

# ARION<sup>®</sup> Pro-Tect

A company in  
the Binar Group



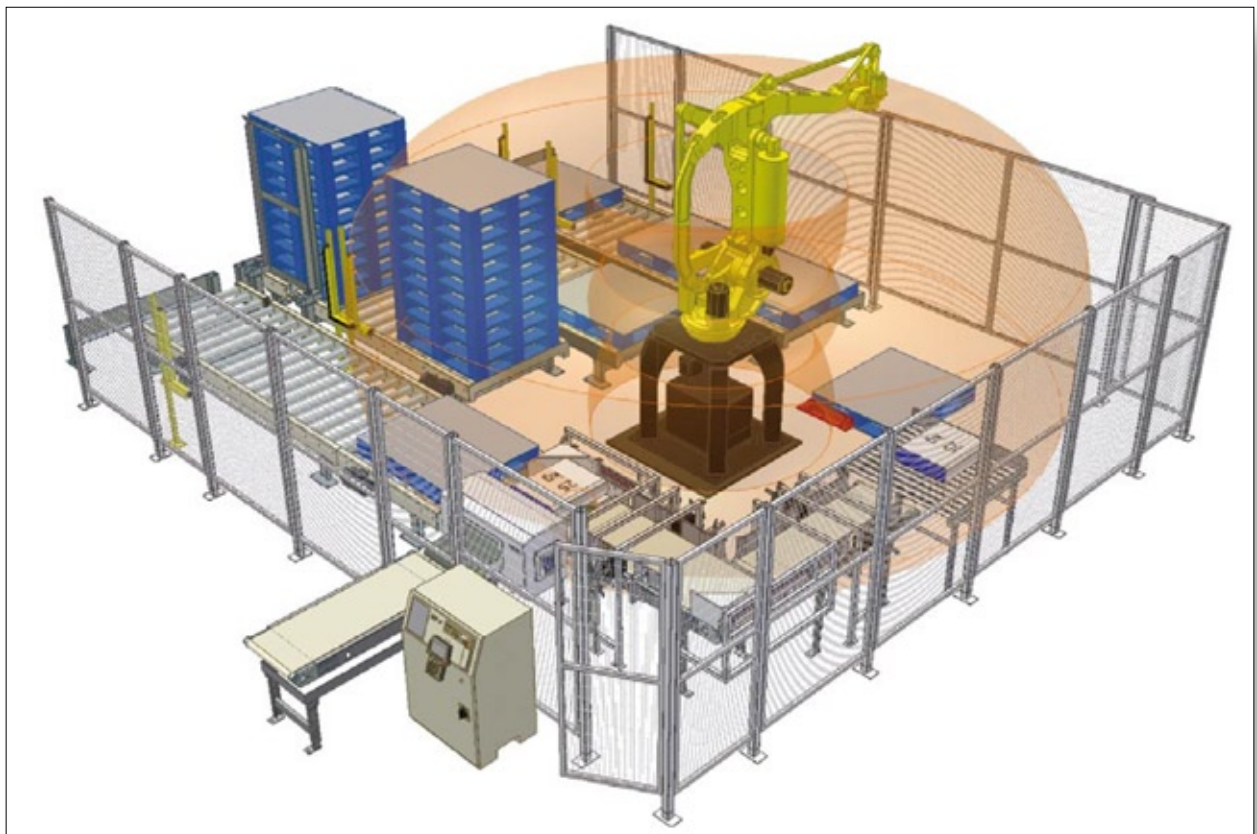
**PROTECTIVE TECHNOLOGY**  
**SAFETY SYSTEMS**



**Arion Pro-Tect®** offers everything from individual safety solutions to complete concepts for machine safety. We guarantee you high quality products that meet your specific needs and are based on the latest regulations.

At Arion Pro-Tect® we see machine safety as an active part of safe and rational industrial environments our Machine safety fencing is there, for both the operator's safety and the safety of the production flow. We, therefore, place great emphasis on the flexibility of our safety fencing so that you can feel secure with both optimal safety and optimal production.

The personal safety of your work force is the most important part of any production company, but our ambitions do not stop there. We have several solutions that also ensure rational handling, sound and light screening.



