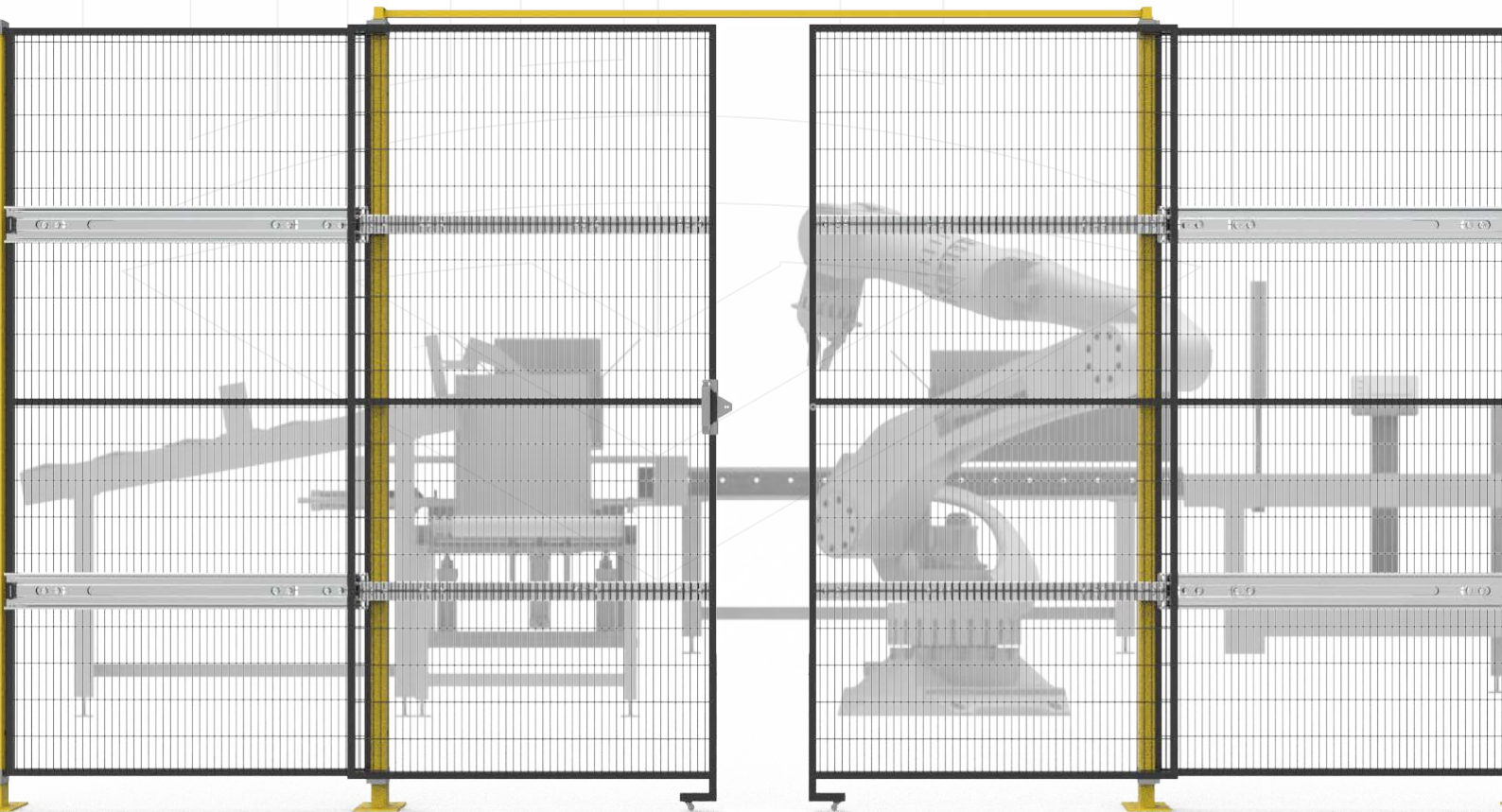


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# MACHINE GUARDING DOORS & ACCESSORIES

