



Modular Safety Enclosures

These create a protected space in the work area with automatic installations and manufacturing robots. They also keep the area free of possible materials shed by the action of machines. They can be adjusted to all types of machinery.

There are numerous possible combinations to enclose different areas: panels in four different lengths, two pillar heights, double or single access gates, sliding doors, opaque zones, mesh zones, irregular-shaped perimeters, mobile features, etc.



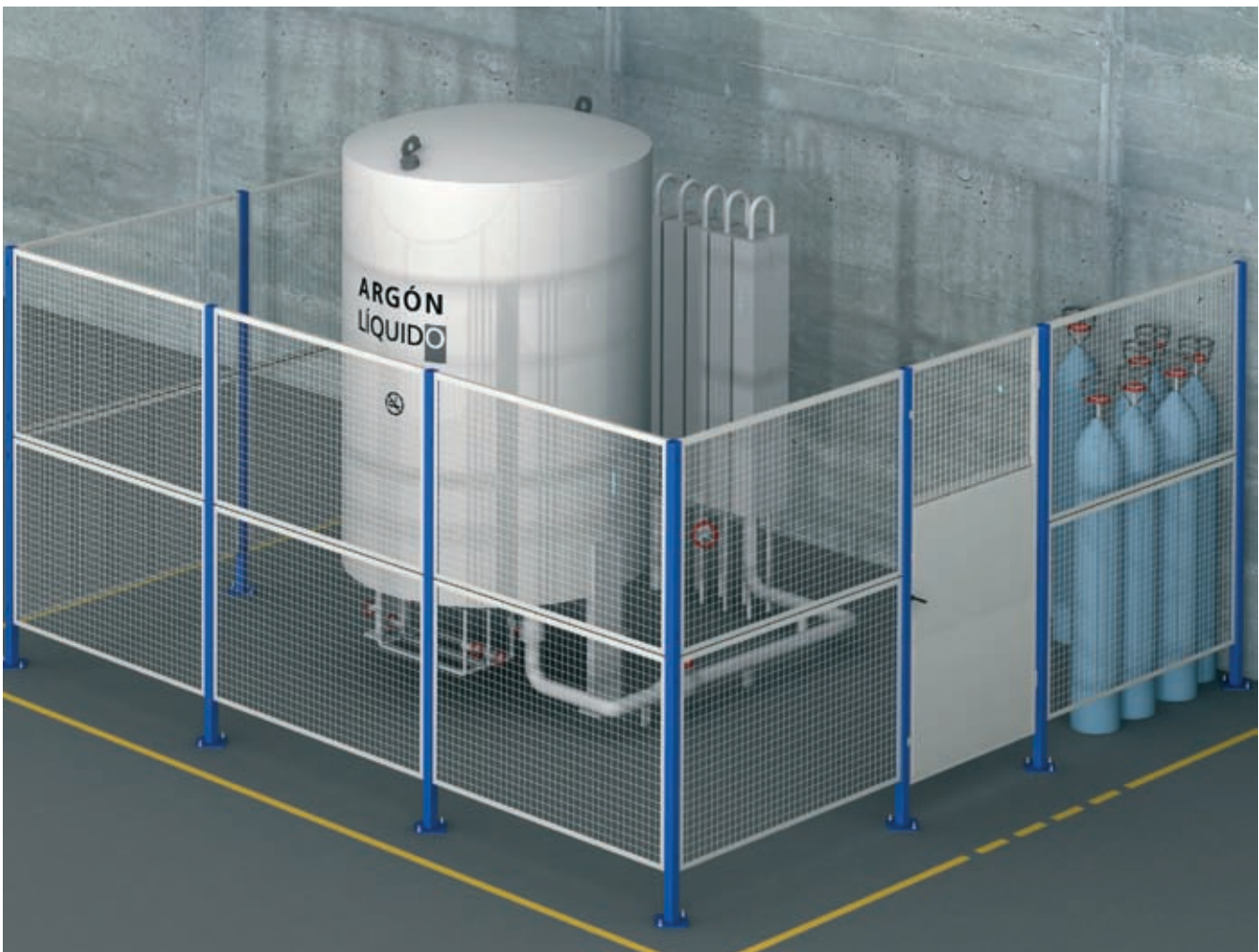
Control and maintenance area enclosures.