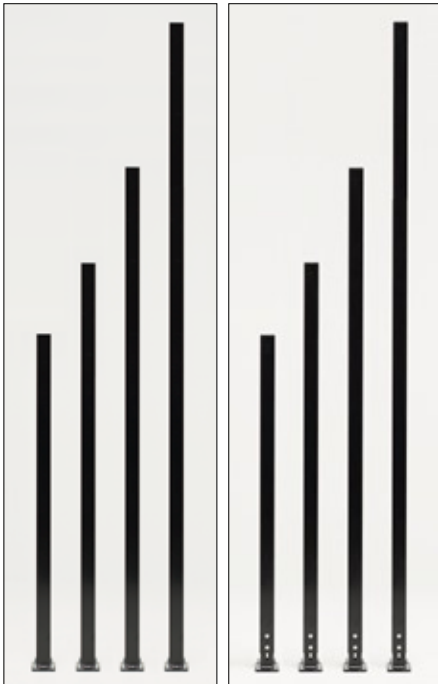
Our systems have been developed to give optimum safety in today's tough and demanding industrial environments. This means that they can be adapted to your conditions and requirements for screens whether that involves single screen requirements or for advanced processes. In addition to mesh panels [**ProSafe**], [**ProSafe Light**], [**SmartSafe**] and [**RapidSafe**] our range also includes sheet metal panels [**SolidSafe**], stainless steel uprights, mesh and sheet metal panels [**CorroSafe**], sound absorbent panels [**AcouSafe**] and panels with polycarbonate material [**OptiSafe**]. Together with our wide selection of easy-to-use and time saving accessories we can therefore offer a comprehensive and extremely flexible concept for machine safety.





# Some advantages...

Our systems for machine safety do not just protect the operator from dangerous machines, manufacturing lines, transport equipment and robot cells but also ensure and allow full access to processes and material flows. Our mesh panels and other safety products allows your production and the material flow to run smoothly, functionally and fault-free. Accessibility is high without compromising safety.



## THE POSTS

with dimensions  
60mm x 60mm  
x 2mm can be supplied  
in four different  
heights:  
1400mm  
1700mm  
2100mm  
2700mm

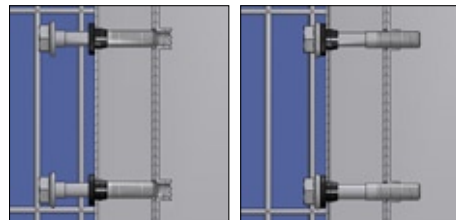
The range also includes  
an Post with a welded  
foot, with dimensions:  
40mm x 40mm  
x 1.5mm  
Height: 2100mm



The 60mm x 60mm  
uprights can be  
supplied with either a  
fixed welded foot or an  
adjustable foot where  
the height of the post  
can be increased or  
reduced by 50mm.



**Arion Pro-Test** -systems are easy to  
install, are high quality and very  
adaptable. Our systems are  
designed as a modular system, this  
means that the different systems  
can be easily matched and are made  
in standard panels with special sizes  
available on request.



**Captive screws** According to the  
applicable directives, the fasteners  
for panels must remain in place  
when the panels are removed from  
the system. This type of fastening  
must be used when you need to  
remove panels, for example for  
maintenance.

Our system consists of a plastic  
bush with a special screw that you  
can easily snap into place in the  
screw holes of the Pro-safe and  
Pro-Safe Light panels.

Suitable for most of our panels and  
can also be used for existing  
systems.

**Colour options.** Our machine  
screens are painted Black  
RAL9005 as standard, but  
we can powder coat to  
any RAL Colour to  
customers requirements.



**MESH PANELS** in most cases have a mesh size of  
100mm x 20mm, but for certain systems the mesh  
panels are available with a mesh size 30mm x 30mm or  
40mm x 40mm dimensions.



Good transparency



Anti-climb devices





**Arion ProSafe™** One of the strongest systems on the market, the mesh panels are made up of a frame consisting of a box section 30mm x 30mm on all 4 sides with one centre support.

System height: 1400, 1700, 2100 or 2700mm.

Panel height: 1200, 1500, 1900 or 2500mm.

Panel width: 200, 300, 500, 700, 800, 1000, 1200 and 1500mm.

Mesh Size: Standard 100mm x 20mm, wire gauge 3mm. 30mm x 30mm screens is also available on request.



*Strong*



*Colour options*

**Arion ProSafe™** has an extremely strong and solid design, is developed for tough and demanding industrial environments. The panel sizes within this system allows us to offer very high levels of stability and flexibility.



