



# Mesh Partitioning



**Create protected space in work areas in automated warehouses with manufacturing robots.**

Areas are kept free of any material ejected by machines in motion.

Different areas can be enclosed with multiple combinations of: four different panel lengths, two pillar heights, double- or single-access gates, sliding doors, opaque sections, mesh zones, irregular-shaped perimeters, mobile features, etc.

**Advantages**

- **Modular system** adapts to each area.
- **Fast and easy** to assemble.
- Straightforward **enlargement** and **modification**.
- Designed according to European **occupational health and safety standards**.



Protection of roller conveyor zones



Control and maintenance zone partitions



Chemical products area

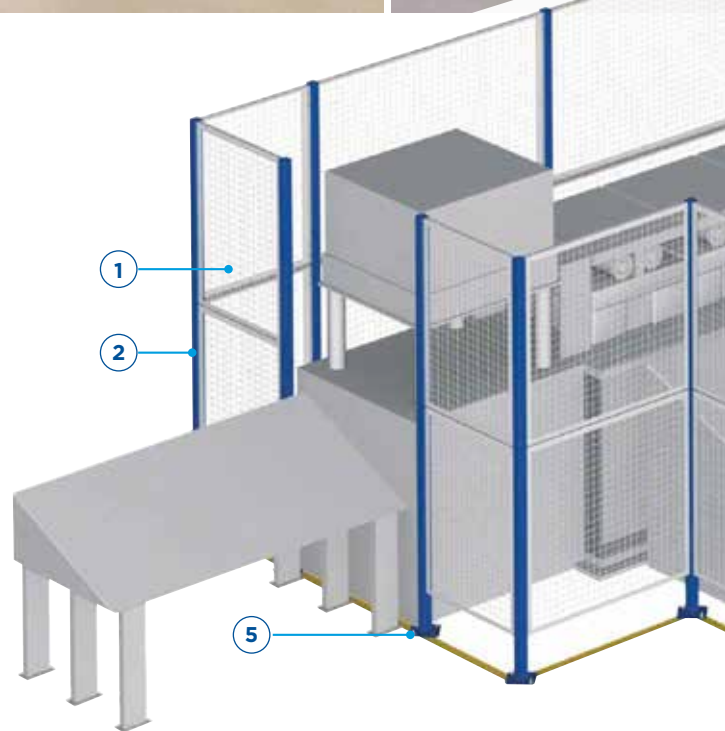
## APPLICATIONS

- **Separate and internally divide** different areas within a company's facility.
- Close off **manufacturing** zones with machinery in-motion.
- **Protect** roller conveyor **circuits**.
- **Separate** waste sorting **areas**.
- **Partition** off control and maintenance **zones**.
- Safeguard **chemical products** areas.
- Isolate **substations**, transformers and electrical panels.
- **Mark** the boundaries of loading **areas**.
- **Enclose rack areas** reserved for stacker crane traffic.
- Partition off **storage systems**.



## BASIC COMPONENTS

1. Metal partition panel
2. Pillar
3. Hinged pillar
4. Safety shutoff switch
5. Anchorage
6. Access gate



### Modules

Interchangeable opaque or mesh partition panels.



