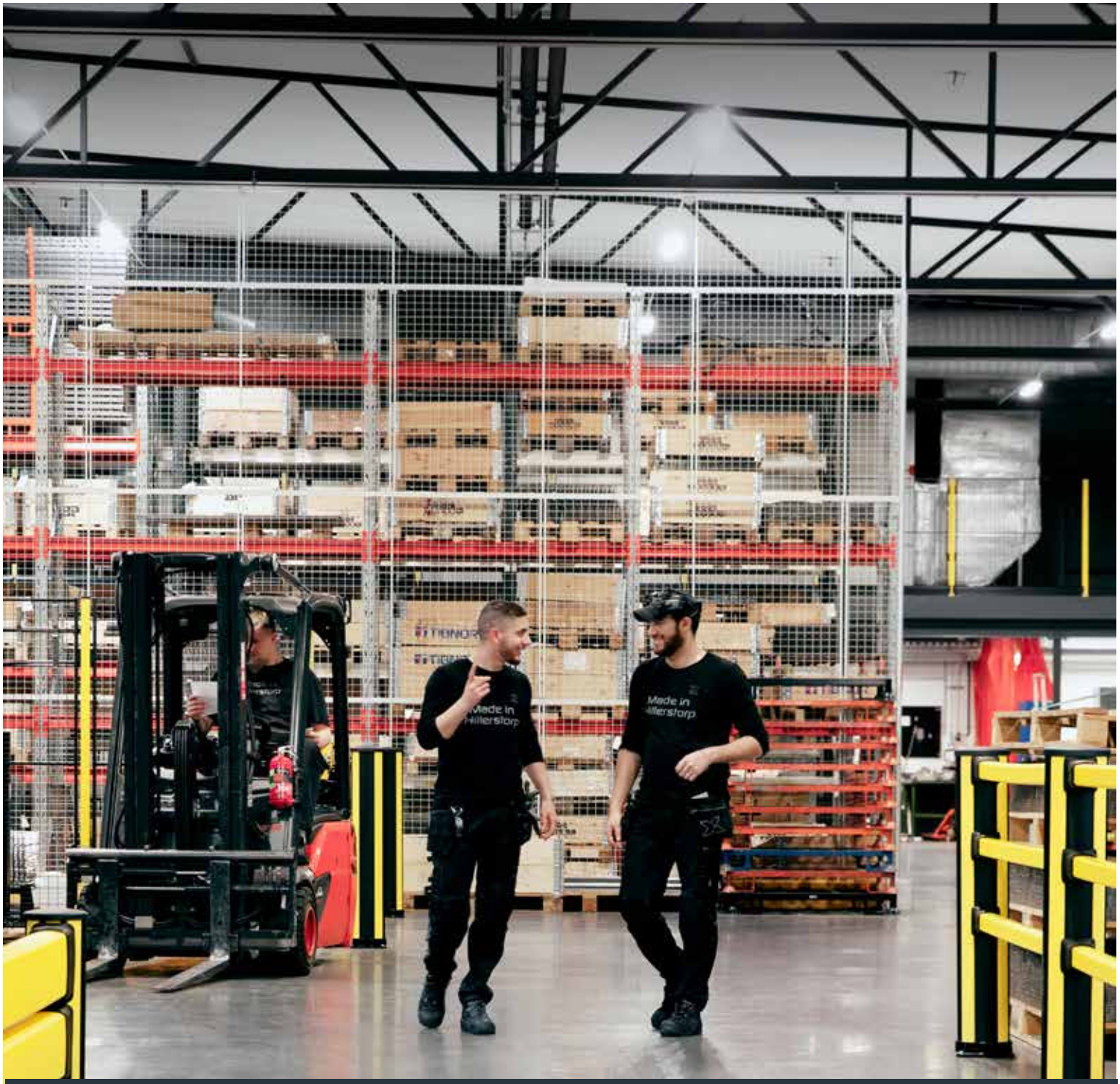


X-Protect

FOR ALL YOUR IMPACT PROTECTION NEEDS

AWP

v 2.0 | English

X-PROTECT | IMPACT PROTECTION

Designed for a simple future

Axelent offers a wide range of smart products for a safer production and warehouse environment. Whatever the challenge, we know the significance of creating solutions that can handle them. We've spent years in development to make sure our products exceeds all expectations.

