



## 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

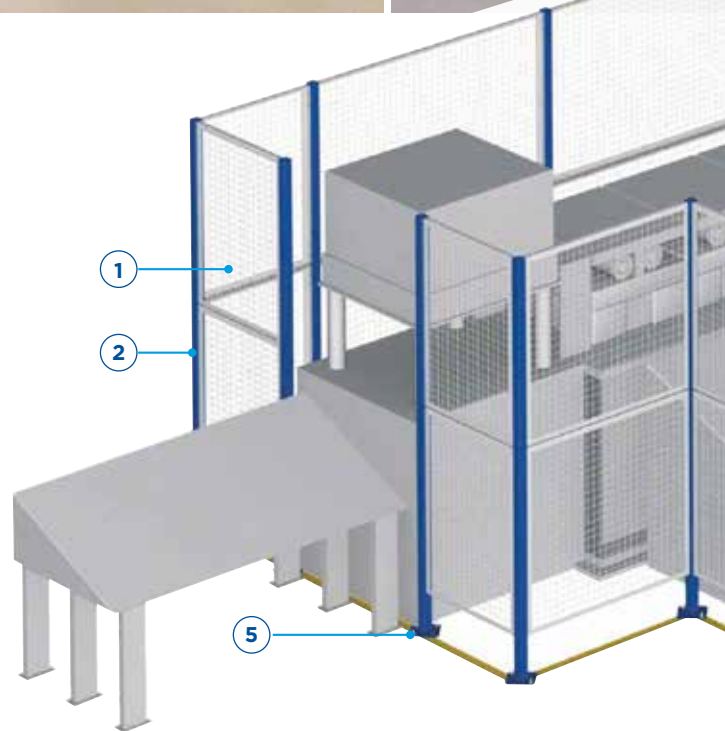
- **Separate and internally divide** different areas within a company's facility.
- Close off **manufacturing** zones with machinery in-motion.
- **Protect** roller conveyor **circuits**.
- **Separate** waste sorting **areas**.
- **Partition** off control and maintenance **zones**.
- Safeguard **chemical 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