*Sliding doors*



*"Snap-lock" door*

A Cutting kit is available as a standard accessory and makes it easy to adjust both width and height on installation. There are also standard accessories available for this system that make it easy to assemble together with our other systems.

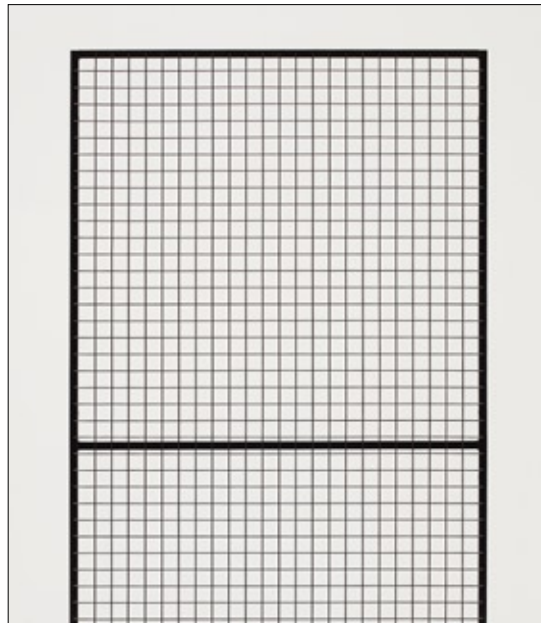






**Arion ProSafe Light™** The system is a more cost effective alternative solution and is suitable for less demanding environments. This system has mesh welded to a frame, the frame consists of box section 20mm x 20mm on all 4 sides with one centre support.

30mm x 30mm mesh



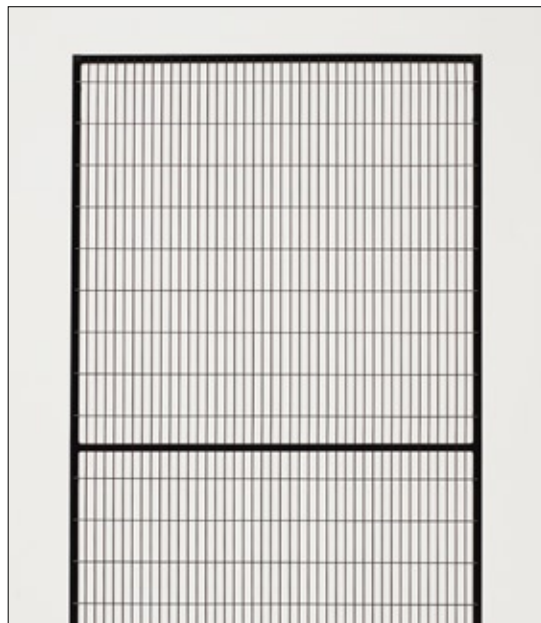
System height: 2100mm.

Panel height: 1900mm.

Panel width: 200, 700, 1000 and 1500mm.

Mesh size: Standard 100mm x 20mm and 40mm x 40mm, wire gauge, 3mm. 30mm x 30mm mesh is also available on request.

100mm x 20mm mesh



40mmx40mm mesh







**Arion SmartSafe™** A simple and strong system with mesh panels which are frameless but with folded edges on all 4 sides to increase its overall strength. Otherwise it has the same construction as RAPIDSAFE safety fencing systems.

System height: 2100mm.

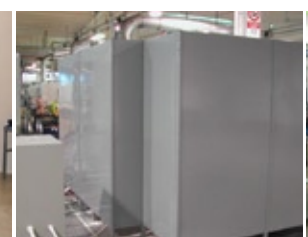
Panel height: 1900mm.

Panel width: 200, 300, 400, 500, 600, 700, 800, 1000, 1200 and 1500mm.

Mesh sizes: 100mm x 20mm, wire gauge, 3mm vertically and 5mm horizontally.



A Cutting Kit is available as a standard accessory and makes it easy to adjust both the width and the height on installation. There are also standard accessories available for this system, that make it easier to assemble together with other systems we supply.







**Arion CorroSafe™** This system is made to suit your requirements, and meets Food industry standards, it is based on the same strong and solid design as the PROSAFE system and is available in various grades of stainless steel. The panels have a box section frame 30mm x 30mm in stainless steel on all 4 sides with one centre support. The uprights are made of the standard 60mm x 60mm box section and can be supplied with either adjustable or welded foot. The crimped mesh is made from 3mm wire of acid-proof quality, with a 30mm x 30mm mesh size.