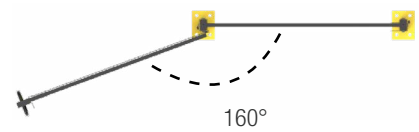
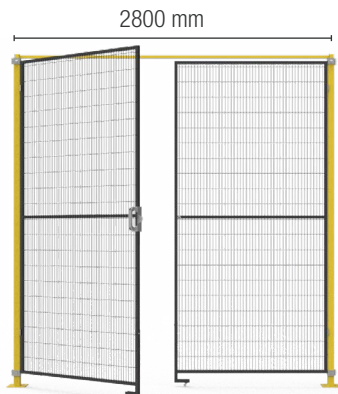
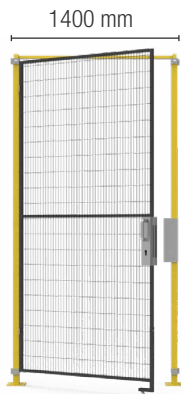
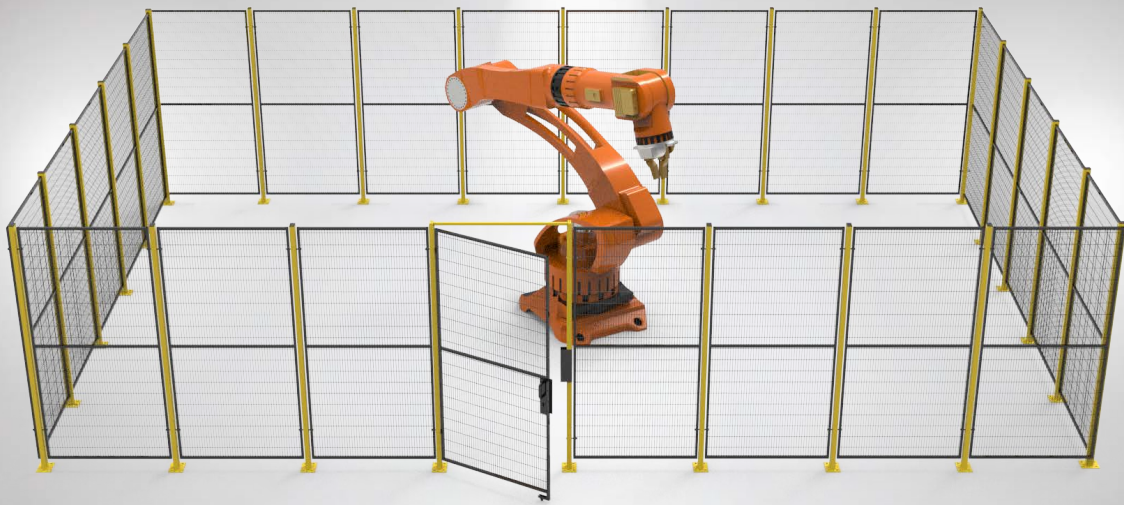
One-Stop Machine Guarding System & Warehouse Partition Solution Designer





## Swing Doors

Swing door is a kind of door installed at the entrance of the machine guarding systems to facilitate authorized personnel in and out as well as door open & close. Weld-mesh panel or crimp-mesh panel may be selected as swing door panels



### Single swing door

With a maximum width of 1400 mm, single hinged doors are commonly used in the entrance and exit of machine guarding systems to facilitate serviceman access to adjust or repair the machinery.

### Double swing door

With a maximum width of 2800mm, double hinged doors are typically used in loading and unloading areas, mold change areas as well as container exit points.

