AXELENT

Est 1990

X-Protect Poteau antichoc

X-Protect Bollards safeguard corners, doorways and equipment from vehicle impacts. The black and yellow colour scheme enhances visibility and helps direct forklift traffic, creating safer, well-organised industrial routes.

The X-Protect Classic Bollards are built for heavy-duty protection in areas exposed to frequent vehicle movement. Ideal for safeguarding doorways, exposed corners and machinery, they attract attention and help drivers navigate safely along traffic routes. The Classic Bollards are available in four sizes, from 350 to 1160 mm, and can also be seamlessly integrated into the X-Guard Machine Guard System, creating a continuous safety solution across the facility.

The X-Protect Essential Bollards, by contrast, are designed for light-duty impact zones where flexibility and fast installation are key. They provide dependable ground-level protection against accidental contact from forklifts, AMRs or pallet trucks while maintaining an open layout. Available in four sizes from 620 to 1170 mm, the Essential Bollards allow easy adaptation to different layouts and traffic conditions.

As part of the X-Protect Impact Protection System, both bollard types feature modular components, quick installation and easy maintenance which gives long-term performance with minimal disruption.

Key features

- Fast to install
- Kind to the floor
- Easy to repair

Impact test results					
Classic Bollard					
Bollard height	*Load*	*Equivalent to*		*90° Deflection*	*Force to fixings*
350mm	3200 J	2500 kg 5.7 km/h	5000 kg 4 km/h	NA*	18 kN
610mm	5250 J	2500 kg 7.3 km/h	5000 kg 5.2 km/h	300mm	19.5 kN
870mm	5250 J	2500 kg 7.3 km/h	5000 kg 5.2 km/h	420mm	17.5 kN
1160mm	5250 J	2500 kg 7.3 km/h	5000 kg 5.2 km/h	620mm	12 kN
Essential Bollard					
Bollard height	*Load*	*Equivalent to*		*90° Deflection*	*Force to fixings*
620mm	1500 J	2500 kg 3.9 km/h	1500 kg 5 km/h	160mm	5.6 kN
880mm	1500 J	2500 kg 3.9 km/h	1500 kg 5 km/h	380mm	6.4 kN
1170mm	1500 J	2500 kg 3.9 km/h	1500 kg 5 km/h	585mm	4.3 kN

- Due to the bollard height, it is considered that the deflection is not critical for product selection.

Modèles

Essential Bollards 3 articles

ARTICLES / DESCRIPTION	LARGEUR (MM)	HAUTEUR (MM)	COULEUR
BEP0-062-0000 Essential Bollard	114	620	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
BEP0-088-0000 Essential Bollard	114	880	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
BEP0-117-0000 Essential Bollard	114	1170	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)

Classic Bollards 8 articles

ARTICLES / DESCRIPTION	LARGEUR (MM)	HAUTEUR (MM)	COULEUR
BCP1-035-0000 Poteau antichoc	200	350	Jaune zinc (RAL 1018)
BCP0-035-0000 Poteau antichoc	200	350	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
BCP1-061-0000 Poteau antichoc	200	610	Jaune zinc (RAL 1018)
BCP0-061-0000 Poteau antichoc	200	610	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
BCP1-087-0000 Poteau antichoc	200	870	Jaune zinc (RAL 1018)
BCP0-087-0000 Poteau antichoc	200	870	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
BCP1-116-0000 Poteau antichoc	200	1160	Jaune zinc (RAL 1018)
BCP0-116-0000 Poteau antichoc	200	1160	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)

Produits associés

X-PROTECT

Poteaux antichocs et adaptateur X-Guard

Utilisez nos poteaux X-Protect pour protéger les entrées de porte, les angles à nu et les machines. De plus, les couleurs noires et jaunes des poteaux attirent l'attention du conducteur du chariot...

12 articles

PROTECTION DE PILIER

X-Protect Protection de pilier

Pour protéger les piliers de votre installation contre les chocs et les préserver des dommages. De conception unique, la protection est pourvue de cavités spécialement formées pour efficacement dis...

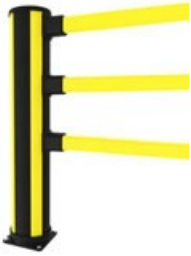
1 articles

CLASSIC BARRIÈRE PIÉTONNE

Barrière piétonne + bastaing

La barrière piétonne + le bastaing de protection protègent les allées des véhicules de gamme moyenne lorsquele risque de chocs au niveau du sol est accru. Il est également possible de le combiner a...

19 articles



CLASSIC BARRIÈRE PIÉTONNE

Barrière piétonne

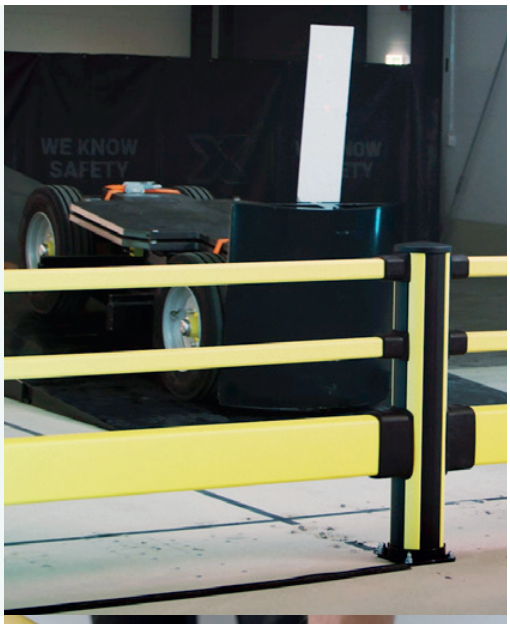
La barrière piétonne sert à définir des parcours piétons et à protéger des chocs légers.

