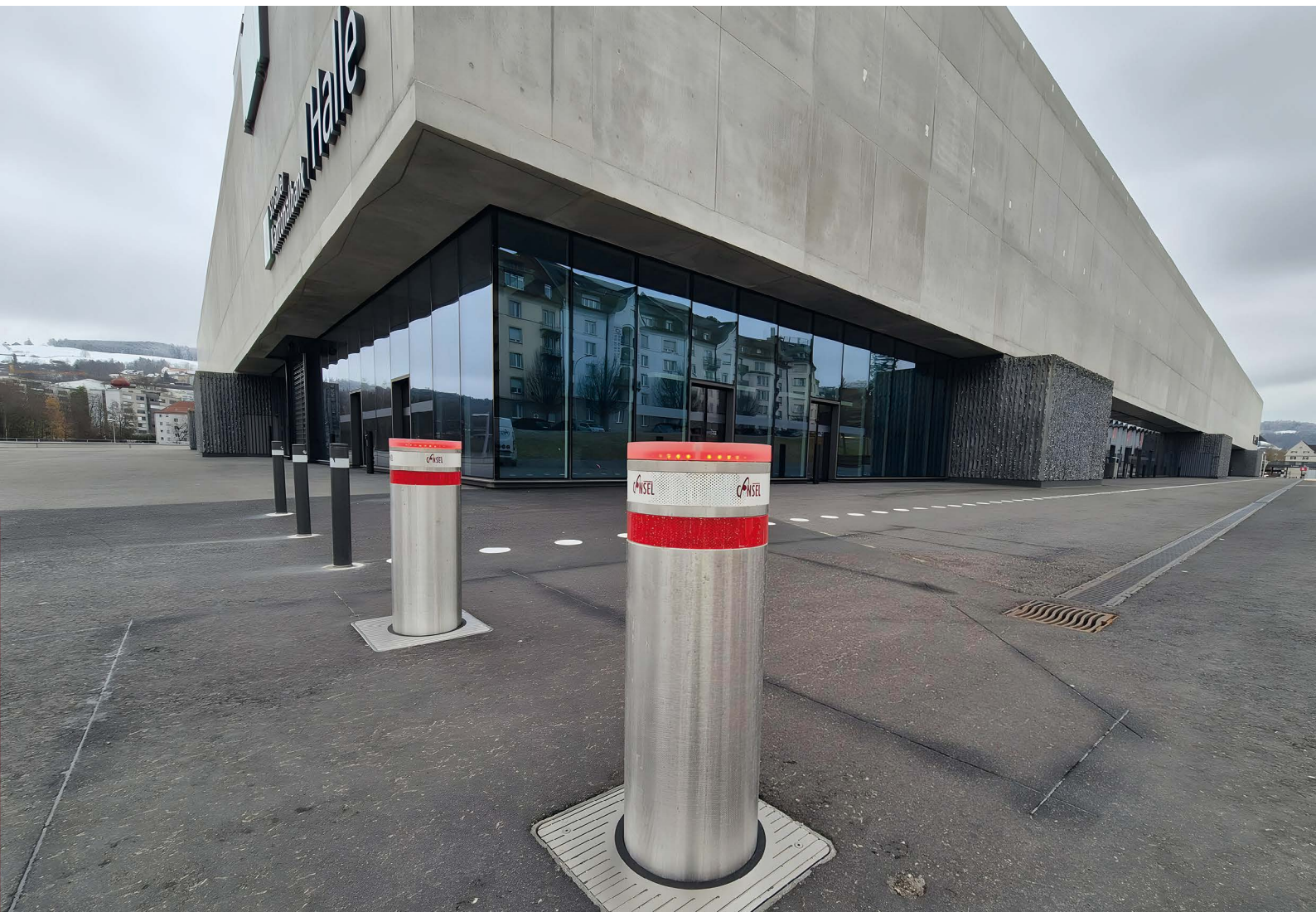
### Our full-service offer

From consultation and planning to implementation and maintenance, we provide everything «under one roof.» Together with our experts and a trusted partner network, we ensure seamless service and delivery.

### Customised products and solutions

Whether fixed, removable, manually operated, or fully automatic safety barriers, our innovative approach leaves nothing to be desired. We are happy to design and produce the ideal security system for you – tailored to your unique needs in both design and functionality.





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Safe, reliable,  
functional and  
economical.