System height: (1700 or 2100mm.)

Panel height: (1500 or 1900mm.)

Panel width: (200, 300, 500, 700, 800 and 1000mm.)

Mesh Size: 30mm x 30mm, 3mm stainless steel wire.

The system is made to order; therefore the system/panel height and panel width can vary.



*All components are supplied in stainless steel material.*



*Crimped mesh with 30mm x 30mm screens*

**Arion CorroSafe™** has been specially developed for use in corrosive environments, such as maritime installations and indoor and outdoor environments with aggressive chemicals or air pollution.







**Arion SolidSafe™** Built on the same strong and solid design as PROSAFE. The panels have a box section frame 30mm x 30mm on all 4 sides with one centre support and are clad with 0.9mm steel plate. The panel provides a degree of sound proofing and can be installed very close to dangerous & Hazardous machinery without compromising safety and provides protection to processes which requires concealment.

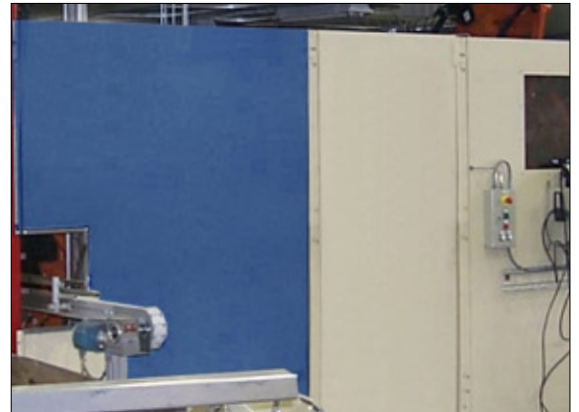
**Arion SolidSafe™** The panel gives complete protection to the eyes during welding work from both torches and arc, at the same time it gives excellent protection against welding spatter and effectively stops swarf and hot or dangerous liquids spreading.

System height: 2100mm.

Panel height: 1900mm. (Other heights available on request.)

Panel widths: 200, 300, 500, 700, 800, 1000 and 1200mm.

Panel thickness: 0.9mm



All RAL colour options available







**Arion OptiSafe™** Extremely strong and solid design. The panels have a box section frame 20mm x 20mm welded on all 4 sides and 1 centre support.

The system can also be supplied in different grades of stainless steel. The panels are clad in clear or smoked polycarbonate (PC) sheets as standard. The PC panel gives very good visibility and the guard can be installed close to the dangerous machine without compromising safety.

**Arion OptiSafe™** can also be supplied with PVC panels or PETG panels with similar characteristics to polycarbonate (PC) but at a lower price. The PVC panel gives complete protection to the eyes during welding work from both torches and arc, at the same time it gives some protection against welding spatter and effectively stops swarf and hot or dangerous liquids spreading.

System height: 2100mm.

Panel height: 1900mm.

Panel widths: 200, 300, 500, 700, 800, 1000, 1200 and 1500mm.

Other heights and widths available on request.



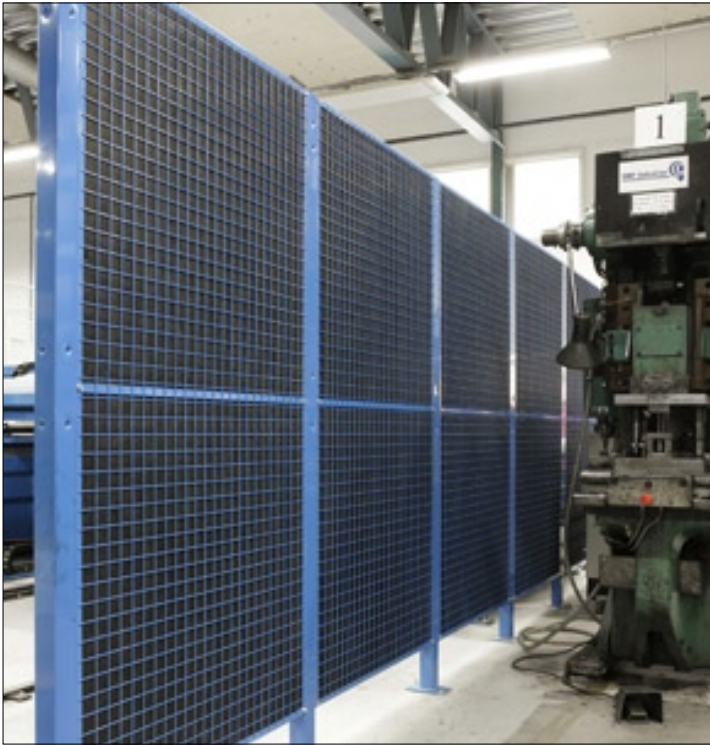
*Polycarbonate panels – clear or smoked*



