



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, 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

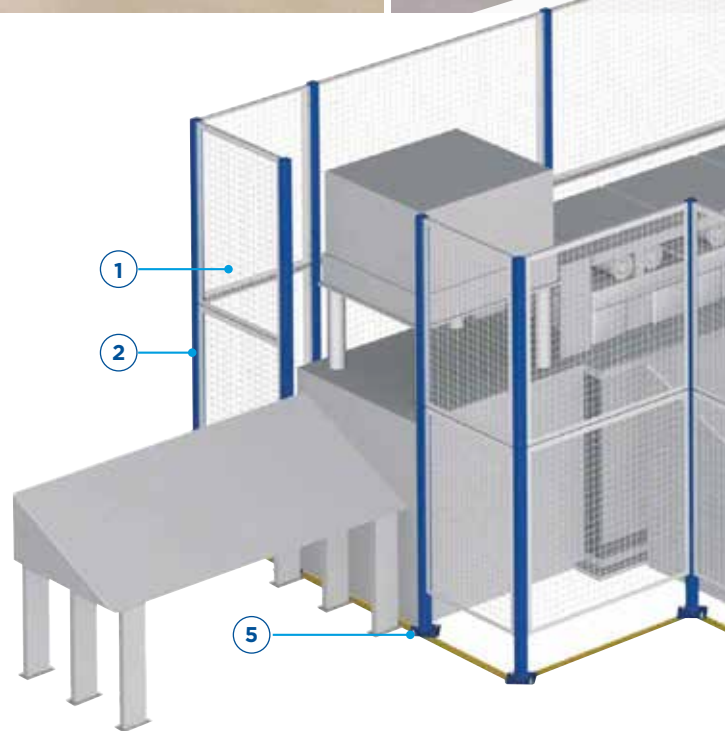
APPLICATIONS

- **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



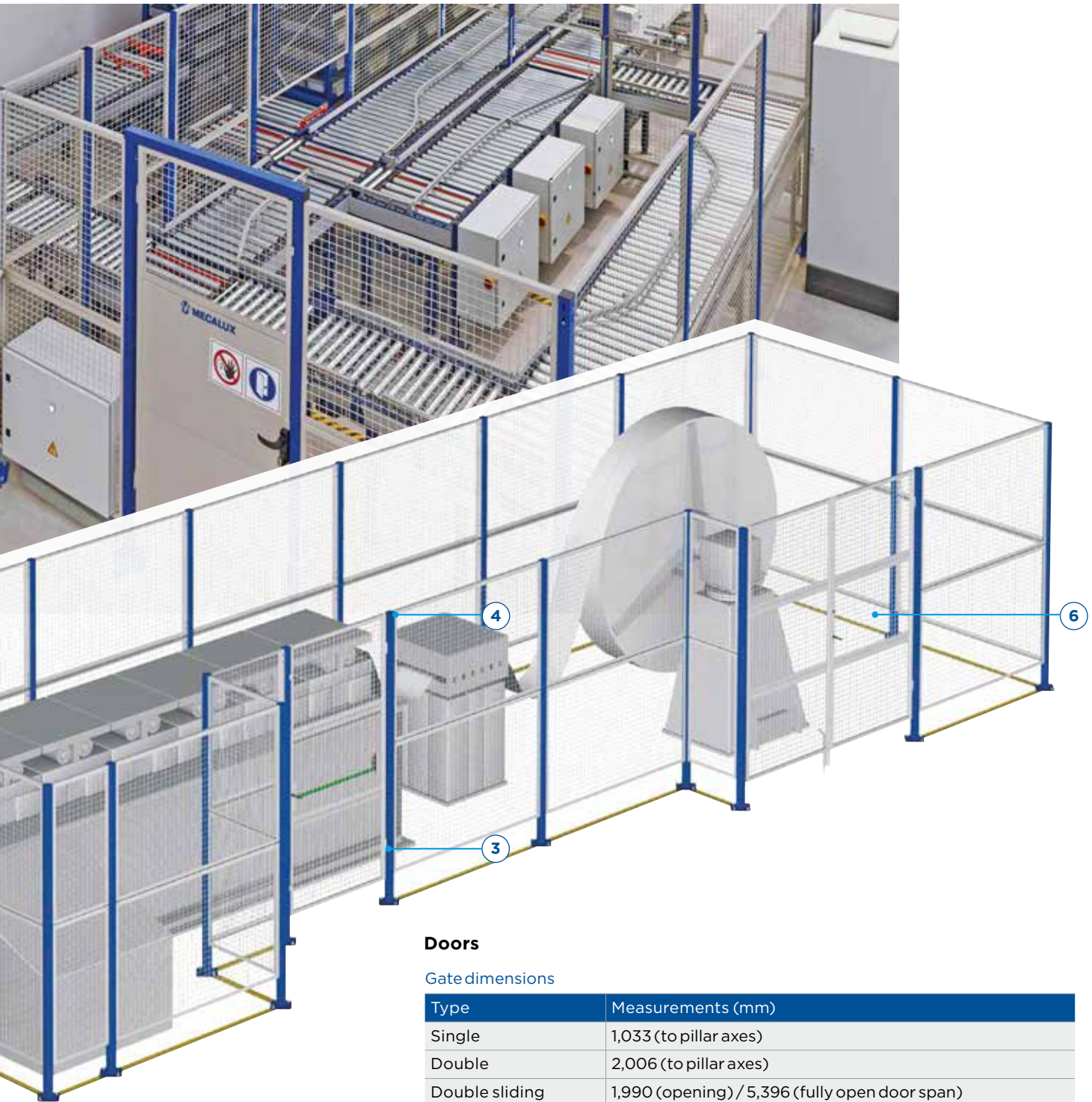
Extra opaque module



Mixed initial module



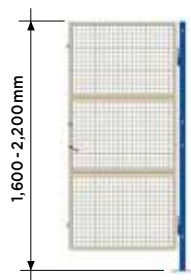
Extra mixed module



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



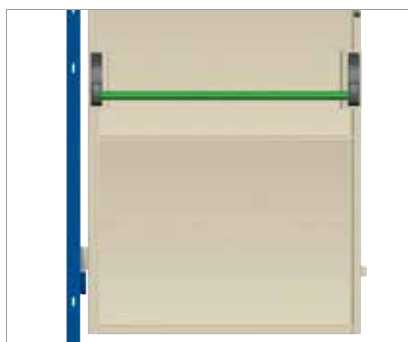
Double door. Metal mesh



Double sliding door system. Metal mesh



ACCESSORIES



Emergency alert system

For installations where immediate evacuation of personnel may be required.



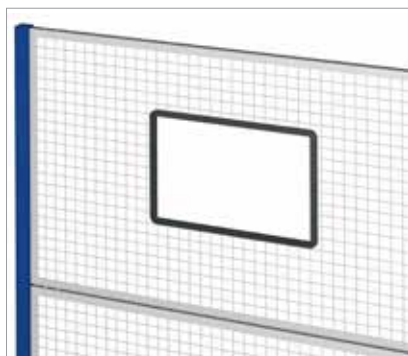
Safety shutoff switch

Cuts power to the machinery when a door opens.



Hinged panel

Serves a wide range of possible arrangements.



Plastic finish

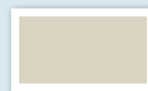
Adjust to different on-site obstacles.

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