### Open angle

The Door allows to open outward only. And the maximum opening angle is 160°



**1 Door panel**

Weld-mesh panel      Crimp-mesh panel

**Top frame**

Top frame kit

Top frame fastener

Frame fixing clamp

**Door panel components**

Hinge

Safe lock

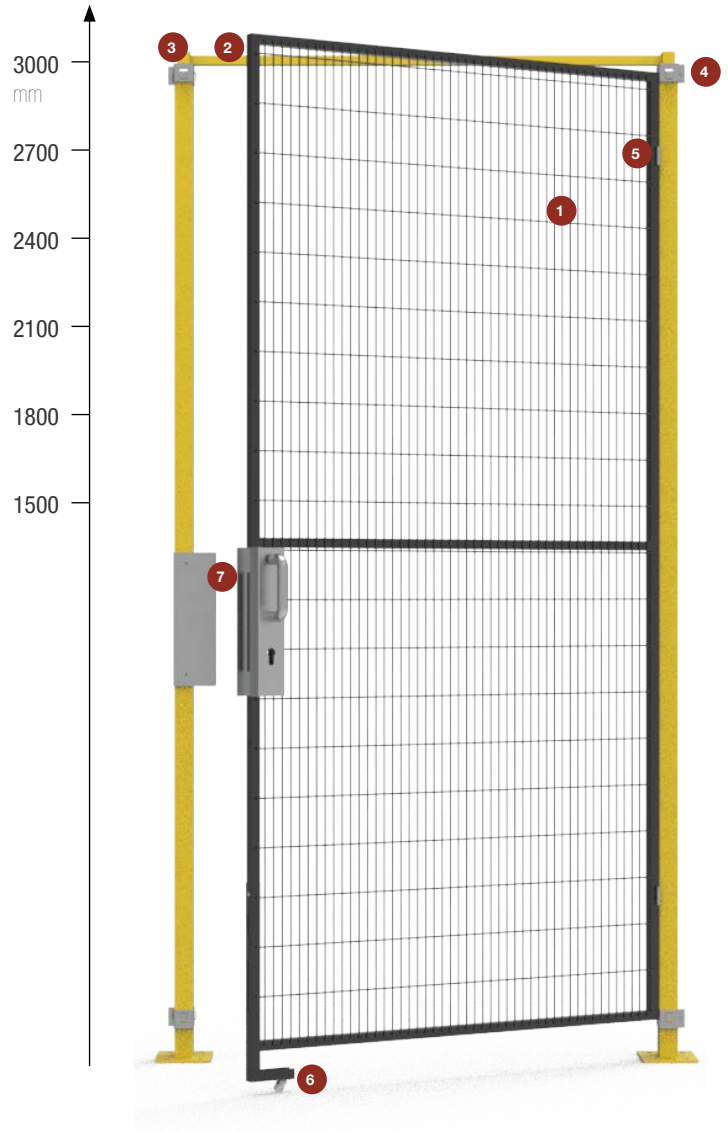
Support wheel kit

Material  
carbon  
steel  
**Q235**

Height: 1500–3000 mm

Surface treatment:  
Electro galvanized, powder coating.

Color: ● (RAL 9005) ○ (RAL 1023)



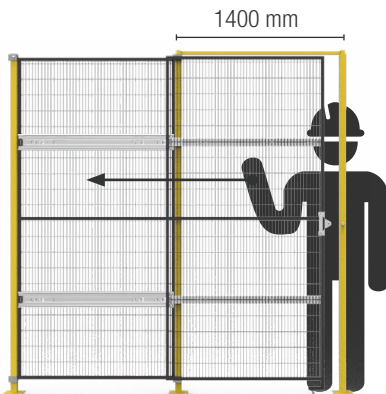
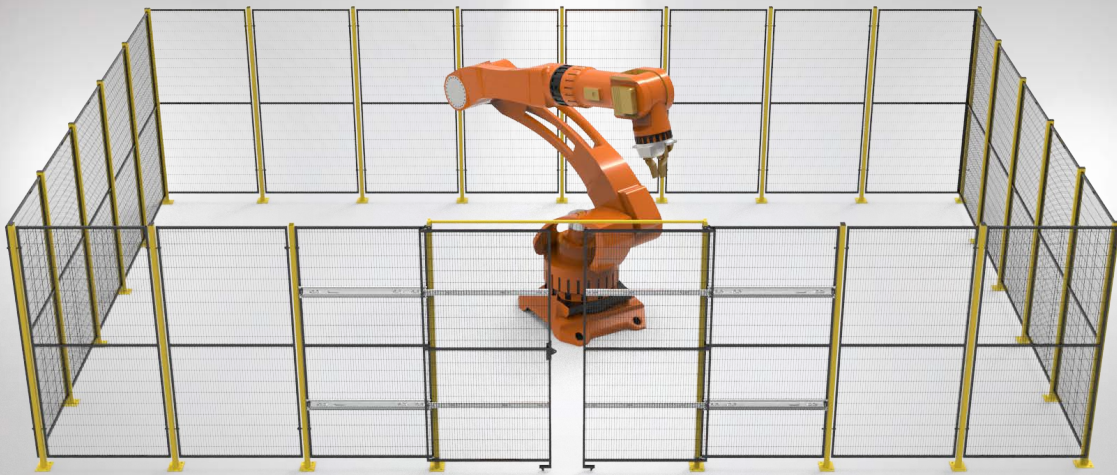
### Features