*PETG Panels*







**Arion AcouSafe™** is our sound proofing machine guarding system, which is manufactured and adapted to the customer's specific noise problems and requirements. The solution is largely based on standard products that are adapted using sound absorbent stone wool from Paroc® Acoustic & Interior. We can therefore provide a complete machine guard that is also sound proofed.

The overall intention of sound proofing is to prevent personnel from being exposed to damaging noise levels during working hours, but also to create a good working environment where the objective is a maximum noise level of 70-75 dBA or lower.



*Installation with double mesh panels*

A reduction of the noise level by 10 dB is experienced as if the noise in the premises is reduced by half. The noise reduction is the equivalent of nine machines out of ten being switched off. If seven machines out of ten are switched off there is a noise reduction of 5 dB. Five machines out of ten correspond to a reduction of 3 dB.



*Installation with single mesh panel and fittings of painted metal*



*The sound proofing is easy to install*







**Arion RapidSafe™** is a system that is easy to install and still meets all requirements for safety. The mesh panel does not have a frame and is screwed into place onto the front of the special **RapidSafe™** upright. The panel has a mesh wire thickness that consists of 3mm vertical and 5mm horizontal which are doubled where the screw mountings meet the uprights. The system is exceptionally adaptable and can easily be installed by one person. Both width and height can be easily adjusted on installation. There are standard accessories available for the system that make it easy to assemble together with our other systems

System height: 2100mm.

Panel height: 1920mm.

Panel width: 500, 1000, 1200 and 1500mm.

Mesh screens: 100mm x 20mm, wire gauge - 3mm vertically and 5mm horizontally.

A special upright is available for combination with Arion Pro-Tect's other systems.



*Easy to hang the mesh on the specially designed upright*



*Easy to install with self tightening screws*



*Specially formed upright*



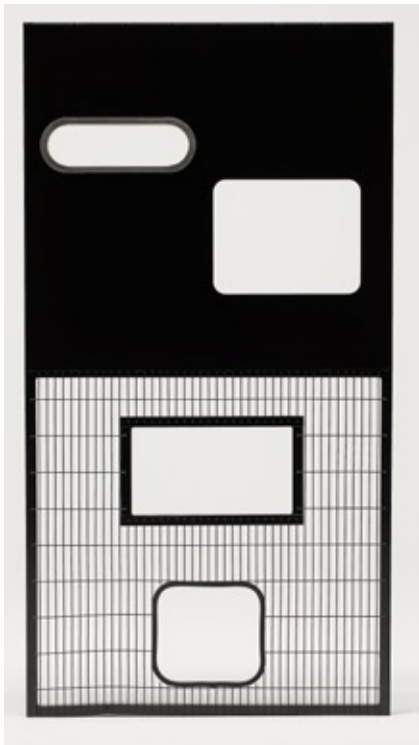
*Easy to adapt the width of the panels*





## Accessories

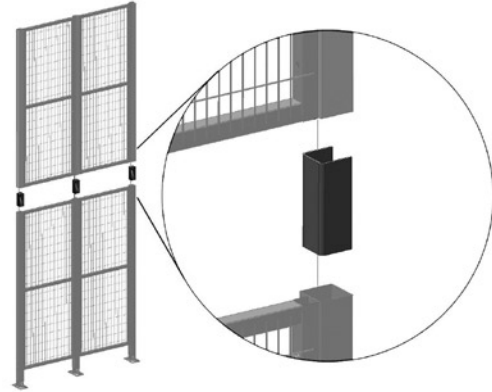
### Edge trim of reinforced rubber



To create an adapted opening in your panel we offer a reinforced rubber trim to clad the sides of the opening. The edge trim prevents anyone injuring themselves on the opening's sharp edges.

The trim kit is sold by linear meter and can be easily cut to size to suit the opening.

