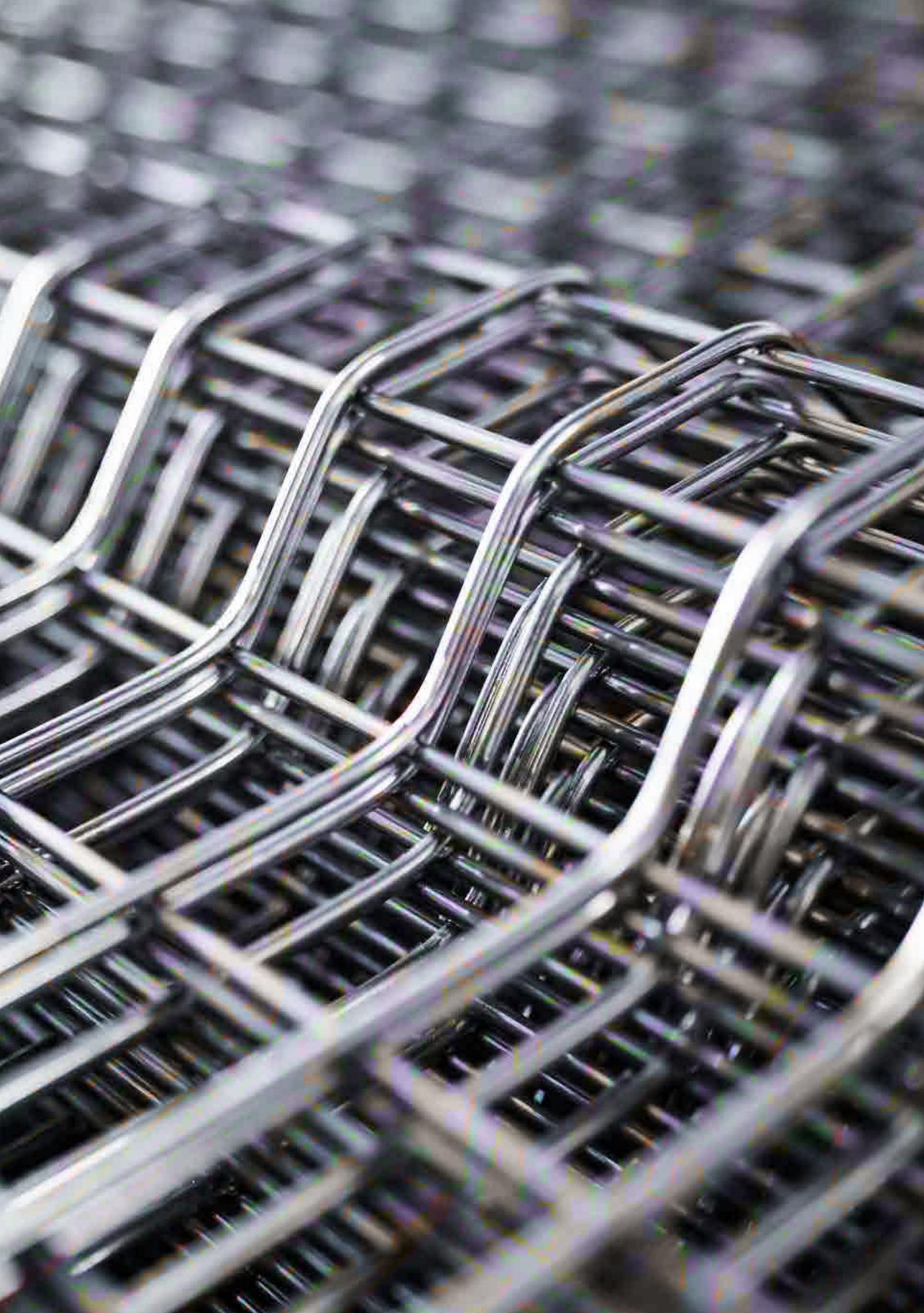




GUARDING YOUR MACHINE

EASY BARRIER CATALOGUE





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COMPANY

A PASSION
FOR DETAIL

Our company is a synthesis of **artisan** and **industrial** production. This winning combination allows us to offer our customers products that are of the absolute highest quality.



GUARDING YOUR MACHINE



1952

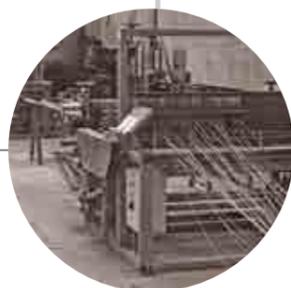
Our story begins

Eugenio Della Casa and his son Romolo switch from mechanics to the production of wire mesh.

1963

Our ideas transform our work

The first semi-automatic weaving machine is created to process crimped wire.



1965

Demand grows alongside our desire to innovate

Della Casa Reti moves to a new site in via dell'Artigianato, Modena, creating a production line with a conveyor belt for the crimped wire.



1978

Our production is ahead of its time

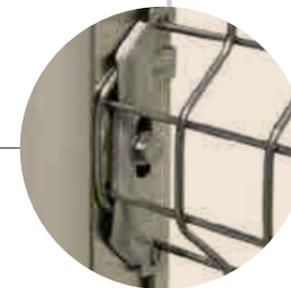
Automatic wire weaving and cutting machines become fully automated.



1996

We look for a new challenge

Production diversifies, introducing industrial anti-intruder barriers using electro-welded mesh.



2003

We never stop innovating

Safety 157 is patented.



2012

sKatto is patented

This captive fixing system is compliant with the Machinery Directive (2006/42/CE).



2016

Success has taken us far, but not away from our home

With increasing demand, Della Casa Reti moves to a new site in via dell'Industria, remaining in Modena.



2022

Our future is just the beginning

Our move to the new site with a 9,000 m² warehouse equipped with robotic cells enables Della Casa Reti to achieve high-performance "Industry 4.0" production.





1952 | Original Della Casa Reti site

HISTORY

Della Casa Reti S.r.l. was founded in 1952 for the production of **wire mesh**. The company has become specialised in **modular mesh protection solutions**, helping business to ensure **compliance with regulations** aimed at guaranteeing **safety in the workplace**.



1976 | Maurizio Della Casa in the original factory

We work closely with our Customers to meet their requirements, often anticipating their needs. Our technical office directly manages customer relationships, defining layouts for protective barriers and preparing custom solutions. We partner with leading machinery and systems manufacturers in a range of sectors, from packaging to food & beverages, and from wood-processing machinery to automation systems generally. All of our mesh perimeter protection solutions and other products comply with European standards. Safety is a core value for the company.

INNOVATION

Our move to the new site in 2022 and a warehouse equipped with **robotic cells** has enabled Della Casa Reti to achieve **high-performance** production.

Our commitment to safety is constant and guaranteed by EN ISO 14120:2015 product certification and UNI EN ISO 9001:2015 quality certification.

In 2022, with entry of the third generation of the family to the company, we inaugurated our new site, with its 9000 m² enabling us to launch automated production of standard components, whilst also focusing on custom products designed to meet specific customer requirements.

In this context, we have strengthened the capability of our Technical Office with adoption of 3D design software and internalised stainless steel metalwork, alongside existing processes.

Industry
4.0



2022 | Building the new site

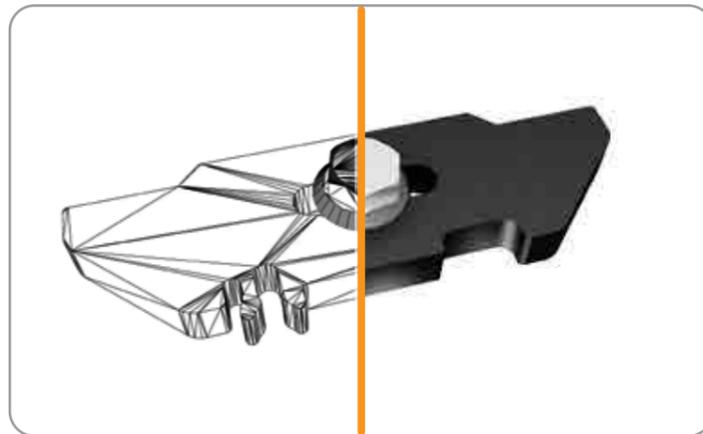
m²
9000

PATENTS

SKATTO PLATE

The sKatto plate, patented in 2012, is a captive fixing system compliant with the Machinery Directive (2006/42/EC). This solution meets regulatory coupling requirements and enables extremely quick, easy and safe assembly of panels.

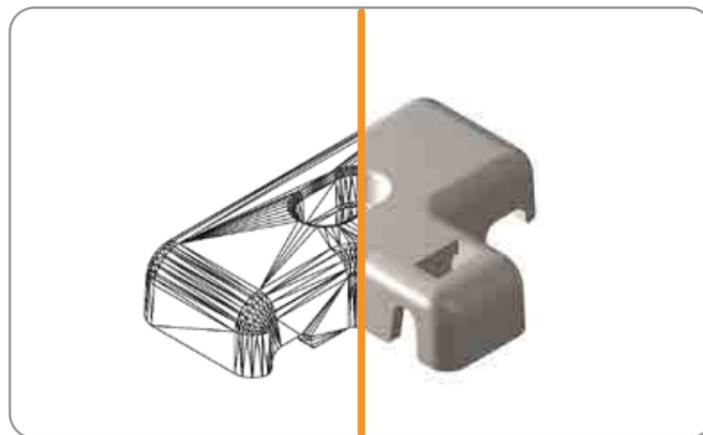
Application of sKatto Plate 111 with screw



KLIPS PLATE

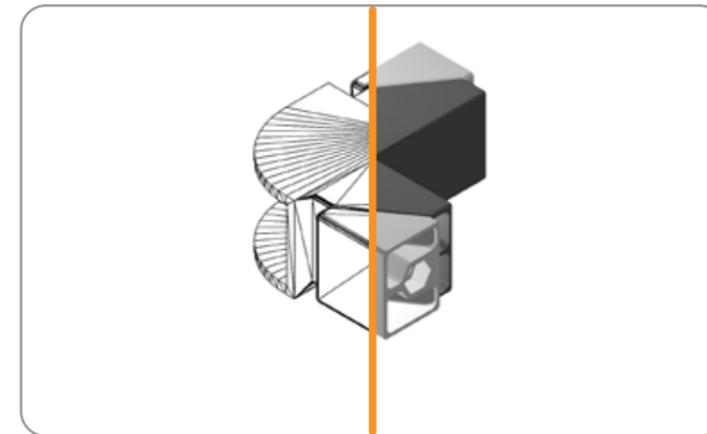
The KLIPS plate (code 119) enables 40x40 mesh panels to be locked frontally to a supporting structure. The product clips onto a wire of the panel, creating a captive fixing, as required by applicable regulations.