For Every Need

- Separation and internal divisions of the various areas within a company.
- Manufacturing processes with moving machinery.
- Roller path surface protection.
- Separation of waste classification areas.
- Enclosure of control and maintenance zones.
- Chemical products area.
- Substations, transformers and electrical panels.
- Delimitation of loading areas.
- Enclosure of racking area reserved for stacker crane traffic.
- Enclosure of warehouse material and files.



Protection of roller path zones.

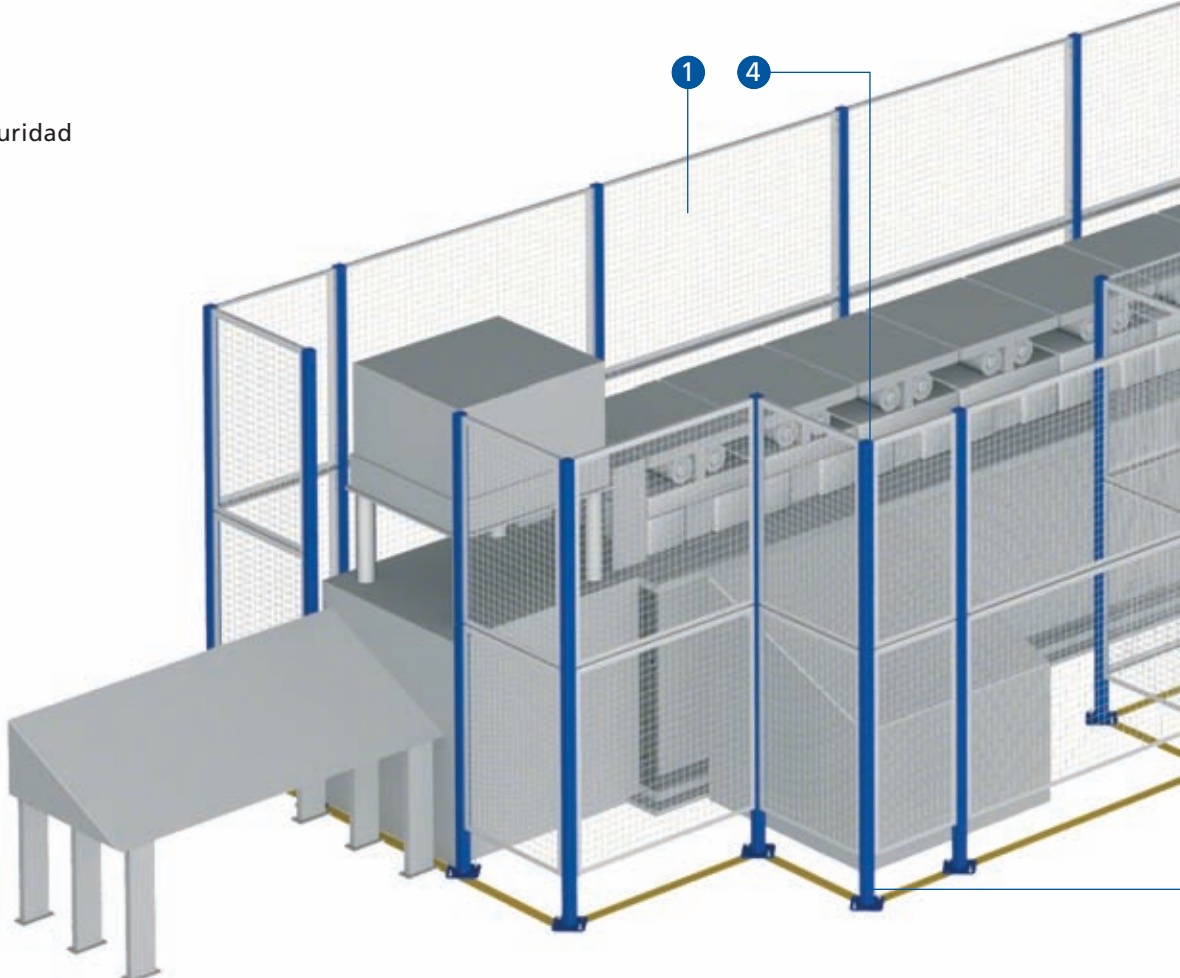


Chemical products area.