### Extension bracket for upright

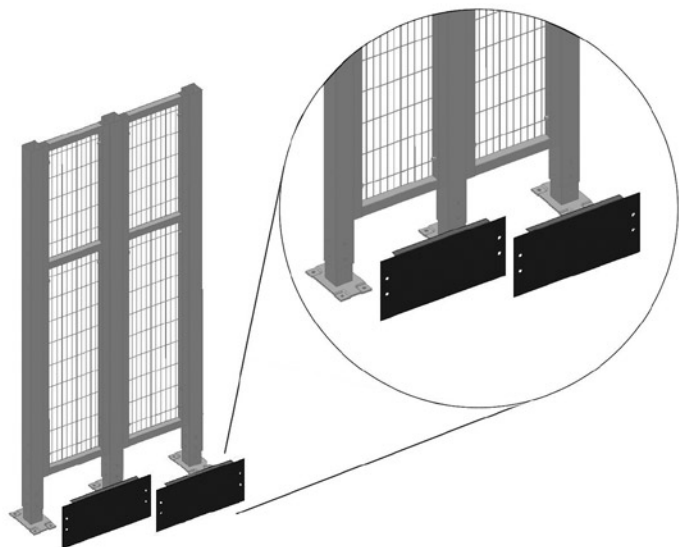


If an installation requires higher uprights for your **Arion Pro-Tect** installation, than the standard size permits, our extension kit offers the possibility of extending these. The extension kit makes it possible to install two uprights on top of each other, although it is not recommended that the standard height be increased by more than 1500mm. (If your installation requires greater height, we recommend that you contact us so that we can provide specially made uprights.) Our extension kit for uprights is supplied complete with the necessary fixings and accessories.

### Cover plates to floor

After Installing **Arion Pro-Tect** machine safety system and you then require the space between the floor and panel covered (for example to prevent material, substances or other objects escaping outside the cell or entering from the outside), our cover plates offer the possibility of enclosing the space.

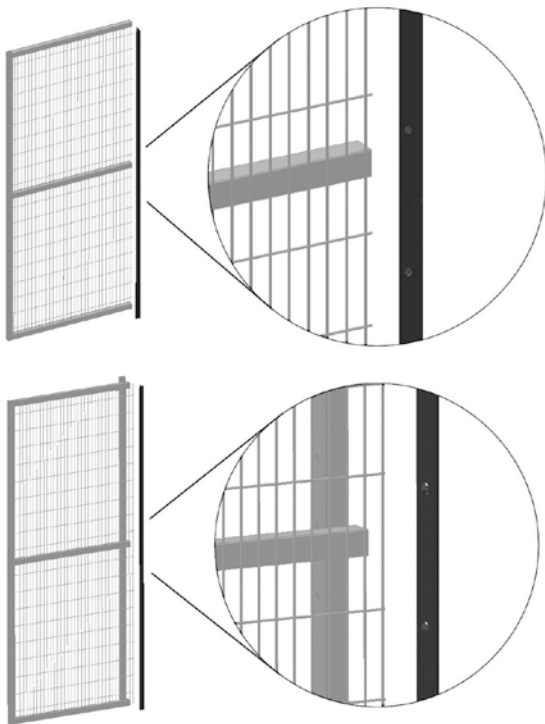
The cover plate kit is supplied complete with the necessary fixings and accessories.





## Accessories

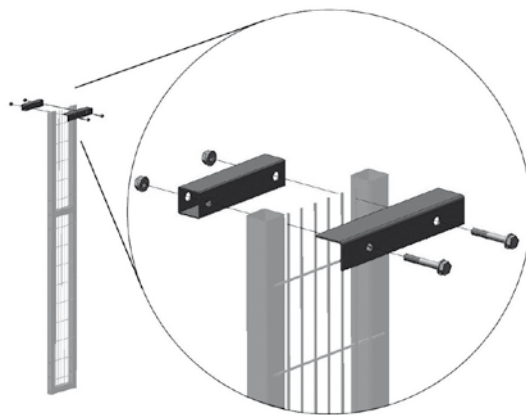
### Vertical cutting kit



The vertical cutting kit makes it possible to adjust the width of your **ProSafe** panels based on your specific requirements. They are easy to use and install, all that is required is to cut the panel to the desired width and install the new box section onto the panel with the fixings supplied and the panel is ready for mounting on your **Arion Pro-Tect** system.

The Cutting kit is supplied complete with all the necessary fixings and accessories.