Application of Klips Plate



MEKKANO GATE

This corner piece boasts an elegant and robust design and makes it possible to quickly connect and lock the posts and beam of the Mekkano gate in position.

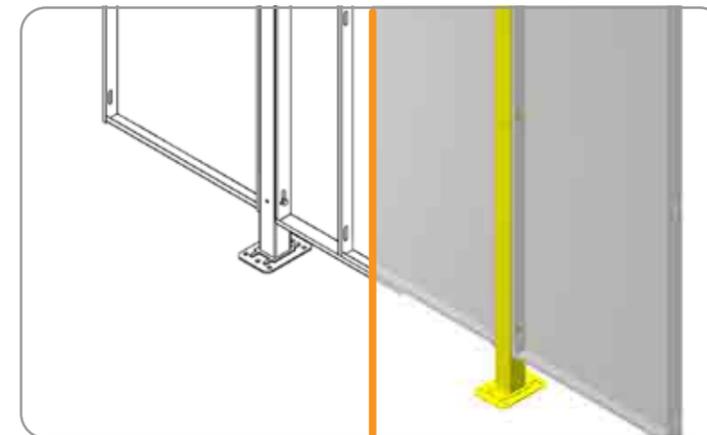


Application of Mekkano gate corner piece



KALIBRO PANEL

The Kalibro L adjustable panel enables millimetre-precise adjustment of the length of a sheet-metal barrier using two sliding elements.



Application of Kalibro L adjustable panel





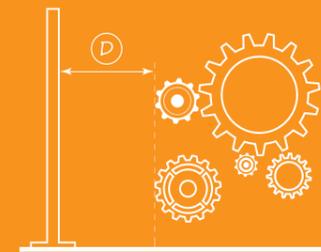
PRODUCTS

SAFETY FIRST.

EASY BARRIER modular fencing panels are a market leader in perimeter protection solutions. Precision and research for optimal products: we offer customers the best of the best.

EASY BARRIER

D = Distance from hazard zones (mm)

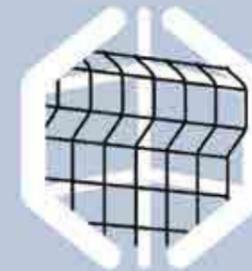


All EASY BARRIER anti-intruder products are compliant with European Regulations and standards:

- Machinery Directive 2006/42/CE
- UNI EN 12100
- UNI EN 13857
- UNI EN ISO 14120

D ≥ 200

KLASSIK
page 12



KLASSIK INOX
page 40



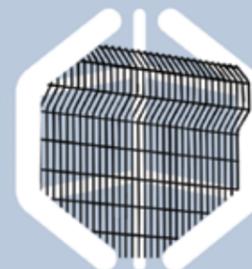
D ≥ 120

HD
page 16



D ≥ 20

KRT
page 17



KRT INOX
page 41



D ≥ 0

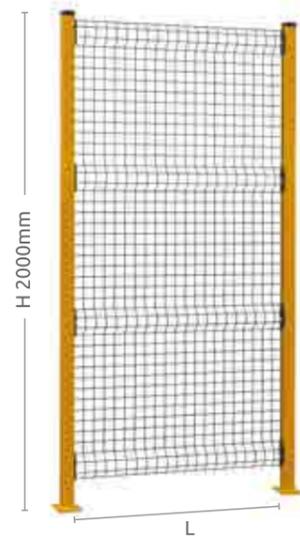
LAMIERA
page 22



Panels

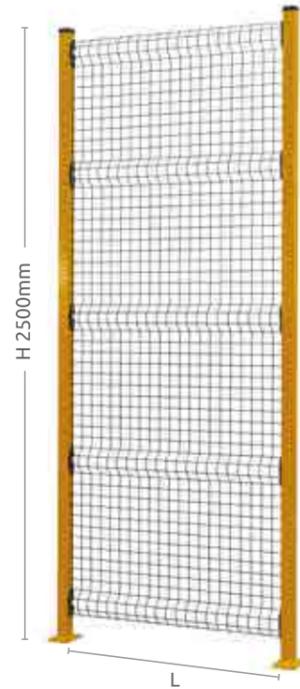
H 2000

KLASSIK	H (mm)	L (mm)
012	1890	2512
013	1890	1984
014	1890	1456
015	1890	1148
016	1890	928
017	1890	708
018	1890	444
019	1890	224



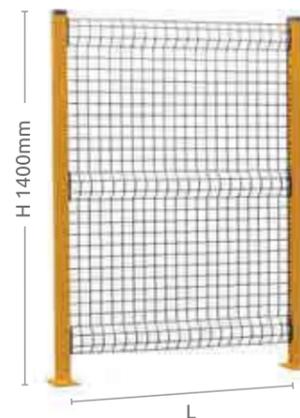
H 2500

KLASSiK	H (mm)	L (mm)
022	2385	1984
023	2385	1456
024	2385	1148
025	2385	928
026	2385	708
027	2385	444
028	2385	224



H 1400

KLASSIC	H (mm)	L (mm)
012-14	1300	2512
013-14	1300	1984
014-14	1300	1456
015-14	1300	1148
016-14	1300	928
017-14	1300	708
018-14	1300	444
019-14	1300	224



Features

• Distance from hazard zones > 200 mm

• Mesh dimensions:
Weave 40x40 - wire Ø 4 mm

• Non-standard widths on request (44 mm pitch)

• Standard colours*:
black RAL 9005
yellow RAL 1007

• Non-standard colours, also as a sample (additional cost)

• Fixing system: sKatto Plate 111 with screw

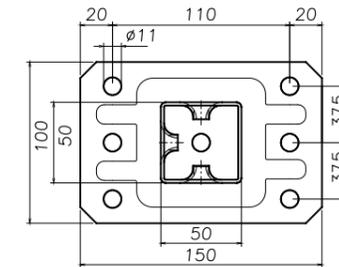


* also for posts

Posts

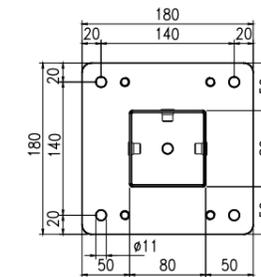
50X50

Mod.	H (mm)
020	2000
029	2500
020-14	1410



80X80

Mod.	H (mm)
079-20	2000
079-25	2500
079-30	3000



OPTIONALS

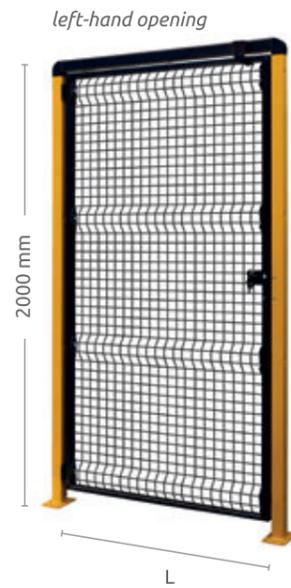
Code	Description
020S	Telescopic foot, 50x50
079S	Telescopic foot, 80x80
020R	Post reinforcer
020T	Post cap, 50x50
079T	Post cap, 80x80
108	Hinge for angles other than 90°
115	Post shim, 1 mm



MEKKANO single hinged gates

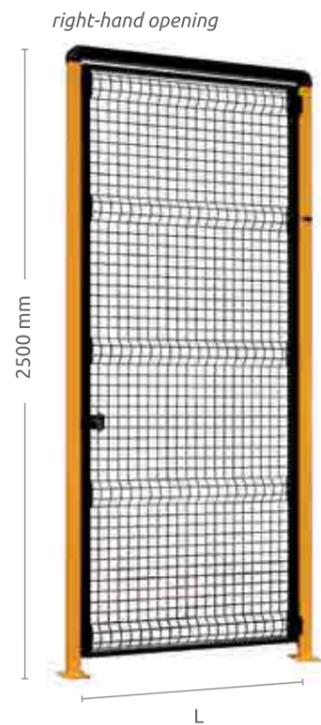
H 2000

KLASSIK	H (mm)	L(mm)*
MK20C	2000	1014
MK20C1	2000	794
MK20C2	2000	1234
MK20C3	2000	1542



H 2500

KLASSIK	H (mm)	L(mm)*
MK25C	2500	1014
MK25C1	2500	794
MK25C2	2500	1234
MK25C3	2500	1542



Features

- Assembled with screw connectors
- As solid and robust as a traditional welded gate
- Customizable with different types of locks
- Installation kit for compatibility with all leading electric locks
- Inward opening available on request
- Customer can easily reverse opening direction
- Customer can reduce gate width
- Versions with top beam or without
- Mekkano system with top beam that can be disassembled, and reversible hinges



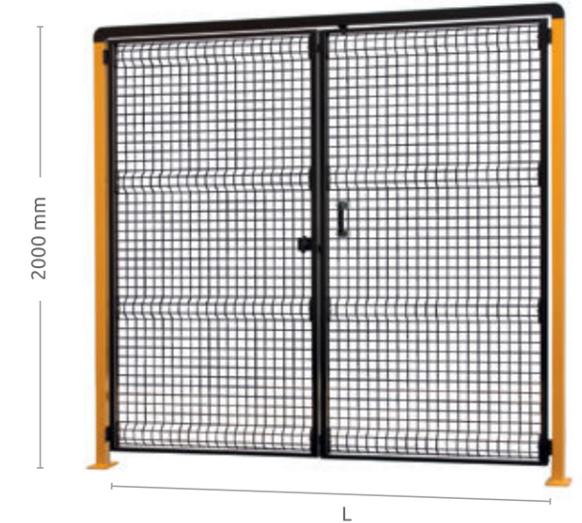
*Free passage

Also available in **H=1400** format, only in version without top beam

MEKKANO double hinged gates

H 2000

KLASSIK	H (mm)	L (mm)*
MK20DT	2000	2022
MK20DT1	2000	1582
MK20DT2	2000	2462
MK20DT3	2000	3078



H 2500

KLASSIK	H (mm)	L (mm)*
MK25DT	2500	2022
MK25DT1	2500	1582
MK25DT2	2500	2462
MK25DT3	2500	3078



*Free passage

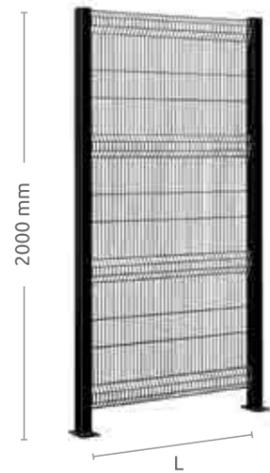
LOCKS AND KITS, PAGE 30/33

EASY BARRIER HD

Grid Panels

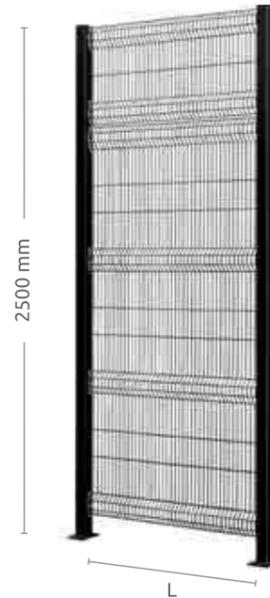
H 2000

HD	H (mm)	L (mm)
013H	1890	1984
014H	1890	1456
015H	1890	1148
016H	1890	928
017H	1890	708