To succeed, we need to create something no one has ever done before. Pushing the design to the limit. The result is our refined impact protection system. We call it X-Protect.

X-Protect is a range of modular impact barrier systems and is the most recent addition to Axelent's portfolio of workplace safety products. Safety is just our starting point. Our goal is flexibility. Welcome to a new era of impact protection with products designed to simplify your future!

A new way of preventing damage in industrial environments

How often have you experienced the following? A forklift goes astray and is stopped by a steel bollard or safety rail.

Unfortunately, the collision damages the steel bollard. As well as the concrete floor, the forklift and the goods. Moreover, the operator is injured. Surely things don't have to be like this? Imagine if you could replace those heavy-duty collision guards with a set of solutions designed to absorb impacts and avert collisions while also reducing your maintenance costs? Well, you can! Supplied by Axelent!

The advantages of impact protection products

Most products on the market work well as shock protectors but are hard to assemble. Axelent offers you something super easy to install. Secondly, most of the existing products lack true flexibility, are hard to extend and not possible to build upon an existing system of protection.

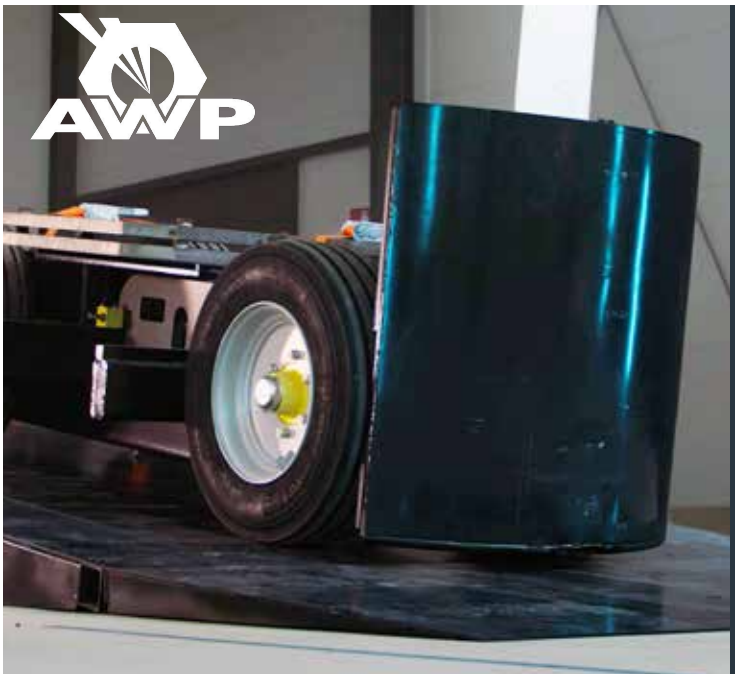
If you have a production or a warehouse that needs to expand, you would have to tear the current system down and start all over again. This is both time-consuming and very expensive. This was before X-Protect!

X-Protect is the only impact protection system that changes with your needs. Its uniquely modular design allows you alter existing configurations. With X-Protect you can add protection where and when you need it, and even integrate with our X-Guard machine guarding system. That is unique on the market.

The system is designed with flexibility and modularity in mind. While competing products require specific posts for different configurations, Axelent's X-Protect are uniquely keyed to allow limitless combinations.

Our flexible connection pieces help dissipate the force of an impact. Not only are they easy to install and/or replace but also incredibly strong. Leading to longer centres between posts, less holes in your floor and lightning fast installation.

One of the great advantages is that all protection is based on the same principle: A 100% modular solution with the same type of anchoring to the floor. This means you can easily change between, for example, impact barriers and pedestrian barriers without having to do any new installation work.



Impact testing

Our impact protection has been through vigorous testing. Axelent is a safety company, so naturally X-Protect has been thoroughly tested at our state-of-the-art facility. Using a weighted forklift truck replica, we can apply **repeatable real-world forces to impact zones**.