- When the hinge door opens, it swings outward.
- When the swing door is closed, door and posts are in one plane with no gaps and offer a simple appearance.
- Few installation accessories are required, easy to install.
- You may choose a single hinged door or a double hinged door according to your working environment.



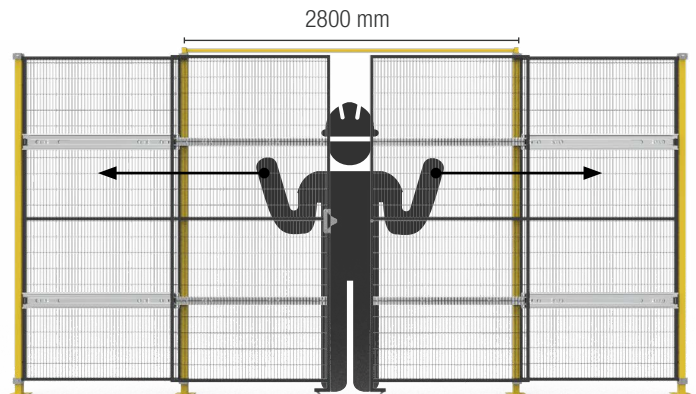
## Sliding Doors

Swing door is applicable to machine guarding systems where no enough space is left on the outside the entrance and exit for door swing and open. It adopts metal rails to connect with adjacent mesh panels. Sliding door slides horizontally along the metal rail to open and close, which is both convenient and labor-saving.



### Single swing door

With a maximum width of 1400 mm, single sliding doors are commonly used in the entrance and exit of machine guarding systems to facilitate serviceman access to adjust or repair the machinery.



### Double swing door

With a maximum width of 2800 mm, double sliding doors are often used in in loading and unloading areas, mold change areas as well as container exit points.