H 2500

HD	H (mm)	L (mm)
013H	1890	1984
013D	480	1984
014H	1890	1456
014D	480	1456
015H	1890	1148
015D	480	1148
016H	1890	928
016D	480	928
017H	1890	708
017D	480	708



Features

- Distance from hazard zones > 120 mm
- Weave 18x172 - wire Ø 4 mm
- Non-standard widths on request (22 mm spacing)
- Standard colour for posts: black RAL 9005, yellow RAL 1007
- Standard panel colour: black RAL 9005
- Non-standard colours, also as a sample (additional cost)
- Fixing system: Skatto 111 Evo plates

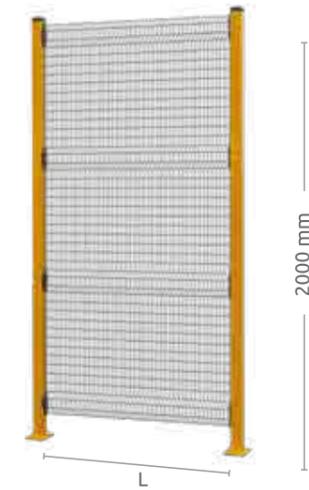


EASY BARRIER KRT

Grid Panels

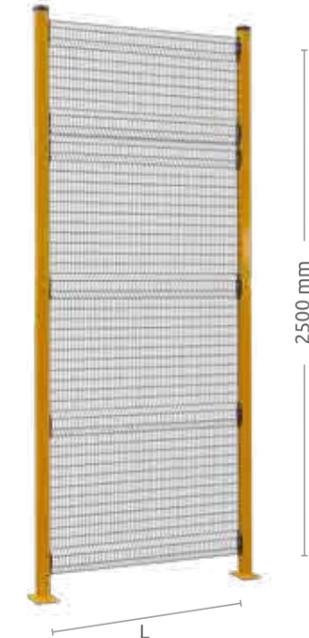
H 2000

KRT	H (mm)	L (mm)
13KRT	1890	1984
14KRT	1890	1456
16KRT	1890	928



H 2500

KRT	H (mm)	L (mm)
13KRT	1890	1984
13KRT2	480	1984
14KRT	1890	1456
14KRT2	480	1456
16KRT	1890	928
16KRT2	480	928



Features

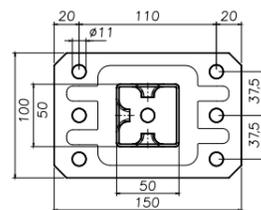
- Distance from hazard zones > 20 mm
- Weave 8x41 - wire Ø 3 mm
- Non-standard widths on request (11 mm pitch)
- Standard colour for posts: black RAL 9005, yellow RAL 1007
- Standard panel colour: black RAL 9005
- Non-standard colours, also as a sample (additional cost)
- Fixing system: Skatto 111 Evo plates



Posts

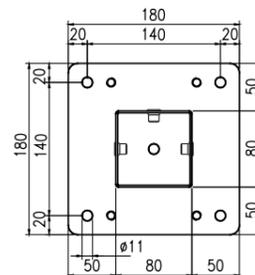
50X50

Mod.	H (mm)
020	2000
029KRT	2500



80X80

Mod.	H (mm)
079-20	2000
079-25	2500
079-30	3000



OPTIONALS

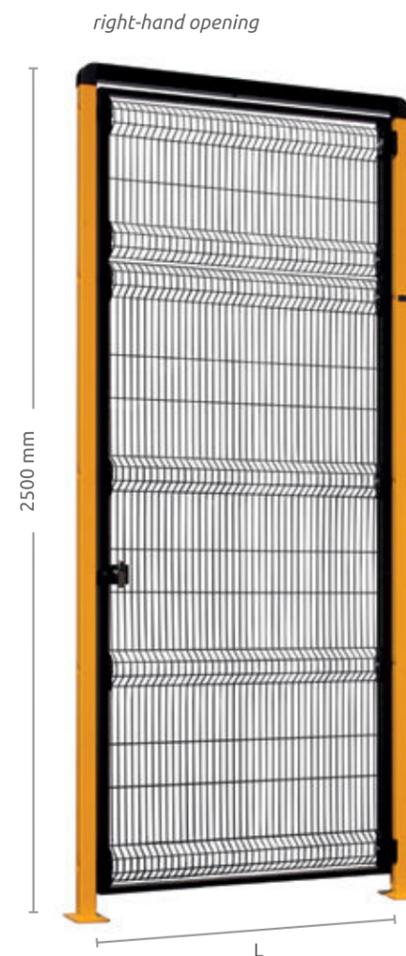
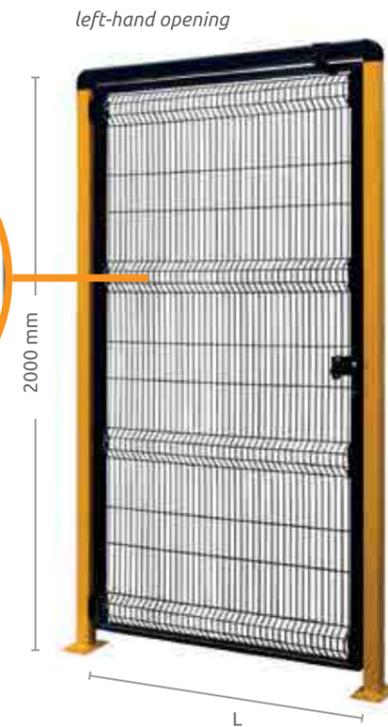
Code	Description
020S	Telescopic foot, 50x50
079S	Telescopic foot, 80x80
020R	Post reinforcer
020T	Post cap, 50x50
079T	Post cap, 80x80
108	Hinge for angles other than 90°
115	Post shim, 1 mm



MEKKANO single hinged gates

H 2000

HD	H (mm)	L (mm)*
HD20C	2000	1014
HD20C1	2000	794
HD20C2	2000	1234
HD20C3	2000	1542



Features

- Solid and robust, assembled with screw connectors
- Versions with top beam or without
- Customizable with different types of locks
- Installation kit for compatibility with all leading electric locks
- Inward opening available on request
- The Customer can easily reverse the opening direction and reduce the width of the gate

H 2500

HD	H (mm)	L (mm)*
HD25C	2500	1014
HD25C1	2500	794
HD25C2	2500	1234
HD25C3	2500	1542

LOCKS AND KITS, PAGE 30/33

*Free passage

MEKKANO double hinged gates

H 2000

HD	H (mm)	L (mm)*
HD20DT	2000	2022
HD20DT1	2000	1582
HD20DT2	2000	2462
HD20DT3	2000	3078



H 2500

HD	H (mm)	L (mm)*
HD25DT	2500	2022
HD25DT1	2500	1582
HD25DT2	2500	2462
HD25DT3	2500	3078

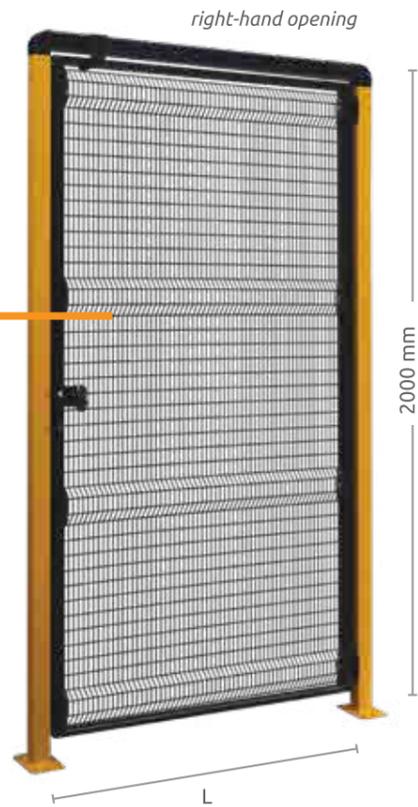
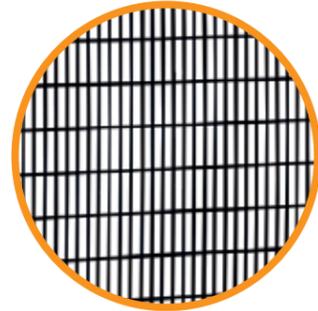
*Free passage

EASY BARRIER KRT

MEKKANO single hinged gates

H 2000

KRT	H (mm)	L(mm)*
RT20C	2000	1014
RT20C1	2000	794
RT20C2	2000	1234
RT20C3	2000	1542



Features

- Solid and robust, assembled with screw connectors
- Versions with top beam or without
- Customizable with different types of locks
- Installation kit for compatibility with all leading electric locks
- Inward opening available on request
- The Customer can easily reverse the opening direction and reduce the width of the gate

H 2500

KRT	H (mm)	L(mm)*
RT25C	2500	1014
RT25C1	2500	794
RT25C2	2500	1234
RT25C3	2500	1542

LOCKS AND KITS, PAGE 30/33

*Free passage

EASY BARRIER KRT

MEKKANO double hinged gates

H 2000

KRT	H (mm)	L(mm)*
RT20DT	2000	2022
RT20DT1	2000	1582
RT20DT2	2000	2462
RT20DT3	2000	3078



H 2500

KRT	H (mm)	L(mm)*
RT25DT	2500	2022
RT25DT1	2500	1582
RT25DT2	2500	2462
RT25DT3	2500	3078

*Free passage

Panels

H 2000

SHEET METAL	H (mm)	L (mm)
L20-1	1890	300
L20-2	1890	500
L20-3	1890	750
L20-4	1890	1000
L20-5	1890	1200

H 2500

SHEET METAL	H (mm)	L (mm)
L25-1	2395	300
L25-2	2395	500
L25-3	2395	750
L25-4	2395	1000