12 articles

Impact Protection

X-Protect is Safe

- Our impact protection products undergo rigorous testing at our state-of-the-art testing facility.
- With decades of experience in industrial safety, we've designed our impact protection to perform effectively in real-world conditions.
- We know safety and can guide you to the best solutions tailored to your specific needs.

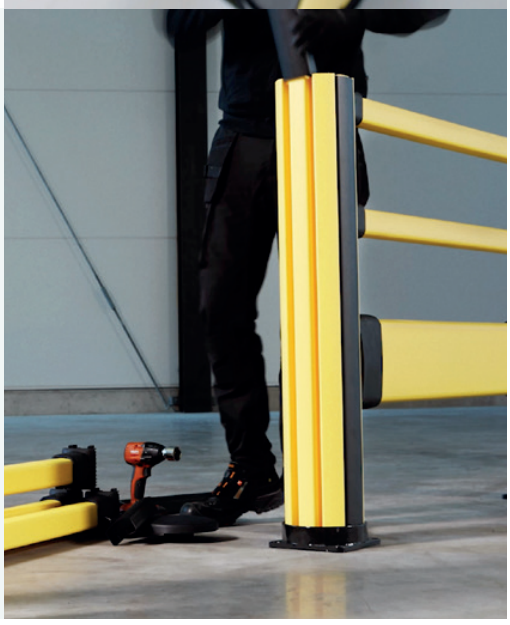


X-Protect is Modular

- Quickly modify barrier specifications with minimal waste.
- Perform easy and cost-effective repairs at a component level.
- Quickly build strong integrated installations with few parts.

X-Protect is Sustainable

- Simple end of life dis-assembly, even after an accident.
- Single material components that are easy to recycle.
- Repairable by design, damaged or worn components are easily replaced extending the barrier's life.



X-PROTECT

Technical Information

X-Protect components

These are the building blocks of our modular Impact Protection range.

BARRIERS & RAILS

Hand Rails

Width x Height:
68 × 72 mm | 2 11/16" × 2 27/32"
Length:
270 - 1770 mm | 10 5/8" - 69 11/16"

Impact Barriers

Width x Height:
116 × 220 mm | 4 9/16" x 8 21/32"
Length:
270 - 2770 mm | 10 5/8" - 109 1/16"

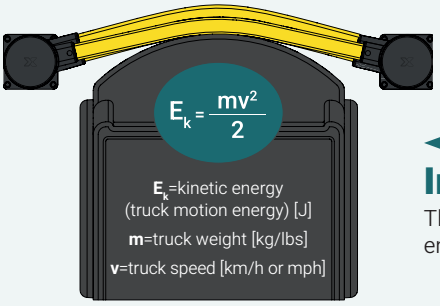
POSTS & BOLLARDS

Height:
350 - 1160 mm
13 13/16" – 45 11/16"
Width:
200 mm
7 7/8" in

Component Colours

RAL 1018

RAL 9011

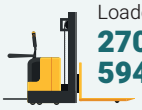


Impact testing

This is how we calculate the energy from a vehicle impact.

Loaded weight
3600 kg / 7930 lbs

Speed	Load
6 km/h | 3.7 mph	5020 J
8 km/h | 5 mph	8880 J
12 km/h | 7.5 mph	19960 J



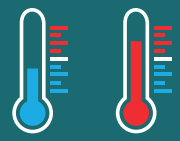
Loaded weight
2700 kg / 5940 lbs

Speed	Load
6 km/h | 3.7 mph	3770 J
8 km/h | 5 mph	6660 J
12 km/h | 7.5 mph	14970 J

Loaded weight
2100 kg / 4620 lbs

Speed	Load
6 km/h | 3.7 mph	2930 J
8 km/h | 5 mph	5180 J
12 km/h | 7.5 mph	11670 J

Operating temperature



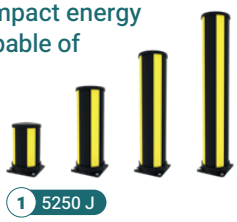
-10°C → 40°C

Assembly

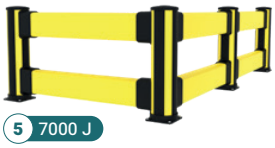
SCAN THE CODE TO DOWNLOAD OUR ASSEMBLY MANUALS

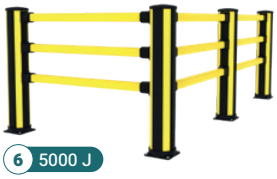
X-Protect Standard Configurations

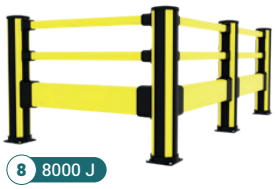
+ the highest impact energy (J) they are capable of withstanding*

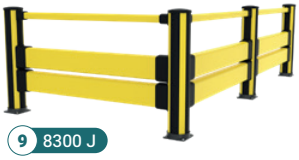


* The highest force depends on the C-C. More information is available upon request.









The Floor Barrier can be used in combination with configurations: **3, 6, 8 & 9**

1. Bollards
2. Impact
3. Impact High
4. Double Impact Low
5. Double Impact High
6. Pedestrian
7. Pedestrian + Impact
8. Pedestrian + Impact High
9. Pedestrian +Double Impact
10. Pedestrian Gate
11. Column Guard
12. Floor Barrier