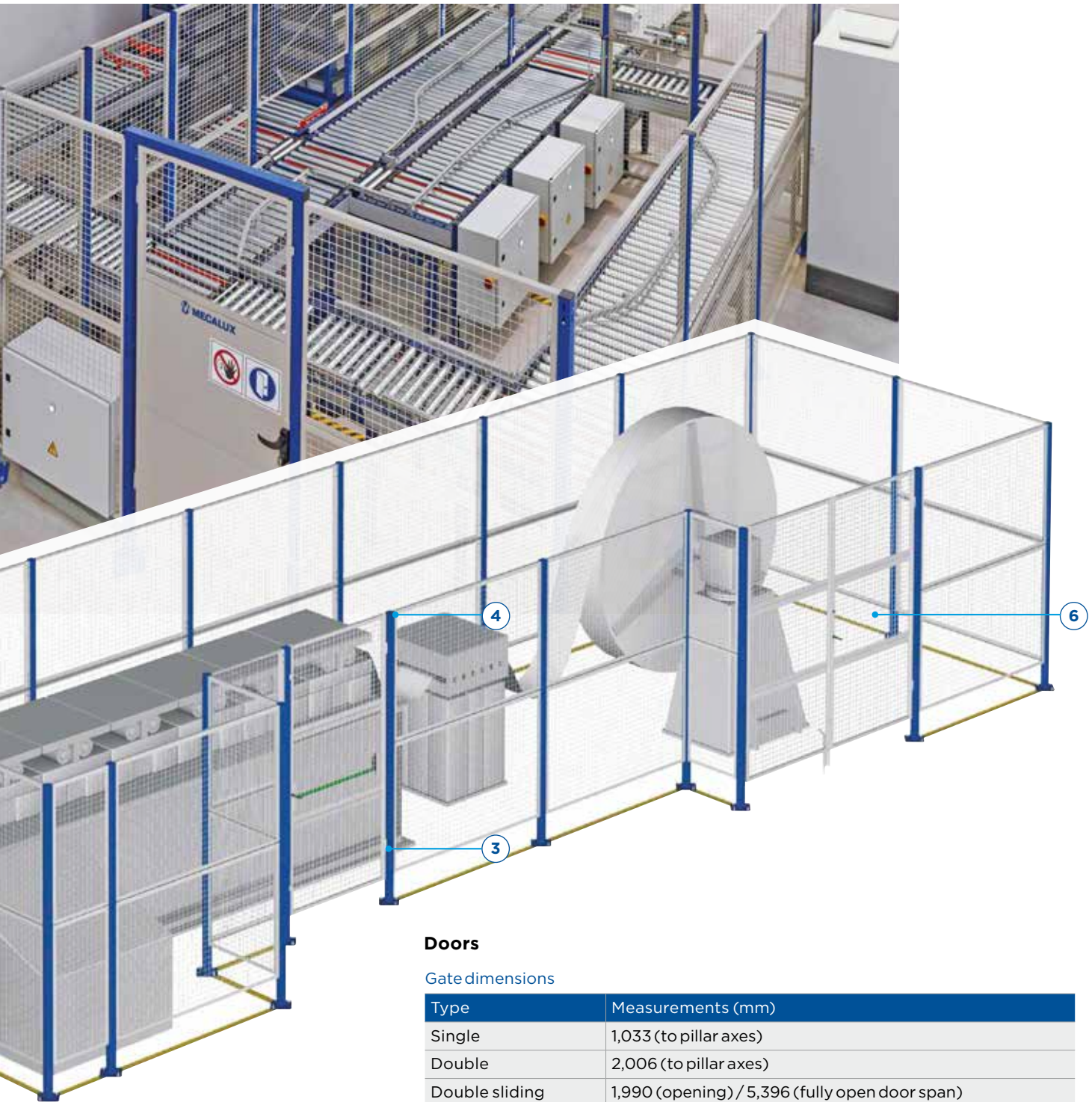


Mixed initial module



Extra mixed module

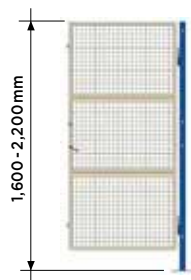




### Doors

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



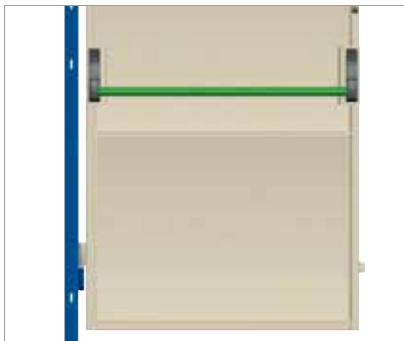
Double door. Metal mesh



Double sliding door system. Metal mesh



## ACCESSORIES



### Emergency alert system

For installations where immediate evacuation of personnel may be required.



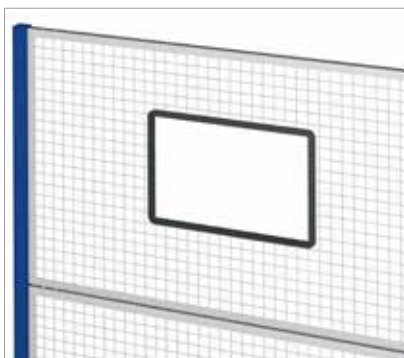
### Safety shutoff switch

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

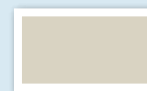
Finished in powder epoxy-polyester paint.



**Pillar**  
RAL 5003



**Door**  
RAL 7032



**Panels**  
RAL 7032

Other non-standard colours available on request.





## SAFETY AND PROTECTION

### Design standards

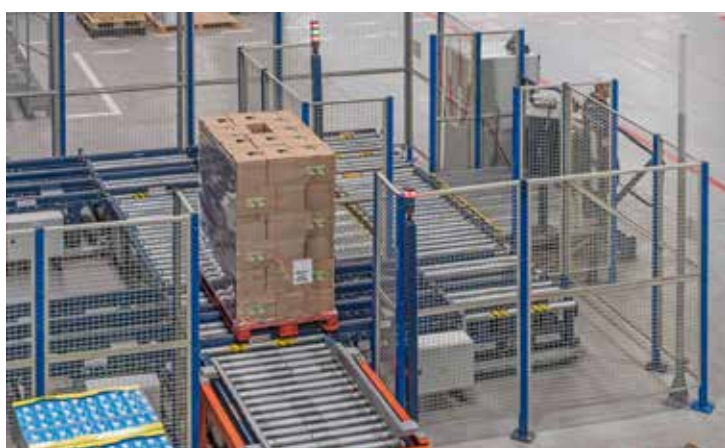
The design and installation meet all safety requirements, in accordance with the standards in force in each country, e.g.:

- 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.





**HEAD OFFICE - SPAIN** - Silici, 1 - 08940 Cornellà de Llobregat - Barcelona  
**Tel. +34 932 616 913 – info@mecalux.com – mecalux.com**

#### EUROPE

##### BELGIUM

Tel. +32 2 346 90 71  
info@mecalux.be  
**mecalux.be**

##### CZECHIA

Tel. +420 222 524 240  
info@mecalux.cz  
**mecalux.cz**

##### FRANCE

Tel. +33 01 60 11 92 92  
info@mecalux.fr  
**mecalux.fr**

##### GERMANY

Tel. +49 (0) 2133 5065 0  
info@mecalux.de  
**mecalux.de**

##### ITALY

Tel. +39 02 98836601  
info@mecalux.it  
**mecalux.it**

##### NETHERLANDS

Tel. +31 208 08 30 96  
info@mecalux.nl  
**mecalux.nl**

##### POLAND

Tel. +48 32-331 69 66  
info@mecalux.pl  
**mecalux.pl**

##### PORTUGAL

Tel. +351 21 415 18 90  
info@mecalux.pt  
**mecalux.pt**

##### SLOVAKIA

Tel. +421 220 545 117  
info@mecalux.sk  
**mecalux.sk**

##### TURKEY

Tel. +90 216 706 10 15  
info@mecalux.com.tr  
**mecalux.com.tr**

##### UNITED KINGDOM

Tel. +44 0121 3336 602  
info@mecalux.co.uk  
**mecalux.co.uk**

##### AMERICA

###### ARGENTINA

Tel. +54 (11) 4006-4444  
info@mecalux.com.ar  
**mecalux.com.ar**

###### BRAZIL

Tel. +55 19 3809-6800  
info@mecalux.com.br  
**mecalux.com.br**

##### CHILE

Tel. +56 (2) 2827 6000  
info@mecalux.cl  
**mecalux.cl**

##### COLOMBIA

Tel. +57 01 8000 423 553  
info@mecalux.com.co  
**mecalux.com.co**

##### MEXICO

Tel. +52 (664) 647 22 00  
info@mecalux.com.mx  
**mecalux.com.mx**

##### PERU

Tel. +51 (1) - 323 4646  
info@mecalux.pe  
**mecalux.pe**

##### URUGUAY

Tel. +598 2683-8879  
info@mecalux.com.uy  
**mecalux.com.uy**

##### USA

Tel. 1-877-632-2589  
info@interlakemecalux.com  
**interlakemecalux.com**