Features

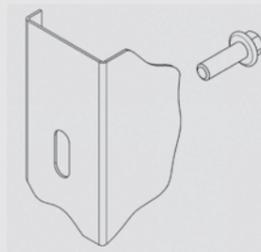
• Distance from hazard zones = 0 mm

• Available in powder-coated steel*

• Standard colours*: yellow RAL 1007 or 9005

• Non-standard colours, also as a sample (additional cost)*

• Screw fixing system



* also for posts

OPTIONALS

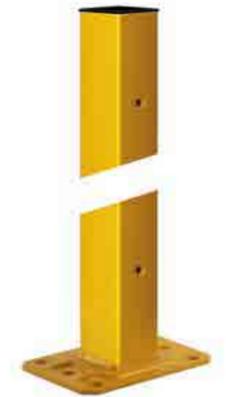
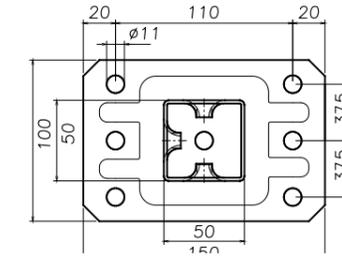
Mod.	H (mm)	L (mm)
Polycarbonate window	500	500
Anti-reflective PVC (certified)		optional



Posts

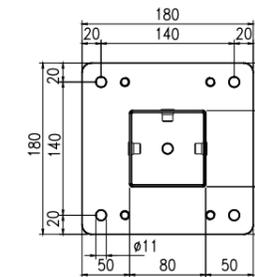
50X50

Mod.	H (mm)
020	2000
029	2500
020-14	1410



80X80

Mod.	H (mm)
079-20	2000
079-25	2500
079-30	3000



OPTIONALS

Code	Description
020S	Telescopic foot, 50x50
079S	Telescopic foot, 80x80
020R	Post reinforcer
020T	Post cap, 50x50
079T	Post cap, 80x80
115	Post shim, 1 mm



MEKKANO single hinged gates

H 2000

SHEET METAL	H (mm)	L(mm)*
MK20L	2000	836

H 2500

SHEET METAL	H (mm)	L(mm)*
MK25L	2500	836



Features

- Assembled with screw connectors
- As solid and robust as a traditional welded gate
- Versions with top beam or without
- Customizable with different types of locks
- Installation kit for compatibility with all leading electric locks
- Inward opening available on request
- Anti-reflective sealing option

OPTIONALS

Mod.	H (mm)	L (mm)
Polycarbonate window	500	500
Anti-reflective PVC (certified)		optional

*Free passage

LOCKS AND KITS, PAGE 30/33



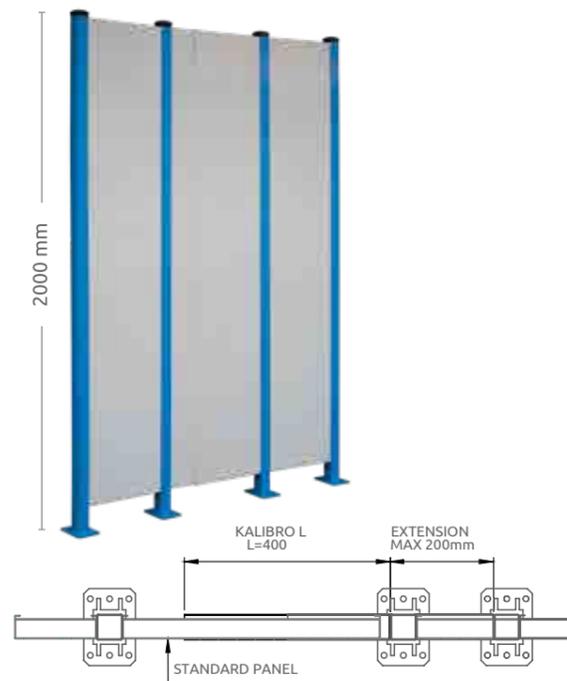
Kalibro L

H 2000

SHEET METAL	H (mm)	L (mm)*
L20-KL	2000	836

H 2500

SHEET METAL	H (mm)	L (mm)*
L25-KL	2500	836



Features of KALIBRO L

- Distance from hazard zones = 0 mm
- Adjustable panel for anti-intruder sheet-metal barrier
- Enables barrier length to be increased or decreased
- Coupling of telescopic and standard barrier
- Adjustment range = 200 mm
- Kalibro posts not included

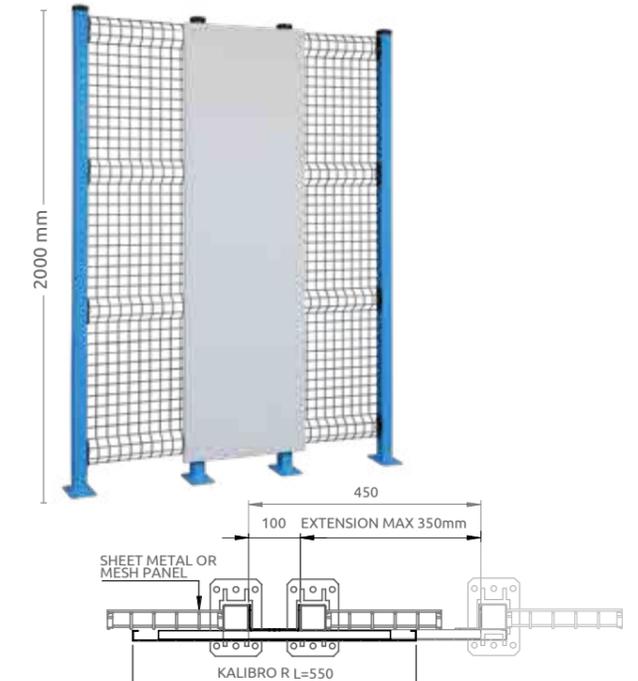
Kalibro R

H 2000

SHEET METAL	H (mm)	L (mm)*
L20-KR	2000	836

H 2500

SHEET METAL	H (mm)	L (mm)*
L20-KR	2500	836



Features of KALIBRO R

- Distance from hazard zones = 0 mm
- Adjustable panel for anti-intruder sheet-metal or mesh barrier
- Enables barrier length to be increased or decreased
- Enables the two posts on which it is mounted to be moved closer together or farther apart
- Adjustment range = 400 mm
- Kalibro posts not included

Sliding gates lower rail

KLASSIK

H 2000

KLASSIK	H (mm)	L (mm)*
003GI	2000	1016
004GI	2000	1544
005GI	2000	1940

H 2500

KLASSIK	H (mm)	L (mm)*
006GI	2500	1016
007GI	2500	1544

HD

H 2000

HD	H (mm)	L (mm)*
HD003GI	2000	1016
HD004GI	2000	1544

H 2500

HD	H (mm)	L (mm)*
HD006GI	2500	1016
HD007GI	2500	1544

KRT

H 2000

KRT	H (mm)	L (mm)*
RT003GI	2000	1016
RT004GI	2000	1544

H 2500

KRT	H (mm)	L (mm)*
RT006GI	2500	1016
RT007GI	2500	1544

left-hand opening



LOCKS AND KITS, PAGE 30/33

Features

- Passage area completely free at ground level and above gate
- Customizable with different types of locks
- Installation kit for compatibility with all leading electric locks
- Available with internal gate on request
- Option to combine right and left-hand gates to double access width.

*Free passage

Sliding gates upper rail

KLASSIK

H 2000

KLASSIK	H (mm)	L (mm)*	
MKGS017	2000	708	
MKGS016	2000	928	2 posts
MKGS015	2000	1148	
MKGS014	2000	1456	
MKGS013	2000	1984	3 posts
MKGS012	2000	2512	

H 2500

KLASSIK	H (mm)	L (mm)*	
MKGS026	2500	708	
MKGS025	2500	928	2 posts
MKGS024	2500	1148	
MKGS023	2500	1456	
MKGS022	2500	1984	3 posts

HD

H 2000

HD	H (mm)	L (mm)*	
HDGS017	2000	708	
HDGS016	2000	928	2 posts
HDGS015	2000	1148	
HDGS014	2000	1456	
HDGS013	2000	1984	3 posts

left-hand opening



KRT

H 2000

KRT	H (mm)	L (mm)*	
RTGS016	2000	928	2 posts
RTGS014	2000	1456	
RTGS013	2000	1984	3 posts

H 2500

KRT	H (mm)	L (mm)*	
RTGS025	2500	928	2 posts
RTGS023	2500	1456	
RTGS022	2500	1984	3 posts

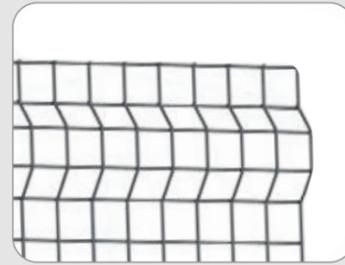
right-hand opening



EASY BARRIER WALL

Features

- Modular perimeter protection system aimed to bring warehousing facilities in line with current regulatory requirements.
- Mesh dimensions: weave 40×40 - wire Ø 4 mm
- Standard colours: black RAL 9005 and yellow RAL 1007
- Fixing system: fixing plates



Easy Wall shaped section

All our accessories are carefully designed to fix the mesh panels to a support (code 109, code 119) or to join adjacent panels (code 110).

fixing plate
art. 109



applications
art. 109

double
joining plate
art. 110



applications
art. 110

Klips plate
art. 119



applications
Klips plate
art. 119





Code MK-SERR
Standard lock kit



Code MK-BAT
Strike plate for Mekkano gate



Code PS-INC
Folded strike plate for sliding gate, pole 50x50



Code 117
Handle for sliding and hinged gates fixed with plates
Cod. 110K



Code PS-SERR
Standard key lock for sliding solutions

Code MK-SP
CE anti-panic lock



external view



internal view

Code MK-S2M
Two-handle lock with key bolt



external view



internal view

Code MK-SM+P
Lock with interior handle and exterior knob with key bolt



external view



internal view

Code MK-LOTO
System composed of padlocking plates to secure both hinged and sliding gates