All of this to give you peace of mind that X-Protect provides you with all the protection you need.

Environment

Sustainability is at the forefront of our minds. **Only one kind of plastic is used in each part, which makes the product optimal for recycling**. When it is worn out, you can simply recycle the material.

It also **allows for damaged or worn parts to be replaced at a component level**. The materials are the result of careful choices, all to make X-Protect as long-lived and environmentally friendly as possible.

Packaging

All X-Protect components have been **designed with packing efficiency in mind**, so that space is optimised.

Furthermore, we use our **X-Pack** packing philiosophy so the parts you need are on hand and installations can start quickly.

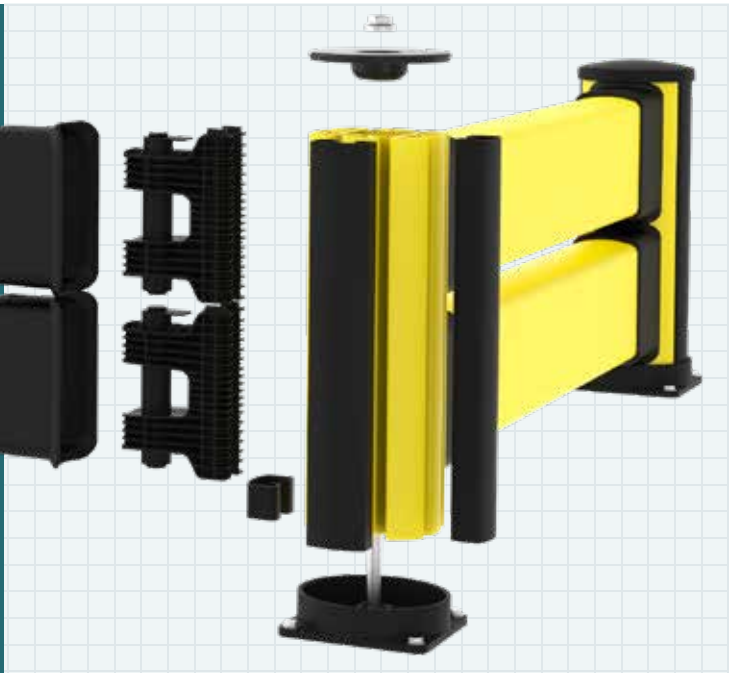
Assembly made easy

X-Protect is **incredibly easy to assemble and dis-assemble** with minimal tools. You simply slide the rails between the posts. This also makes it quick and easy to change to a different configuration, or replace a worn component.

Modularity

Complete modularity is key to X-Protect being highly flexible. Assembling our impact protection system is in many ways like using building bricks. Combine our different components to **form the optimal configuration for your specific needs**.

Of course you can easily integrate it with X-Guard, our machine guarding system.



Your routine facility inspection

The condition of your impact barriers should be a natural part of your routine facility inspection.

No other impact protection system allows for such **fast replacement of individual damaged or worn parts**.

Bollards

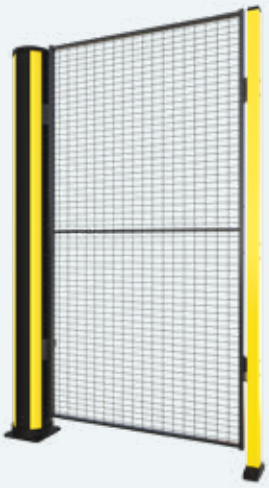
The **X-Protect Bollards** are designed to protect structures and equipment from vehicle impact damages. It has a core which dissipates the energy from impacts, preventing damage to your equipment and is really kind to your floor.

The black and yellow bollards attract the forklift driver's attention and can also act as guidance along traffic routes.

The bollard is **easy to install** and only a few tools are needed. Download our assembly manual by scanning the QR code to the right on this page.