Initial mesh module



Extra mesh module



Opaque initial module



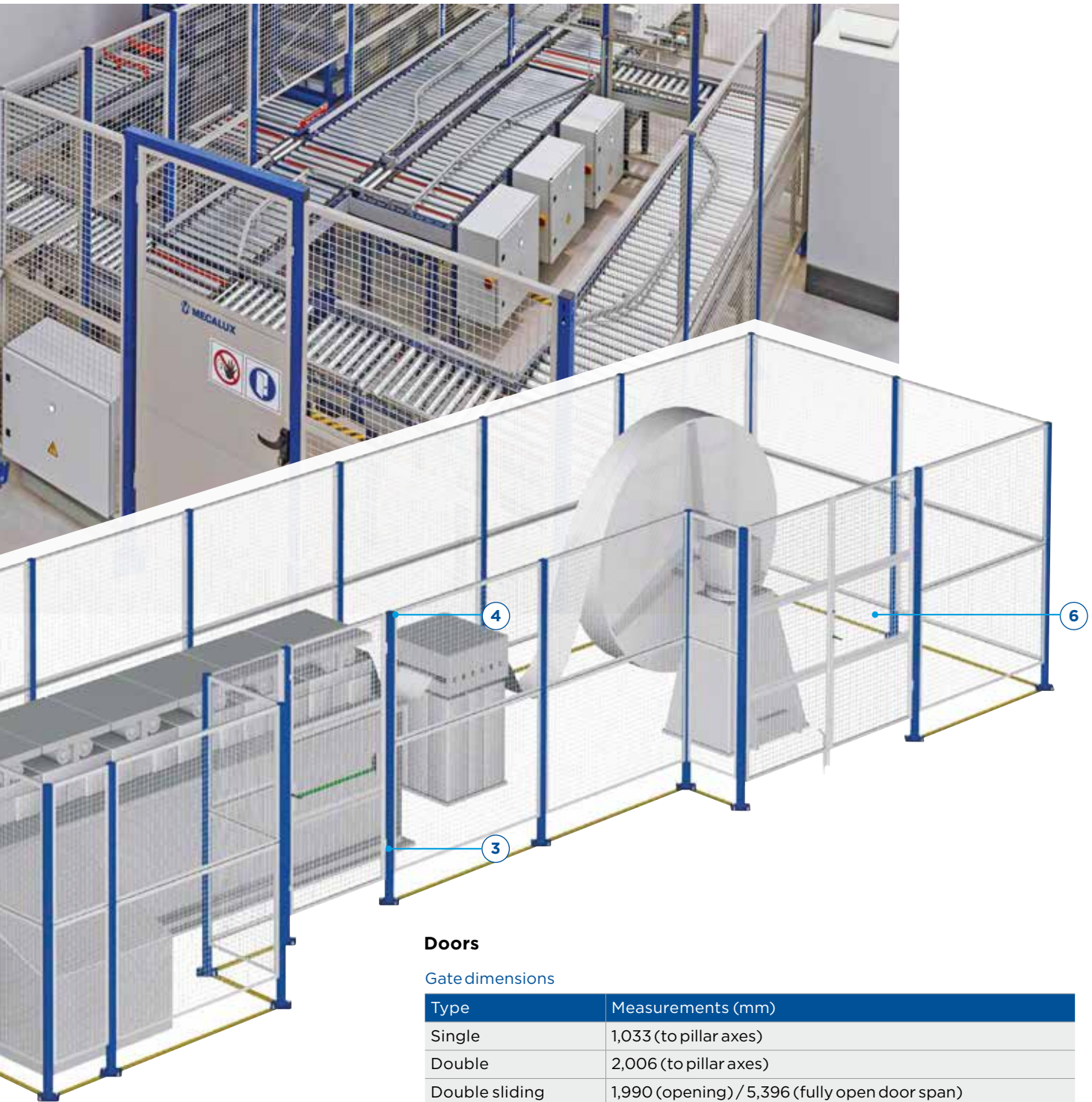
Extra opaque module



Mixed initial module



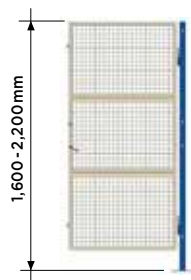
Extra mixed module



### Doors

Gate dimensions

Type	Measurements (mm)
Single	1,033 (to pillar axes)
Double	2,006 (to pillar axes)
Double sliding	1,990 (opening) / 5,396 (fully open door span)



Single door. Opaque or mixed metal mesh



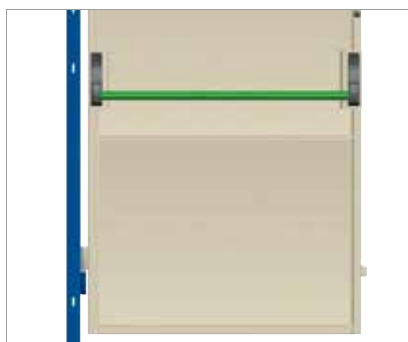
Double door. Metal mesh



Double sliding door system. Metal mesh



## ACCESSORIES



### Emergency alert system

For installations where immediate evacuation of personnel may be required.



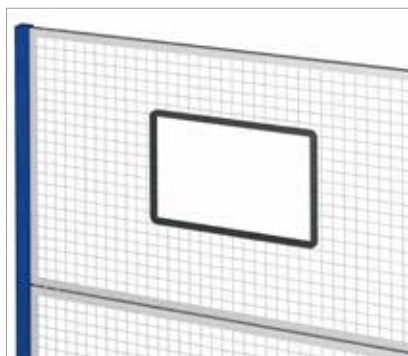
### Safety shutoff switch

Cuts power to the machinery when a door opens.



### Hinged panel

Serves a wide range of possible arrangements.



### Plastic finish

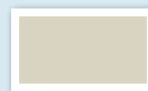
Adjust to different on-site obstacles.

### Standard colours

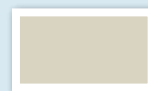
Finished in powder epoxy-polyester paint.



**Pillar**  
RAL 5003



**Door**  
RAL 7032



**Panels**  
RAL 7032

Other non-standard colours available on request.



## SAFETY AND PROTECTION

### Design standards

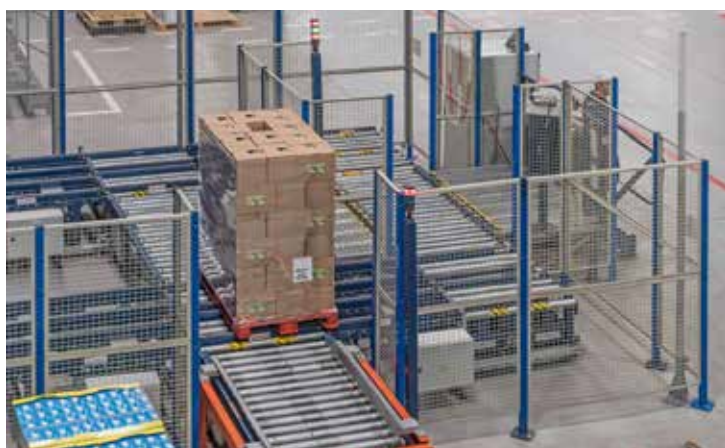
The design and installation meet all safety requirements, in accordance with the standards in force in each country, e.g.:

- EN ISO 12100
- EN ISO 13857
- EN ISO 14120

### Legislation and enforcement

The use of appropriate protection on machines is outlined in the current international and countrywide legislation on occupational health and safety.

These standards, whether regarding machines — Directive 2006/42/EC — or their usage, state the need to protect people against the inherent risks involved in handling all types of machinery.





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