The Design of Simplicity

Basic Components

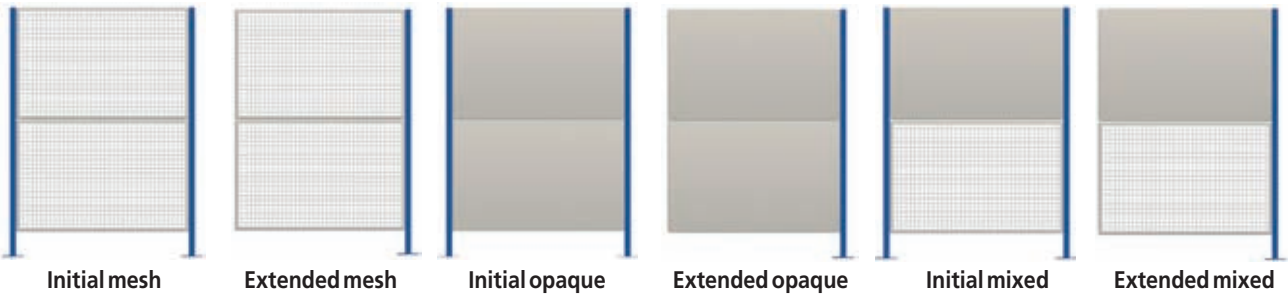
- 1) Cierre metálico
- 2) Pilar
- 3) Pilar abisagrado
- 4) Interruptor de seguridad
- 5) Anclaje
- 6) Puerta de acceso