SCAN THE CODE TO READ OUR TECHNICAL BROCHURE

SCAN THE CODE TO READ OUR ASSEMBLY MANUAL



X-Guard compatible bollards

If you have our machine guard system X-Guard installed, it is easy to integrate it with our X-Protect range. This taller bollard comes in three heights to fit our most common panel options. Following on from the bollard you can then choose any configuration of X-Protect.*

* Please consult with your Axelent representative for correct usage.

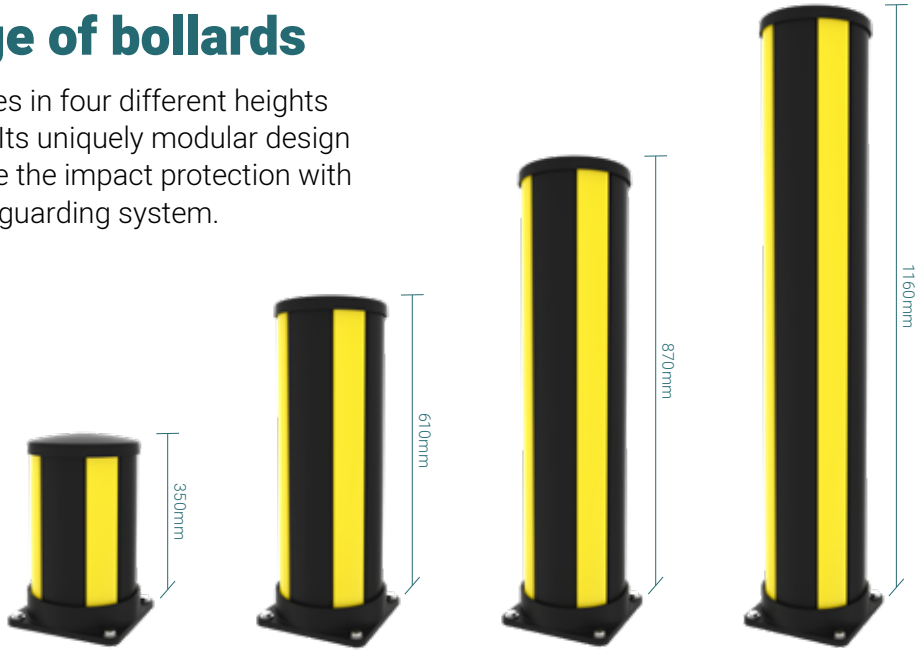
X-Guard

Our machine guard system X-Guard comes with a wide range of standard components and accessories. It is guaranteed to cover all of your machine guard needs.

SCAN THE CODE TO LEARN MORE ABOUT X-GUARD

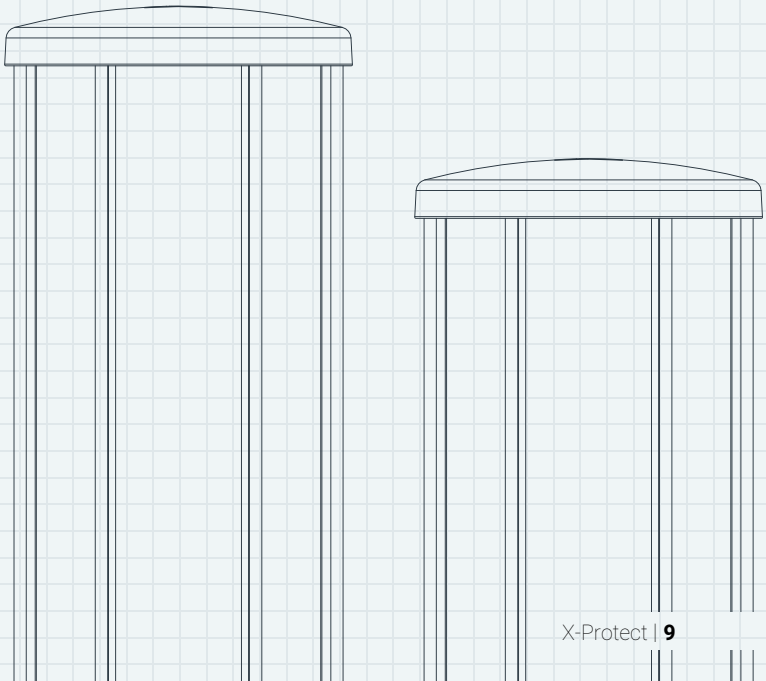
A wide range of bollards

The bollard post comes in four different heights to match your needs. Its uniquely modular design allows you to integrate the impact protection with our X-Guard machine guarding system.