plate closed

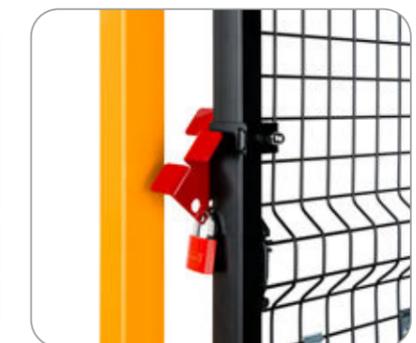


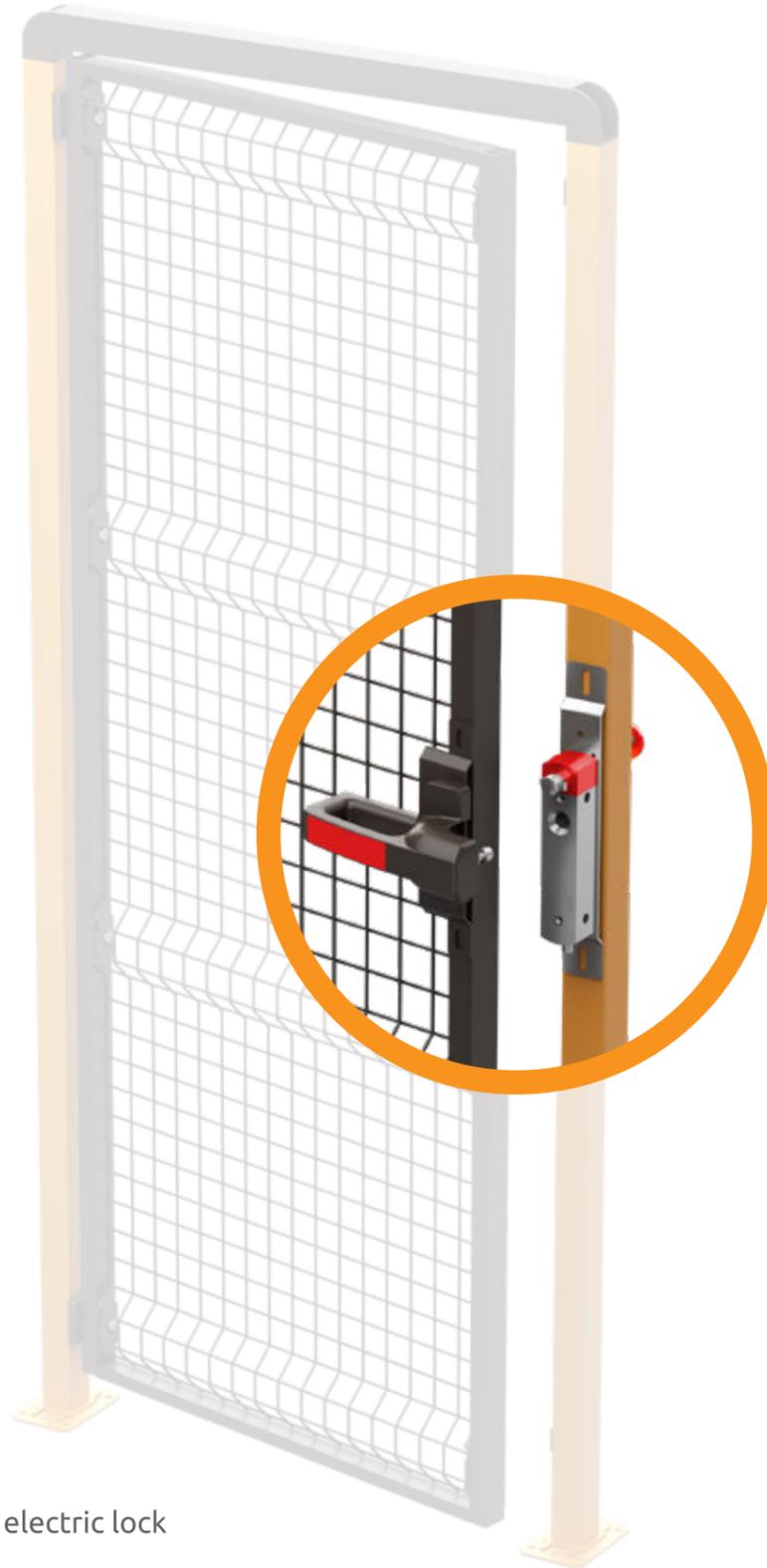
plate padlocked

Installation kits

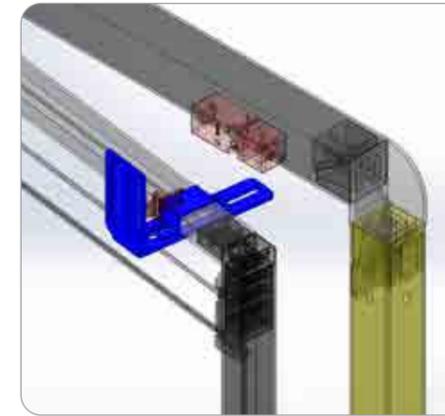
All our hinged and sliding gates are supplied pre-assembled and ready for installation.

We also provide installation kits with pre-drilled components, hardware and brackets for electric locks and safety switches.

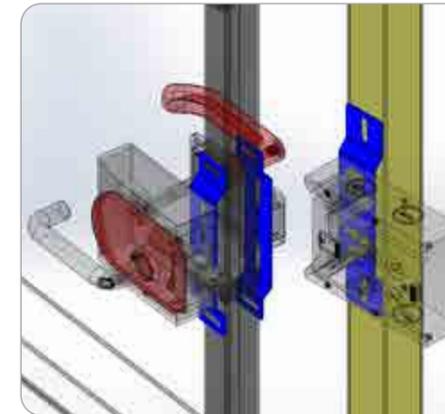
This enables us to offer comprehensive turnkey solutions based on the specific technical requirements of our customers.



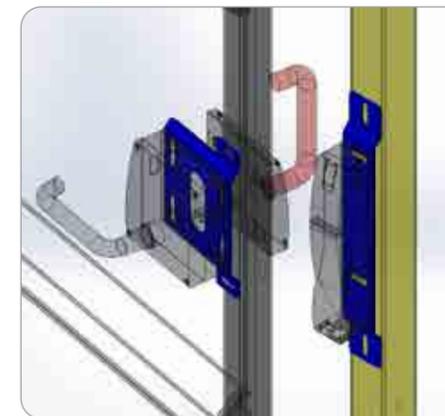
Example of bracket positioning for electric lock with rear push release.
Image: **PIZZATO PKUBE-KROME**



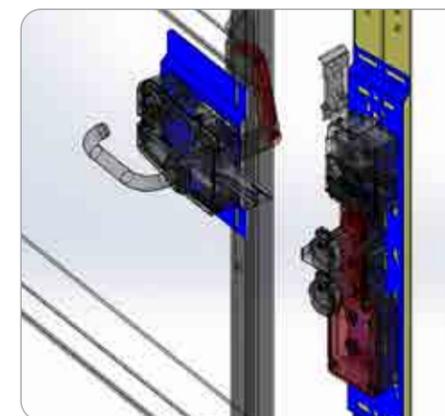
Example of bracket positioning for mechanical or magnetic safety switch.
Image: **OMRON D4NS**



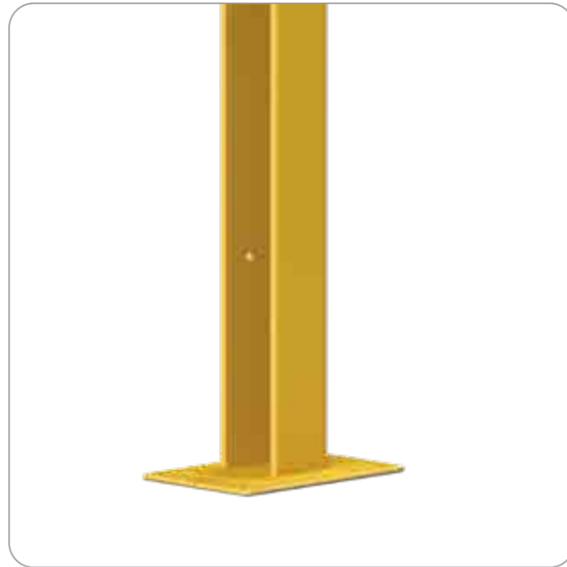
Example of bracket positioning for electric lock with rear release.
Image: **EUCHNER MGB**



Example of bracket positioning for electric lock with rear handle release.
Image: **SCHMERSAL AZM 200**



Example of bracket positioning for safety switch with handles and communication modules.
Image: **FORTRESS EI4**



020H / 029H
Post
with "C" profile



020P
Support for
cable duct



Polycarbonate applied with
brackets, code 109



Gate with partial opening
and fixed panel



Automatic sliding gate with
pneumatic cylinder



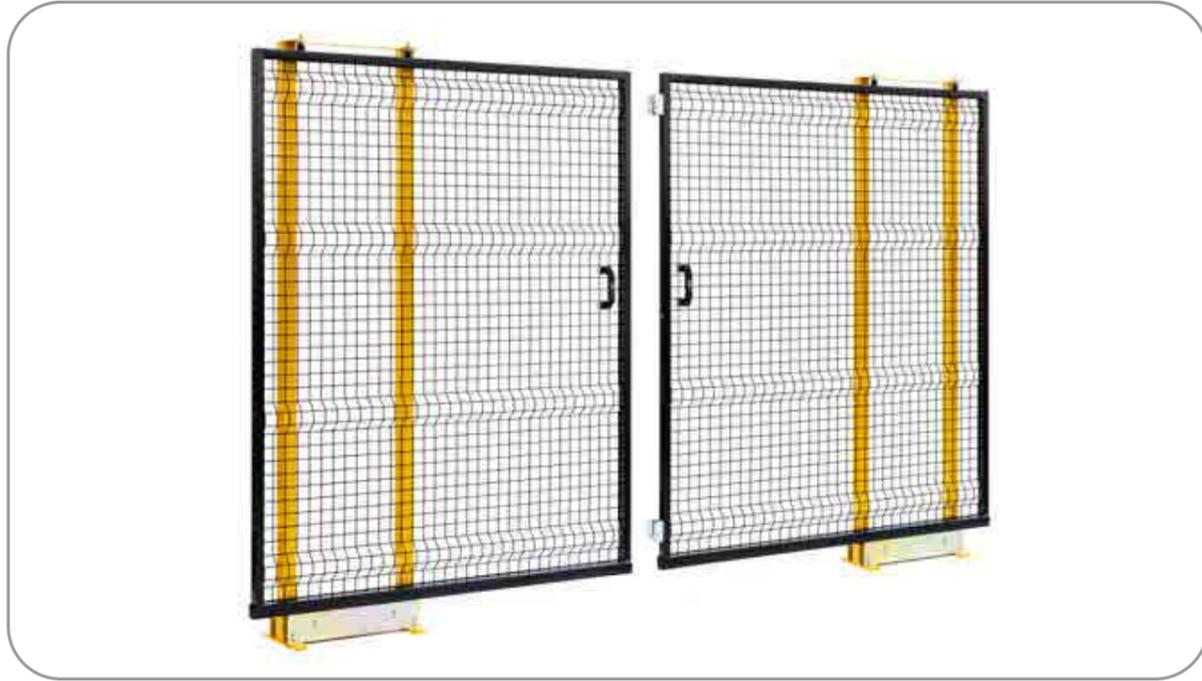
Folding gate with two
or more panels



Panel with cut-out



Automatic closing spring
for hinged gate



Double sliding gate



Special automatic gate with pneumatic cylinder



Standard



Export



Stainless steel

THE BEST CHOICE FOR SOLUTIONS ENABLING OPTIMAL HYGIENE

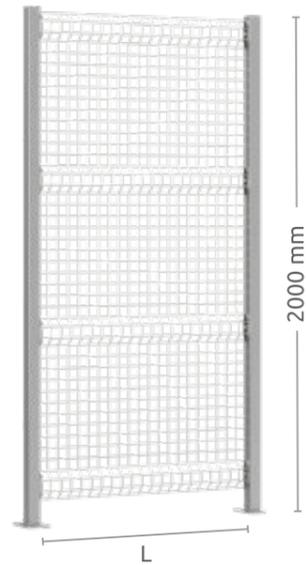
Our new range of AISI 304 stainless-steel perimeter fences is ideal for sites handling food and drink, chemicals and pharmaceuticals, where there is contact with products for human consumption or hazardous or corrosive substances.