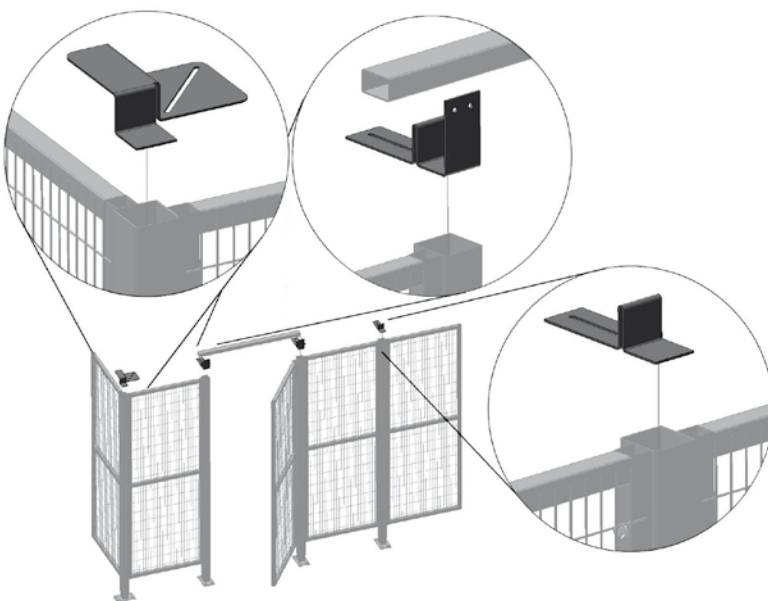
### Horizontal cutting kit



The horizontal cutting kit makes it possible to adjust the height on your **ProSafe** panels based on the actual requirement. The kit is very easy to use and install all that is required is to cut the panel to the desired height and install the new top box section onto the panel with the fixings supplied and the panel is ready for mounting on your **Arion Pro-Tect** installation.

The Cutting kit is supplied complete with all the necessary fixings and accessories.

### Brackets for cable ducts



Our consoles for cable ducts are very simple to install on top of the uprights in your **Arion Pro-Tect** machine safety system and make it possible to secure cable ducts to simplify installation and keep cables in order.

The brackets are available in three versions – for corners, above doors or wall mounting.

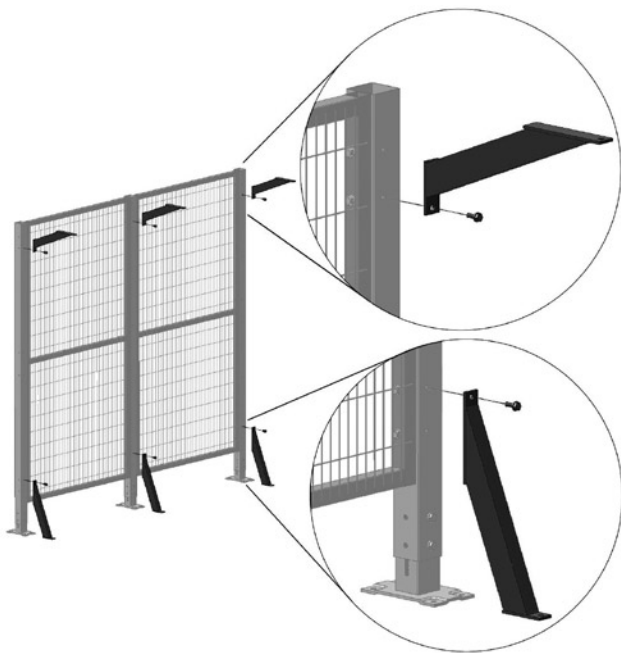
The brackets are supplied complete with all the necessary fixings and accessories (cable ducts are not included).





# Accessories

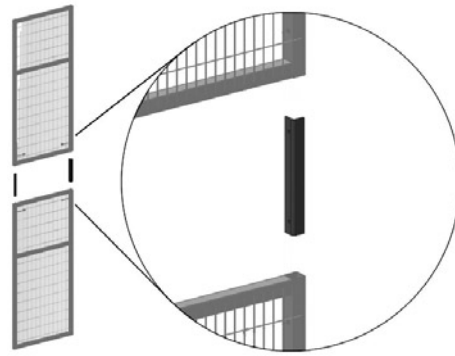
## Support bracket for upright



If your **Arion Pro-Tect** machine safety system layout requires extra support for the uprights (for example long freestanding walls or large, heavy doors) our support brackets give the opportunity for stabilising uprights either at the floor or roof. We recommend using the support brackets when a freestanding wall exceeds 5 metres in length.