The benefits of X-Protect Bollards

- ✔ Built in damping
- ✔ The bollard has an energy dissipating core
- ✔ Kind to the floor
- ✔ Comes in four different heights
- ✔ Several interchangeable configurations available
- ✔ Recyclable materials
- ✔ Compatible with our X-Guard machine guarding system



Impact & Floor Barriers

Our **Impact & Floor Barriers** have shock-absorbing rails and bollards, the innovative design adds flexibility throughout the whole system. If you like to change or replace any parts - it's just a slide away.

The Floor Barrier can be used in a single layer around perimeters to protect building facilities, machinery and equipment from ground level damage. It is also **a perfect way to define routes**, spaces and to guide vehicles which will ultimately prevent impacts and accidents.

The Impact Barrier is also **ideal in two layers to protect pallet racking** and other areas in need of extra protection.

SCAN THE CODE TO READ OUR TECHNICAL BROCHURE

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Impact Barrier

For ground level impact protection. It is ideal for segregating light weight vehicles.

Impact High Barrier

For high level impact protection. It is ideal for segregating light weight vehicles.

Double Impact Barrier

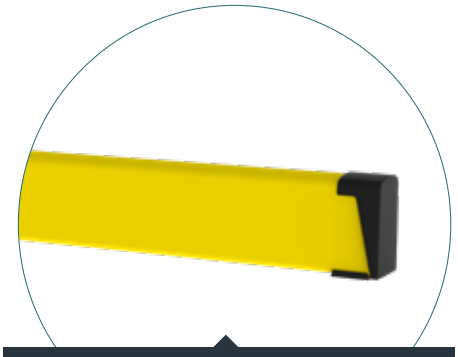
Protects structures from high level, heavy duty impacts. It is one of our strongest impact configurations.

Double Impact Low Barrier

Protects structures from low level, heavy duty impacts.

Impact High + Floor Barrier

Protects structures from ground level, heavy duty impacts. It offers protection down to the floor.

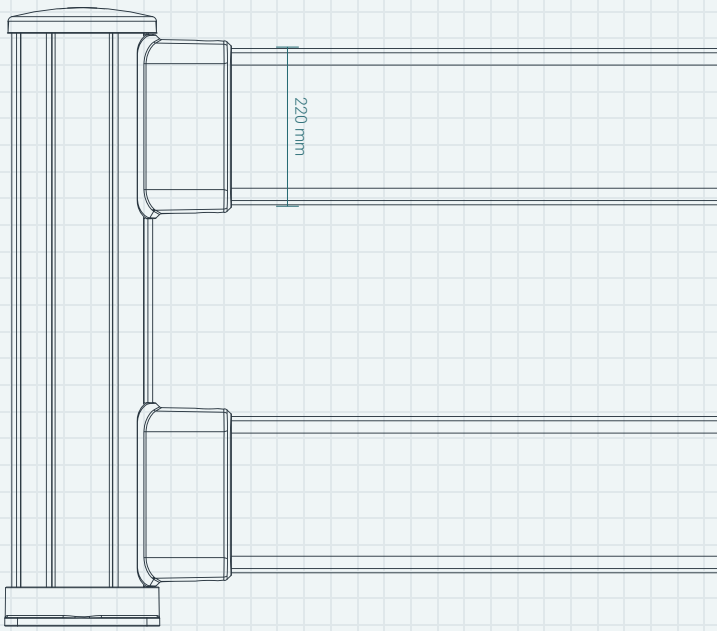


Floor Barrier

Protects structures from ground level, light impacts. It offers protection down to the floor.