**1 Door panel**

Weld-mesh panel      Crimp-mesh panel

**Top frame**

Top frame kit

Top frame fastener

Frame fixing clamp

**Door panel components**

Slide rail

Support wheel kit

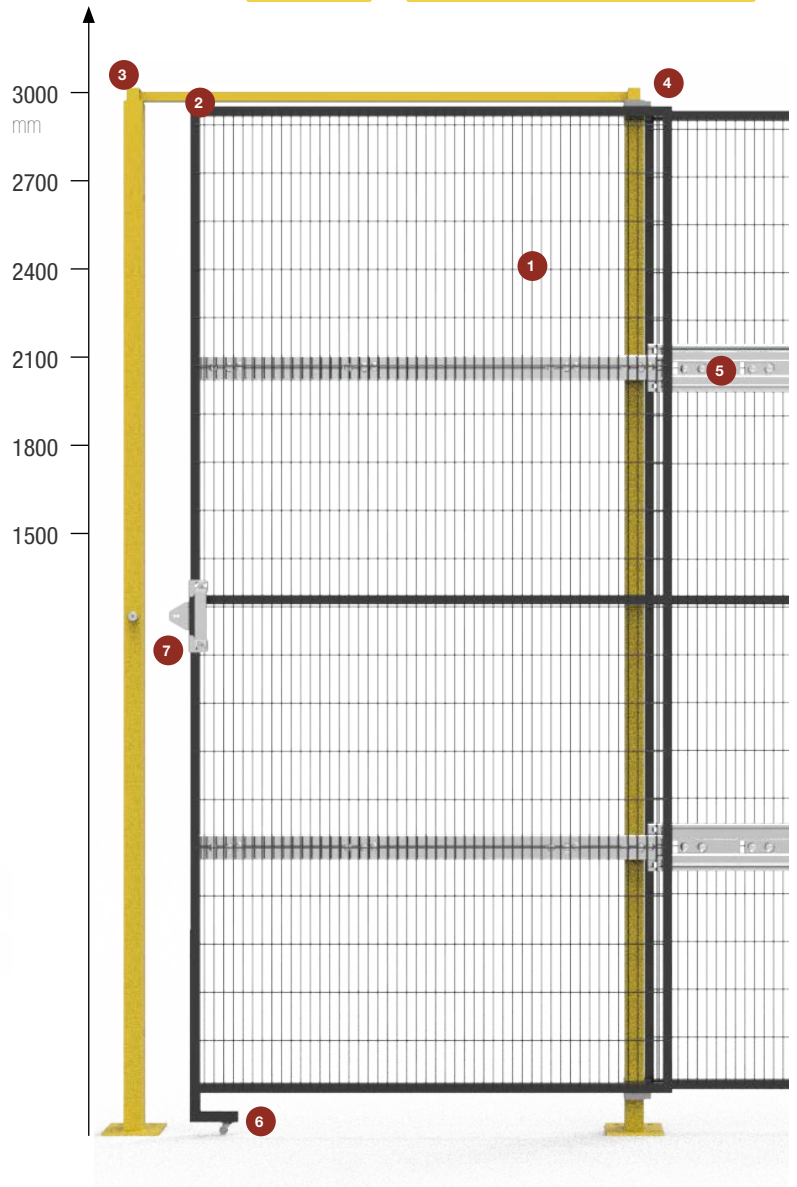
Safe lock kit

Material  
carbon  
steel  
**Q235**

Height: 1500–3000 mm

Surface treatment:  
Electro galvanized, powder coating.

Color: ● (RAL 9005) ○ (RAL 1023)



### Features

- Every sliding door is equipped with 2 metal rails that are respectively installed on the upper and lower middle part of the fixed panel and sliding door mesh panel.
- Sliding doors have the benefit of being on a track, allowing them to glide open and closed quite easily and don't require much strength.
- As the door slides along a pair of parallel rails, sliding door requires almost no space to be fully opened.
- Single sliding doors are highly recommended for the entrance and exit of machine guarding systems to facilitate serviceman access to adjust or repair the machinery. Double sliding doors are highly recommended in loading and unloading areas, mold change areas as well as container & forklift exit points.