EASY BARRIER INOX KLASSIK

Grids Panels

H 2000

KLASSIK	H (mm)	L (mm)
X012	1890	2512
X013	1890	1984
X014	1890	1456
X015	1890	1148
X016	1890	928
X017	1890	708
X018	1890	444
X019	1890	224



Features of KLASSIK

• Distance from hazard zones > 200 mm

• Mesh dimensions:
Weave 40x40 - wire Ø 4 mm

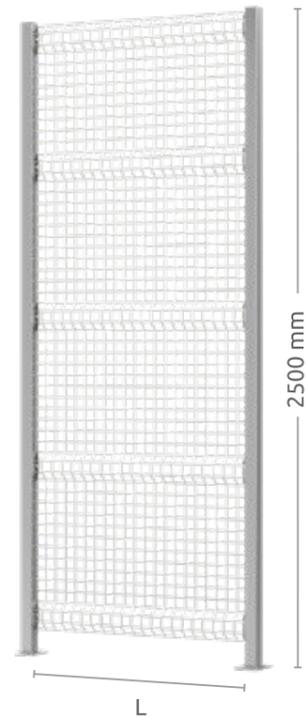
• Non-standard widths on request (44 mm pitch)

• Fixing system: Food-safe Skatto plate (111A) with stainless-steel screws



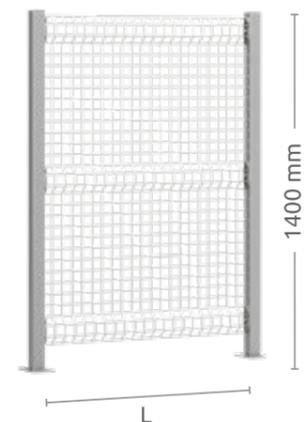
H 2500

KLASSiK	H (mm)	L (mm)
X022	2385	1984
X023	2385	1456
X024	2385	1148
X025	2385	928
X026	2385	708
X027	2385	444
X028	2385	224



H 1400

KLASSIC	H (mm)	L (mm)
X012-14	1300	2512
X013-14	1300	1984
X014-14	1300	1456
X015-14	1300	1148
X016-14	1300	928
X017-14	1300	708
X018-14	1300	444
X019-14	1300	224



EASY BARRIER INOX KRT

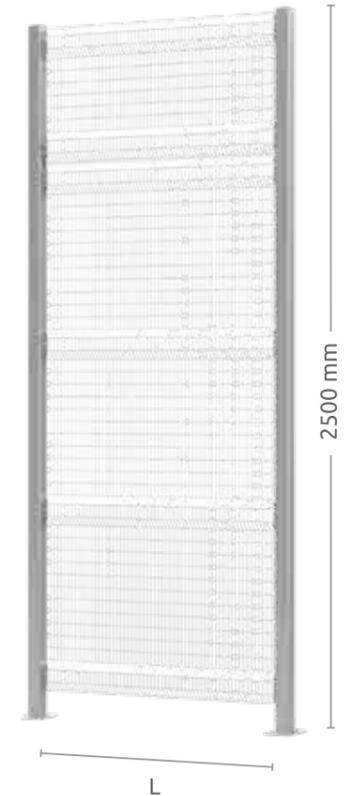
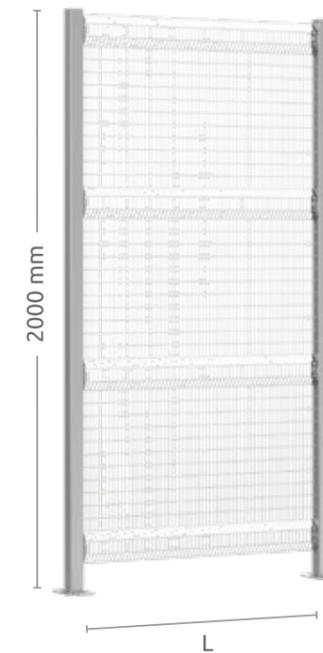
Grids Panels

H 2000

KLASSIK	H (mm)	L (mm)
X13KRT	1890	1984
X14KRT	1890	1456
X16KRT	1890	928

H 2500

KLASSiK	H (mm)	L (mm)
X13KRT	1890	1984
X13KRT2	480	1984
X14KRT	1890	1456
X14KRT2	480	1456
X16KRT	1890	928
X16KRT2	480	928



Features of INOX KRT

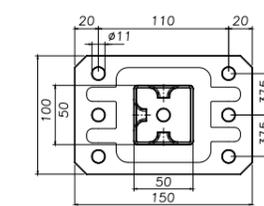
• Distance from hazard zones > 20 mm

• Weave 8x41 - wire Ø 3 mm
• Non-standard widths on request (11 mm pitch)

Posts

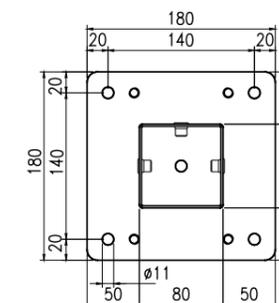
50X50

Mod.	H (mm)
X020	2000
X029	2500
X029KRT	2500
X020-1.4	1410



80X80

Mod.	H (mm)
X079-20	2000
X079-25	2500
X079-30	3000



Welded single hinged gates

H 2000

KLASSIK	H (mm)	L(mm)*
XMK20C	2000	1014
XMK20C1	2000	794
XMK20C2	2000	1234
XMK20C3	2000	1542

H 2000

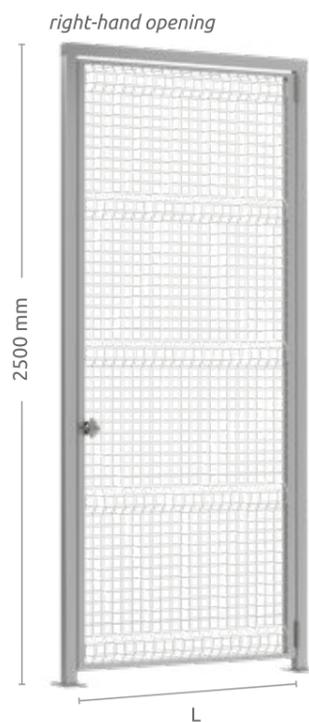
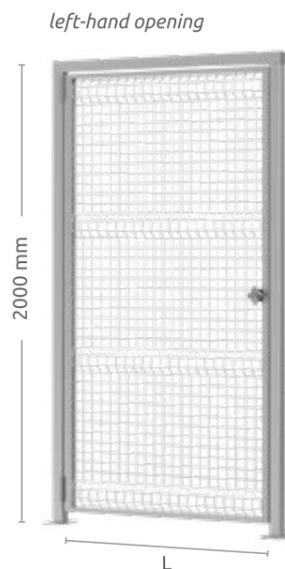
KRT	H (mm)	L(mm)*
XRT20C	2000	1014
XRT20C1	2000	794
XRT20C2	2000	1234
XRT20C3	2000	1542

H 2500

KLASSIK	H (mm)	L(mm)*
XMK20C	2500	1014
XMK20C1	2500	794
XMK20C2	2500	1234
XMK20C3	2500	1542

H 2500

KRT	H (mm)	L(mm)*
XRT25C	2500	1014
XRT25C1	2500	794
XRT25C2	2500	1234
XRT25C3	2500	1542



Features

- Welded and ready to install
- Customizable with different types of locks
- Installation kit for compatibility with all leading electric locks
- Inward opening available on request
- Versions with top beam or without
- Also available in Klassik and KRT sliding versions



H 2000

KLASSIK	H (mm)	L(mm)*
X003GI	2000	1016
X004GI	2000	1544
X005 GI	2000	1940

KRT	H (mm)	L(mm)*
XRT003GI	2000	1016
XRT004GI	2000	1544

H 2500

KLASSIK	H (mm)	L(mm)*
X006GI	2500	1016
X007GI	2500	1544

KRT	H (mm)	L(mm)*
XRT006GI	2500	1016
XRT007GI	2500	1544

*Free passage

Also available in **H=1400** format, only in version without beam.