The benefits of Impact & Floor Barriers

- ✔ Damping within the rails
- ✔ The bollard has an energy dissipating core
- ✔ Kind to the floor
- ✔ Easy slide-in installation
- ✔ CC lengths up to 3000mm
- ✔ Several interchangeable configurations
- ✔ Recyclable materials



Pedestrian Barriers

Pedestrian Barriers are the most important means of protection by separating people from forklifts and other potential workplace hazards

Our Pedestrian Barriers have **built in damping** in the rails and the core which makes it highly shock-absorbing. The rails themselves are incredibly strong, which results in wider centres between posts, making it a very **cost-effective** solution.

But the best thing might just be the **modular design** that makes X-Protect unique. By combining our Pedestrian, Impact and Floor barriers, **we offer an optimal configuration for every possible need**. If your requirements change, you can easily modify the configuration by simply sliding the rails in and out.

SCAN THE CODE TO READ OUR TECHNICAL BROCHURE

SCAN THE CODE TO READ OUR ASSEMBLY MANUAL

Pedestrian Gate

The X-Protect Pedestrian Gate allows for safe passage through all configurations of our Pedestrian Barriers. You can easilly attach it to any post.

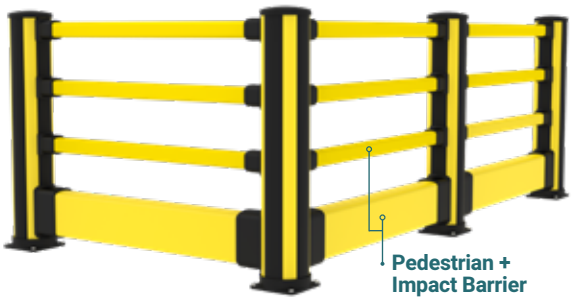
Thanks to its clever design, the gate is both universally handed and self closing. The width is adjustable from 690mm up to 1210mm.

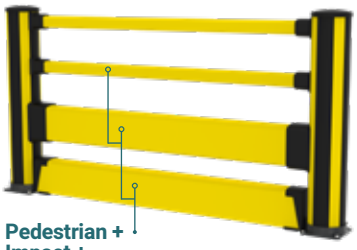
Flexibility through modularity

Our Pedestrian, Impact and Floor Barriers can be combined to create the optimal configuration for every possible need. In certain areas the Pedestrian Barriers alone will get the job done by defining pedestrian routes and protecting from light duty impacts.

In more exposed areas where you might have heavier traffic, the addition of our Impact and Floor Barriers is highly recommended.

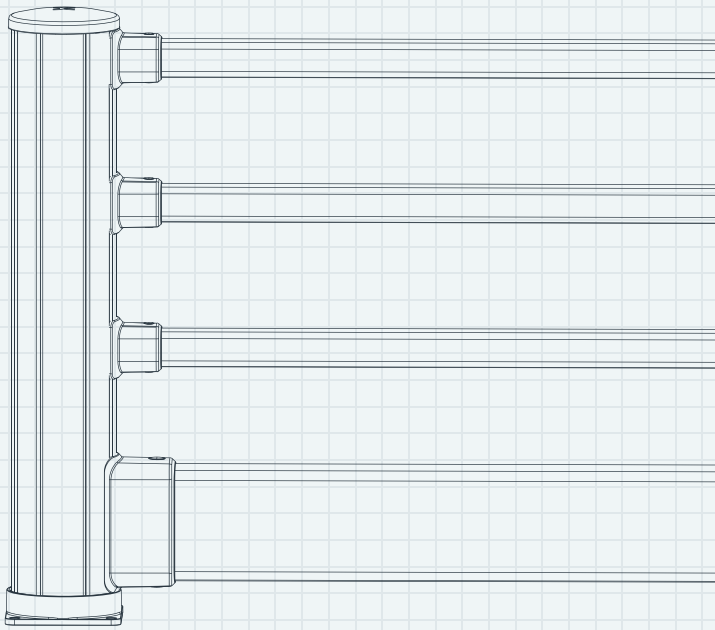
No matter what configuration you choose, you can always change it later. Simply slide the rails in and out to create your new and optimised configuration.