The support brackets are supplied complete with all the necessary fixings and accessories.

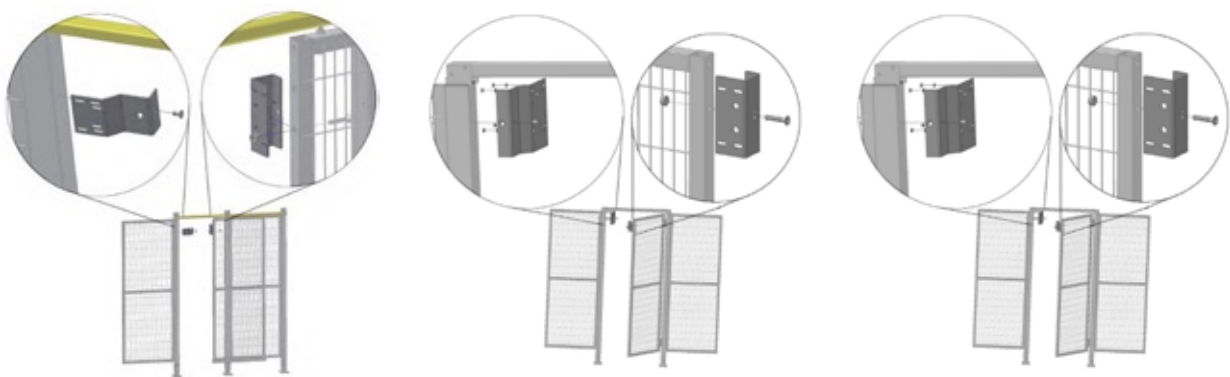
## Extension kit for panels



If the installation in your **Arion Pro-Tect** machine safety system requires higher walls than our **ProSafe** standard panels permit, our panel extension kits allow the height to be increased. The extension kit makes it possible to install two ProSafe panels on top of each other. We do not however recommend increasing the standard heights by more than 1500mm. (If your installation requires greater height, we recommend that you contact us so that we can provide specially made panels.)

The extension kit is supplied complete with all the necessary fixings and accessories.

## Mounting plates for switches



The mounting plates for safety switches have a universal mounting system that is suitable for most switch manufacturers' products. They are easily installed on the relevant door solution and extended

holes guarantee perfect installation of the switch.

The mounting plate brackets are supplied complete with all the necessary fixings and accessories.

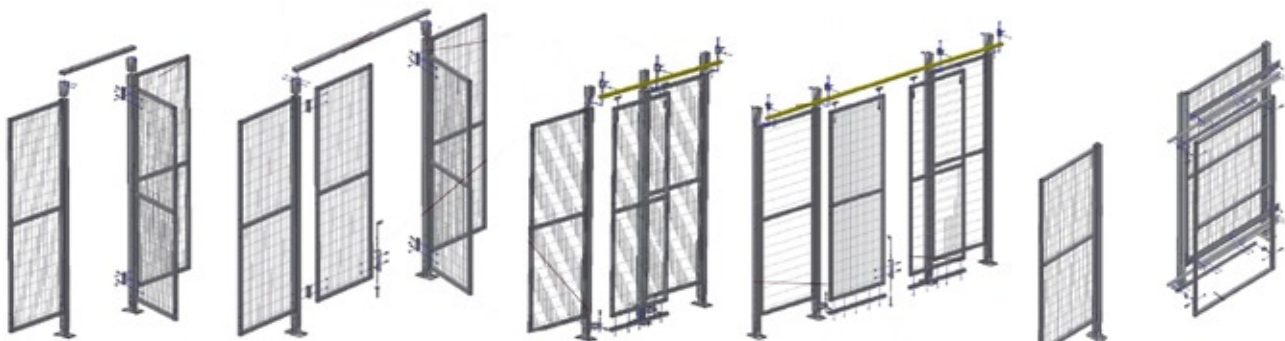




## Doors

**Arion Pro-Tect** offers a complete range of door solutions with everything from standard products to customised solutions. The doors are made from our Pro-Safe standard panels.

As a complement we also offer lock systems for different requirements.



Single hinged doors

Double hinged doors

Single sliding doors

Double sliding doors

Sliding doors without overhead rails

## Special solutions

We want to meet your needs with our machine safety solutions, we therefore can adapt our standard products to your specific needs. Our range enables us to meet all our customer's needs either from standard products or by customisation. Try us and we will rise to your challenge.





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