Welded double hinged gates

H 2000

KLASSIK	H (mm)	L (mm)*
XMK20DT	2000	2022
XMK20DT1	2000	1582
XMK20DT2	2000	2462
XMK20DT3	2000	3078

H 2000

KRT	H (mm)	L (mm)*
XRT20DT	2000	2022
XRT20DT1	2000	1582
XRT20DT2	2000	2462
XRT20DT3	2000	3078

H 2500

KLASSIK	H (mm)	L (mm)*
XMK25DT	2500	2022
XMK25DT1	2500	1582
XMK25DT2	2500	2462
XMK25DT3	2500	3078

H 2500

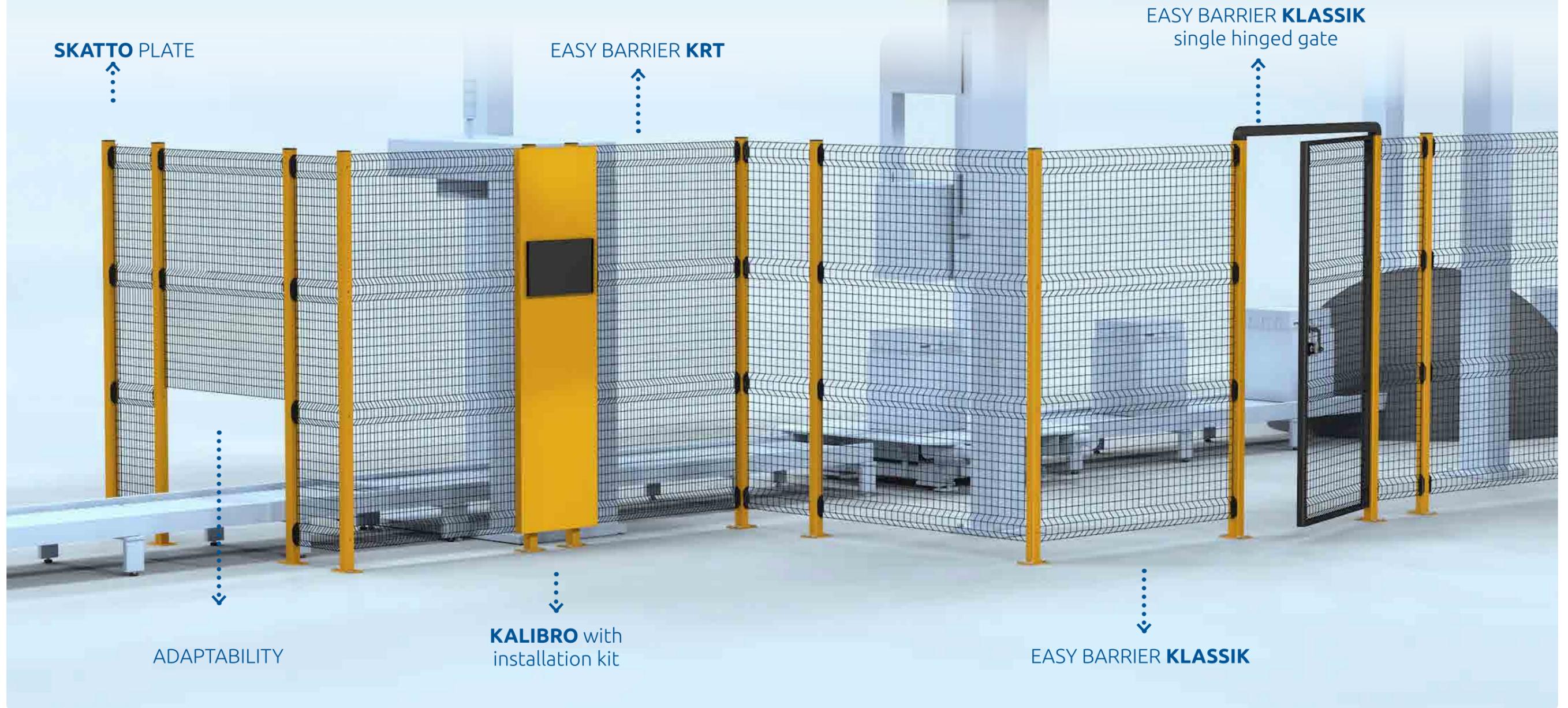
KRT	H (mm)	L (mm)*
XRT25DT	2500	2022
XRT25DT1	2500	1582
XRT25DT2	2500	2462
XRT25DT3	2500	3078



*Free passage

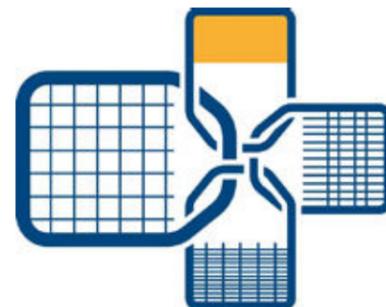
LOCKS AND KITS, PAGE 30/33

FEATURES



MODULARITY

All our **modular mesh panels** are designed and manufactured to ensure they are easily interchangeable. With Della Casa Reti, the right solution is **simple, effective and immediate.**



We believe that modularity is an essential feature, **enabling protection solutions to be aligned with application regulations.** Panels with a fine mesh are fitted only in areas where they are necessary, with easy installation and complete aesthetic uniformity. Modularity is particularly important during **assembly**, when potential variations to the original design may be required.



APPLICATIONS

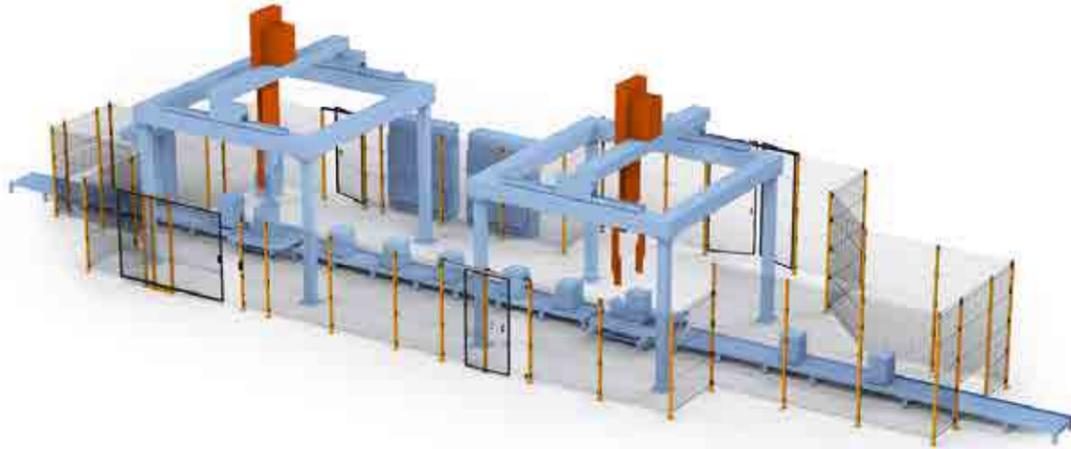
CUSTOMISED SOLUTIONS FOR MULTIPLE SECTORS

EASY BARRIER modular perimeter protection systems ensure safe working environments in a wide range of sectors. Industrial automation, machine tools, welding cells and warehouses: our perimeter fences are designed and built to meet the different requirements of each application.

Industrial automation

- Packaging
- Transporters and conveyors
- Palletizers
- Food & beverage
- Wood processing
- Granite processing
- Robotic cells

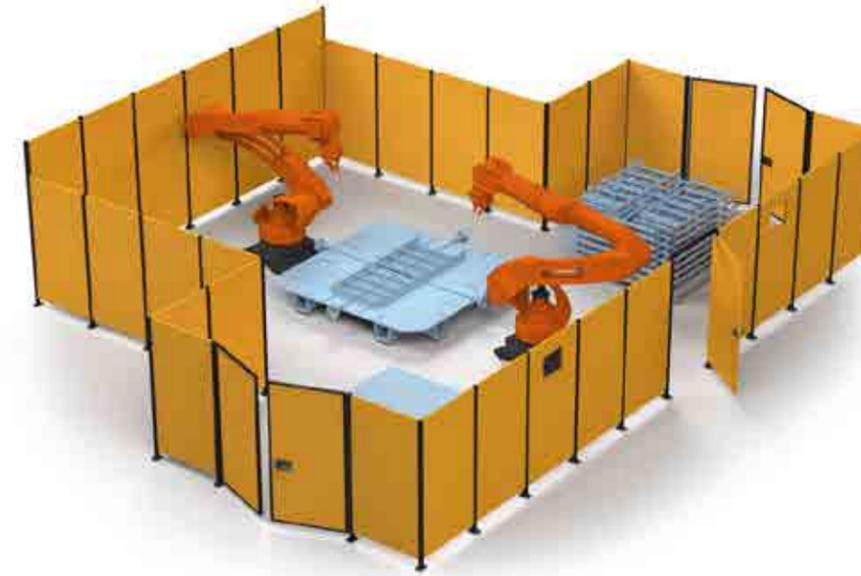
There is a perfect protection solution for every area of industrial automation with EASY BARRIER fences. The modular system is highly versatile, adapting to different operational contexts and guaranteeing high levels of safety, protecting personnel.



Welding cells

- Welding robots
- Automatic component handling areas

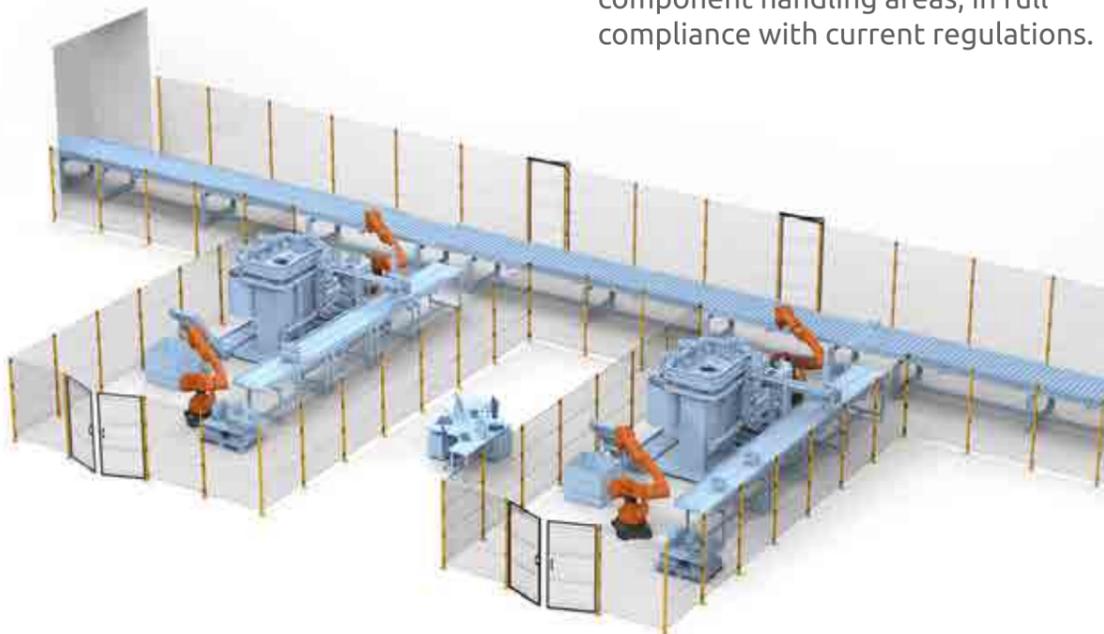
EASY BARRIER perimeter protection systems enable optimal safety of robotic welding cells, utilising sheet-metal panels, as well as protection of automatic component handling areas.



Machine tools

Automatic component handling areas.

The modular metal fences in the EASY BARRIER range offer high-quality, robust protection of machinery and component handling areas, in full compliance with current regulations.



Warehouses

- Wall shelving
- Automatic warehouses
- Product handling areas in automatic warehouses

Protect people, protect things. The versatility of EASY BARRIER modular panels optimises safety in every area, from shelving walls to automatic product sorting areas accessed by personnel, both at ground level and at height.



A photograph of two men in business attire shaking hands across a desk in an office. The man on the left is seen in profile, and the man on the right is also in profile, facing him. The background shows a window with a view of a city building. The image is framed by orange vertical bars on the left and right sides.

SAFETY

OUR DAILY COMMITMENT

We have always worked hard to achieve excellent quality in the production of our modular perimeter protection solutions. Our search for constant improvement has led to various certifications that demonstrate our constant commitment.

REGULATIONS



UNI EN-ISO 12100

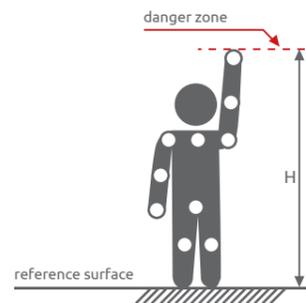
Safety of machinery
General principles for design
Risk assessment and risk reduction

UNI EN-ISO 13857

Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs. The standard establishes values for safe distances to avoid personnel from reaching hazard zones with upper and lower limbs.