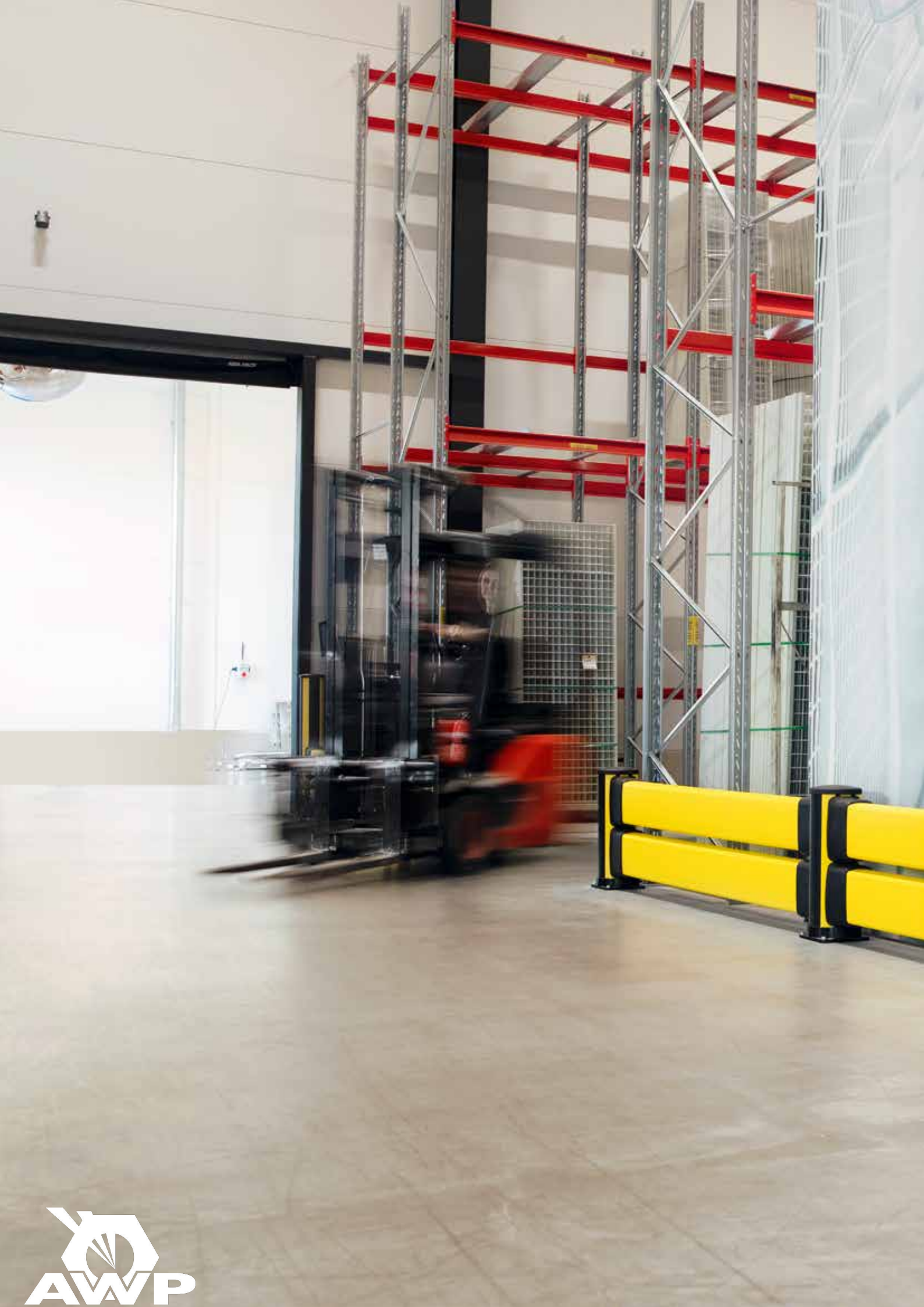




The benefits of Pedestrian + Impact Barriers

- ✔ Damping within the rails
- ✔ The bollard has an energy dissipating core
- ✔ Kind to the floor
- ✔ Easy slide-in installation
- ✔ CC lengths up to 2500mm
- ✔ Several interchangeable configurations
- ✔ Recyclable materials

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