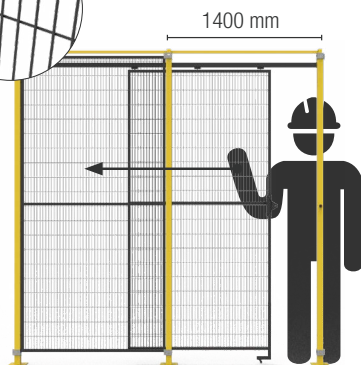
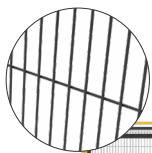
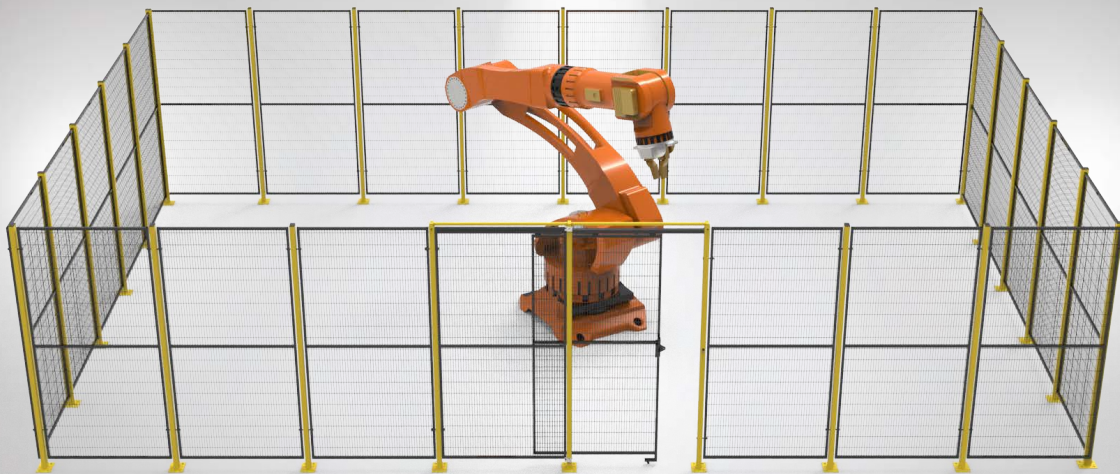


## Top Rail Doors

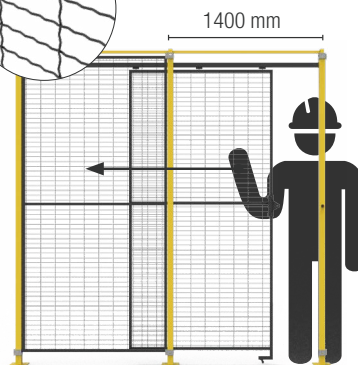
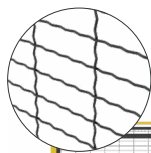
Top rail door is a kind of door that slides long the top rail for open and close. It is commonly used in loading and unloading areas of the machine guarding systems and the entrance and exit of mold change incoming areas to protect operators from industrial injury.

In case no enough is reserved on the outside of the entrance and exit for door swing and open, top rail doors or sliding doors are highly recommended.

The difference between top rail door and sliding door lies in that top rail door has its slide rails installed on the top of the door while sliding door has its slide rails mounted on adjacent mesh panel and door mesh panel respectively.



Weld-mesh panel top rail door



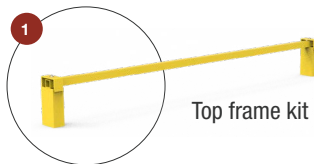
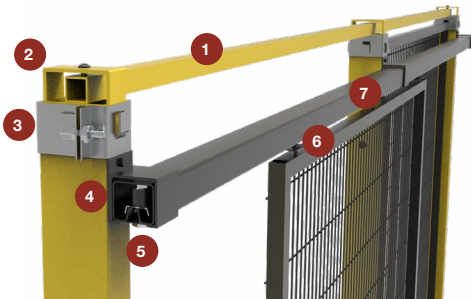
Crimp-mesh panel top rail door