UNI EN-ISO 14120

This standard specifies general requirements for the design and construction of guards with the primary objective of protecting people from mechanical hazards.
Machine safety, dangerous machine, prevention of accidents, safety device, protection from mechanical dangers, danger, design, material, category, safety, inspection, information.



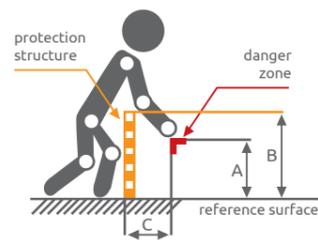
UPPER LIMBS REFERENCE TABLE

Reference table indicating safe distances required to prevent upper limbs from reaching hazard zones (extract from UNI EN-ISO 13857).

UPWARDS ACCESS

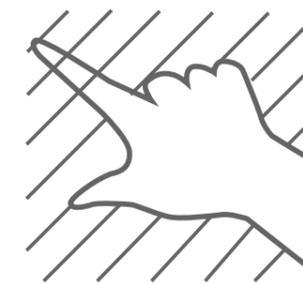
- For a low-risk hazard zone, the height H must be greater than or equal to 2500 mm.
- For a high-risk hazard zone the height H must be greater than or equal to 2700 mm, or other safety measures must be taken.

ACCESS FROM ABOVE PROTECTION STRUCTURES



- A) height of the dangerous area
- B) height of the protection structure
- C) horizontal distance from the dangerous area

Height of dangerous area A [mm]	Height of the protection structure B [mm] for a high risk dangerous area									
	1000	1200	1400	1600	1800	2000	2200	2400	2500	2700
	Horizontal distance from the dangerous area C [mm]									
2400	1100	1000	900	800	700	600	400	300	100	-
2200	1300	1200	1000	900	800	600	400	300	-	-
2000	1400	1300	1100	900	800	600	400	-	-	-
1800	1500	1400	1100	900	800	600	-	-	-	-
1600	1500	1400	1100	900	800	500	-	-	-	-
1400	1500	1400	1100	900	800	-	-	-	-	-
1200	1500	1400	1100	900	700	-	-	-	-	-
1000	1500	1400	1000	800	-	-	-	-	-	-
800	1500	1300	900	600	-	-	-	-	-	-
600	1400	1300	800	-	-	-	-	-	-	-
400	1400	1200	400	-	-	-	-	-	-	-
200	1200	900	-	-	-	-	-	-	-	-
0	1100	500	-	-	-	-	-	-	-	-



HANDS TABLE

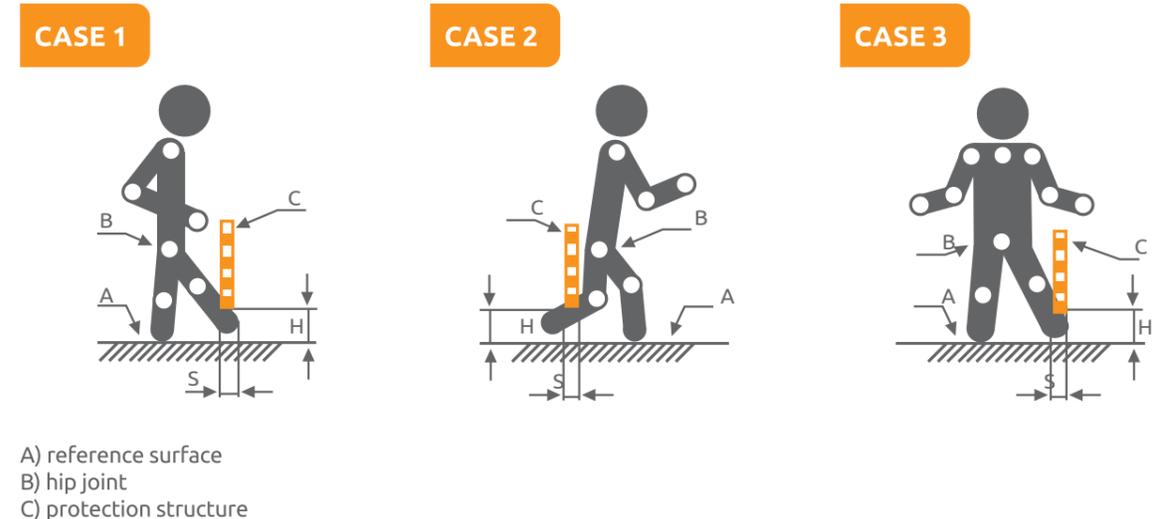
MINIMUM SAFE DISTANCE

≥200 mm for square openings with sides from 30 to 40 mm

LOWER LIMBS REFERENCE TABLE

Reference table indicating safe distances required to prevent lower limbs from reaching hazard zones (abstract from UNI EN 13857).

LIMITATIONS TO FREE MOVEMENT UNDER THE PROTECTION STRUCTURES



The diagrams above indicate the specific conditions for access with lower limbs below a barrier from a standing position. For each condition, the table indicates the minimum distance S from the hazard zone. Application of the values in the table may not be appropriate in the presence of slip hazards or improper use.

The values in the table must not be altered. If the height H from the ground to the protection structure is between the minimum and the maximum values for one of the indicated fields, use the distance S set for the maximum value.

Height up to the protection structure H	Distance S [mm]		
	Case 1	Case 2	Case 3
$H \leq 200$	≥ 340	≥ 665	≥ 290
$200 < H \leq 400$	≥ 550	≥ 765	≥ 615
$400 < H \leq 600$	≥ 850	≥ 950	≥ 800
$600 < H \leq 800$	≥ 950	≥ 950	≥ 900
$800 < H \leq 1000$	≥ 1125	≥ 1195	≥ 1015

CERTIFICATIONS

SAFETY AT THE CENTRE OF EVERYTHING

Achieving and maintaining excellent quality in the production of modular perimeter protections whilst guaranteeing the **highest safety standards**: this has always been our goal.



Constant commitment to this mission has enabled Della Casa Reti to gain **UNI EN ISO-9001:2015 certification** for its Quality System, issued by **TÜV SUD Italia**.

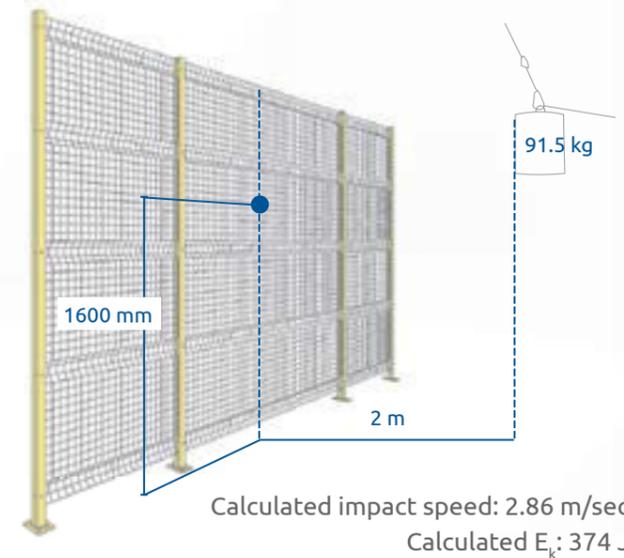
The entire range of EASY BARRIER perimeter protection solutions has also gained **EN ISO 14120:2015** product certification issued by **TÜV SUD Italia**, the leading certification body.

The **UKCA mark** represents the new mandatory product certification regulations applicable in the UK, replacing the CE mark following its exit from the European Union. Della Casa Reti Srl is proud to announce that from January 2023, it has also gained this further certification to meet the needs of its customers in the corresponding markets.

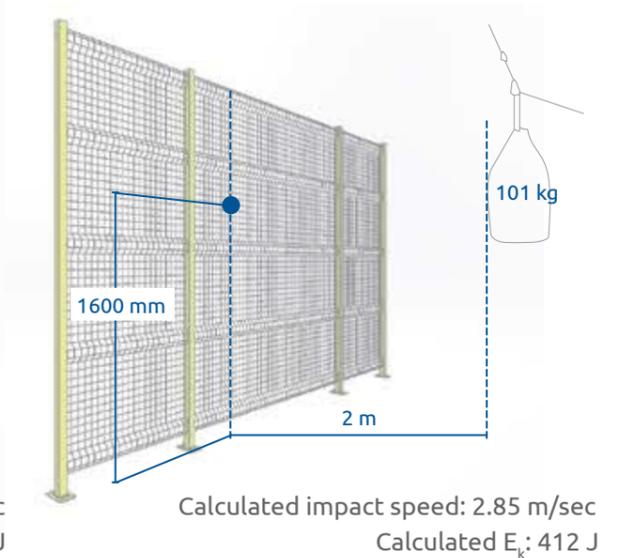


Pendulum test

Impact from inside with a **RIGID BODY**



Impact from outside with a **SOFT BODY**



The test results can be viewed at www.dellacasa.net

Resilience

IMPACT TEST WITH SOFT BODY UNTIL DESTRUCTION

Localised impact at the centre of the central panel
 L=1984 – perpendicular
 Theoretical impact speed = 8.6 m/sec
 -10% = 7.74 m/sec minimum impact speed
 Minimum impact energy = 2695 J

DRAG/PUSH TEST

Force applied to the centre of the central panel
 L=1984 – perpendicular

TEST RESULTS:

- Significant permanent deformation of central panel and partial detachment of posts
 - Some panel fixing plates broken, others deformed
 - Side panels intact
 - Posts with base plate deformed
 - Cracking around the joint of the plate/tubular sections
 - Anchors lifted
- TEST RESULTS:
- Significant permanent deformation of central panel and partial detachment of posts at 390 Kg
 - Some panel fixing plates broken, others deformed
 - Side panels intact
 - Posts with base plate deformed
 - Anchors lifted

AGENTS

ITALY

Emilia-Romagna
Lazio
Liguria
Lombardy
Piedmont
Puglia
Tuscany
Veneto

GERMANY

Hamburg
Baden-Württemberg
Bremen
Lower Saxony
Bavaria
North Rhine Westphalia
Schleswig-Holstein

SPAIN

HUNGARY

DELLA CASA RETI S.R.L.

Via dell'Industria, 33
41122 Modena • Italy
T. +39 059 283390
F. +39 059 280975
info@dellacasa.net
www.dellacasa.net

VAT no: 02819320363
REA code: MO-334078





GUARDING YOUR MACHINE

DELLA CASA RETI S.R.L.

Via dell'Industria, 33
41122 Modena • Italy
T. +39 059 283390
F. +39 059 280975
info@dellacasa.net
www.dellacasa.net

VAT no: 02819320363 – REA code: MO-334078