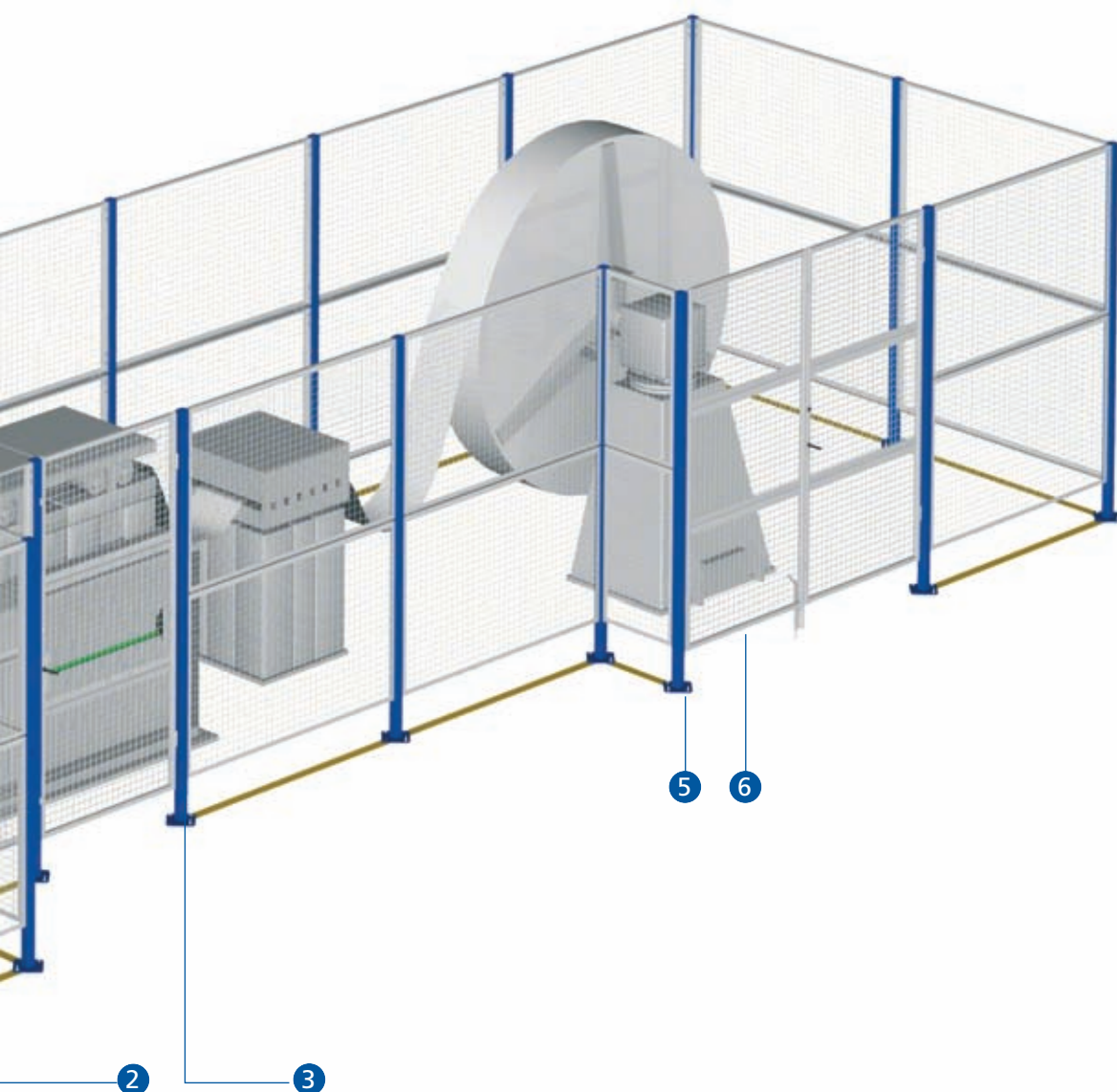


| Module dimensions | | | | |
|-----------------------|-----------------------|-------|-----|-----|
| Standard heights (mm) | Standard widths* (mm) | | | |
| 2,200 | 1,520 | 1,054 | 754 | 480 |
| 1,600 | | | | |

* Based on central points of the pillar.

Modules





| Gate dimensions | |
|-----------------|-----------------------------------------|
| Type | Measurements (mm) |
| Single | 1,033 (to central points from pillar) |
| Double | 2,006 (to central points from pillar) |
| Double sliding | 1,990 (free space) 5,396 (totally open) |

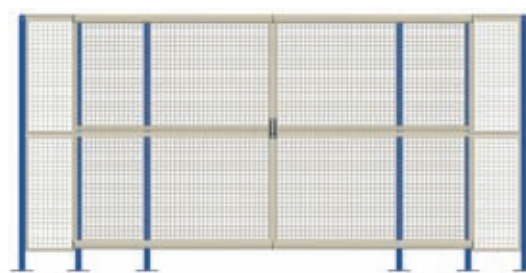
Gates



Single Metal mesh,
opaque or mixed

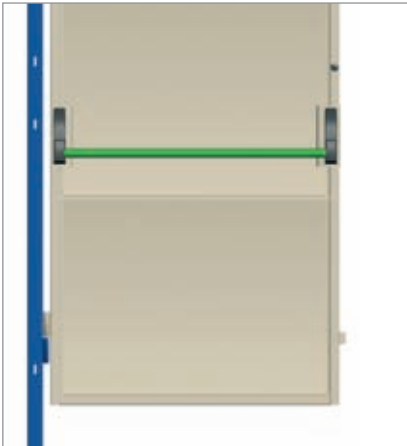


Double Metal mesh



Double sliding Metal mesh

Accessories



Anti-panic

For those installations where immediate evacuation may be required.



Power-off Switch

Enables the electricity supply to the machinery to be shut off when the door is opened.



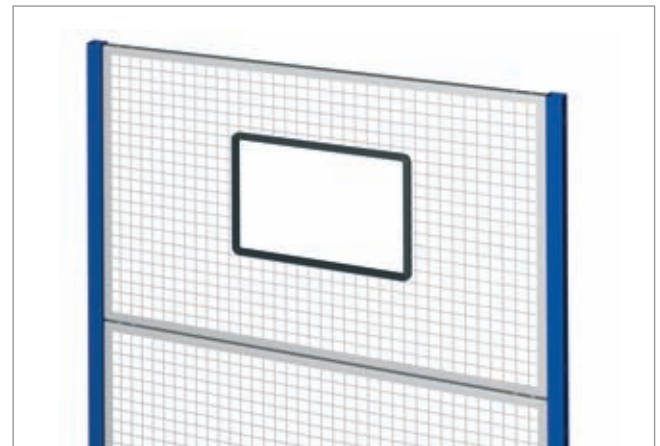
Hinged Panel

To cover a wide range of possibilities.



Push-pad

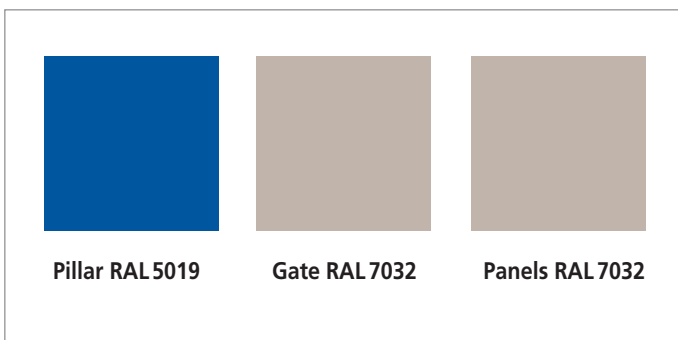
A new opening system with locks for gates.



Plastic Finish

Can be adjusted to overcome various on-site obstacles.

Standard Colours



*Other non-standard colours available on request.



Health and Safety

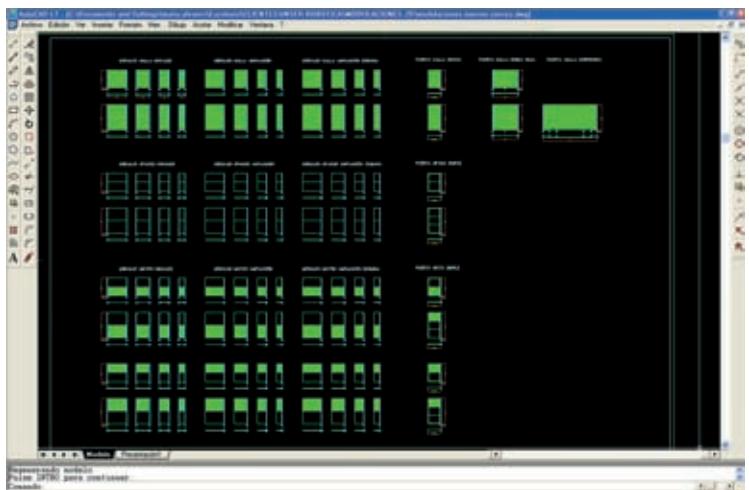
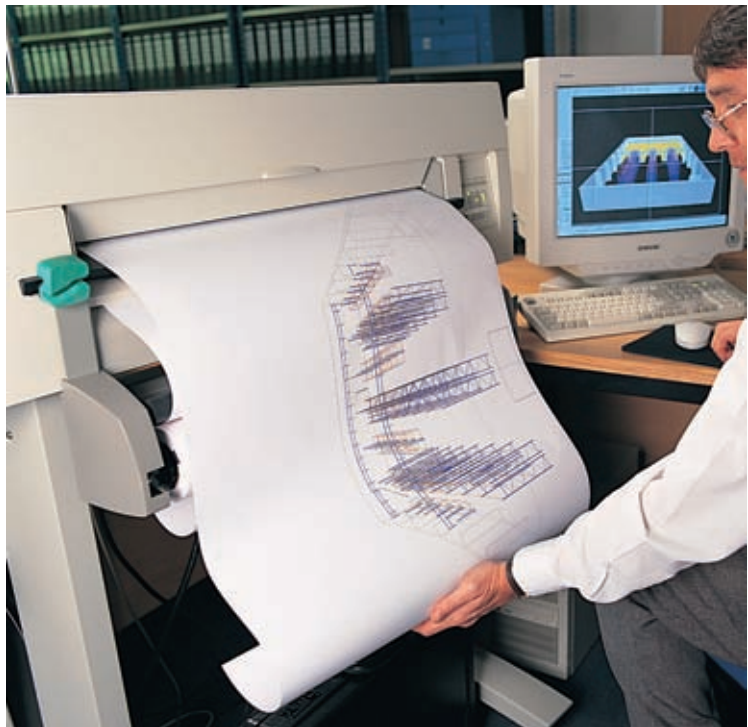
Design Standards

The design and installation meet all the safety requirements of the Standards for the Design of Perimeter Protection for Safety in Machines.

ISO 12100, UNE-EN ISO13857, UNE-EN 953:1998 + A1:2009.

Advantages of the System

- Designed according to European workplace safety standards.
- Modular system, adjustable to each area.
- Easy and quick assembly.
- Finished in epoxy polyester powder paint.
- Interchangeable mesh or opaque panels.
- Simple to extend and adjust.



Legislation and Legally Binding Considerations

The use of appropriate protection in machines arises from the current European and Spanish legislation on the prevention of workplace risks. The regulations concerning machinery – Royal Decree 1644/2008, Royal Decree 56/95, Directive 98/37/CE – and their use – Royal Decree 1215/97 – state the need to protect people from risks arising from all types of machinery.

The Spanish Law 31/95 concerning Prevention of Workplace Risks, arising from the European Directive 89/392/CE, also stipulates the various types of penalties against companies failing to fulfil this obligation.



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