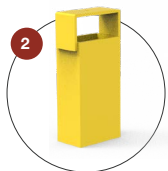
Top rail



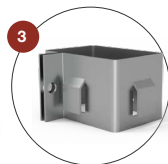
### Top frame



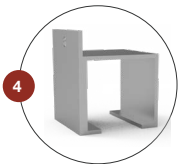
Top frame kit



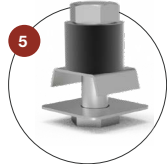
Top frame fastener



Frame fixing clamp



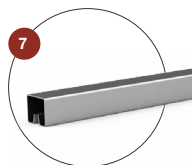
Support wheel kit



Safe lock kit

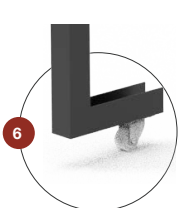


Support wheel kit



Safe lock kit

### Door panel components



Support wheel kit



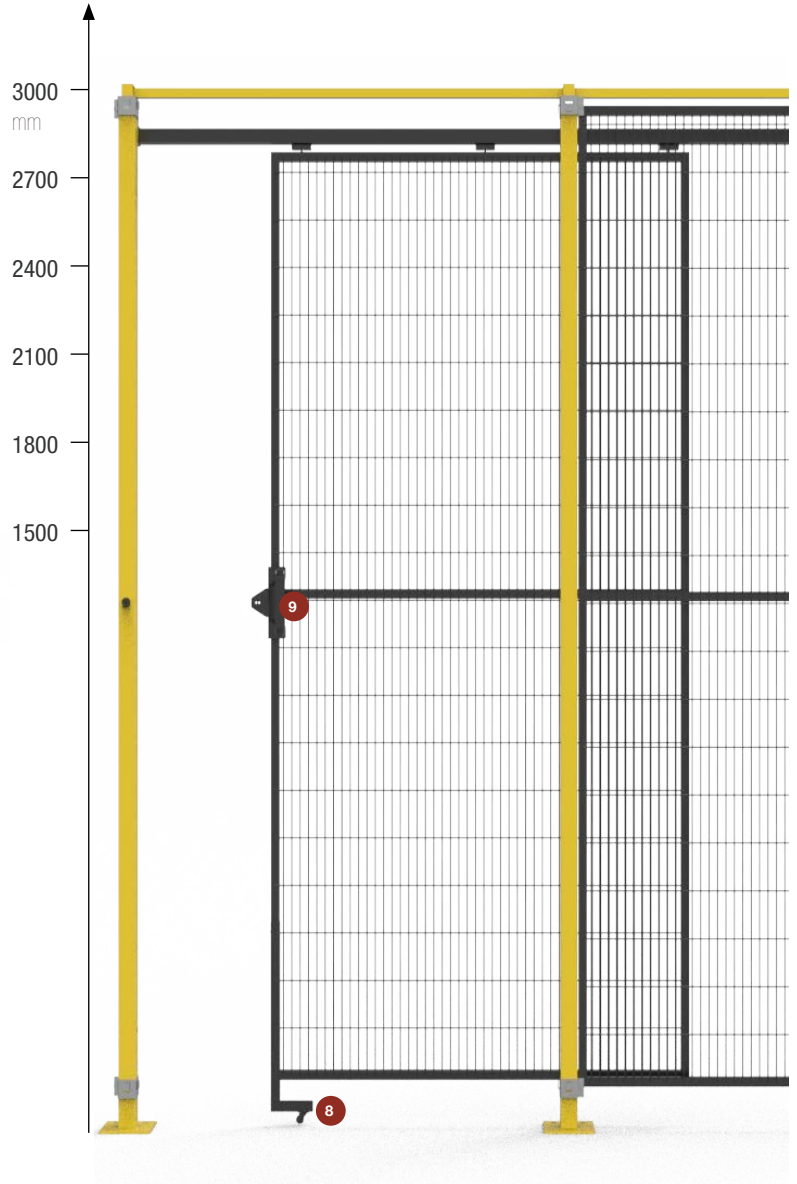
Safe lock kit

Material  
carbon  
steel  
**Q235**

Height: 1500–3000 mm

Surface treatment:  
Electro galvanized, powder coating.

Color: ● (RAL 9005) ○ (RAL 1023)



### Features

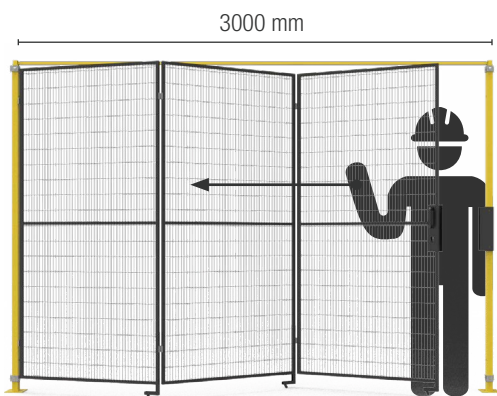
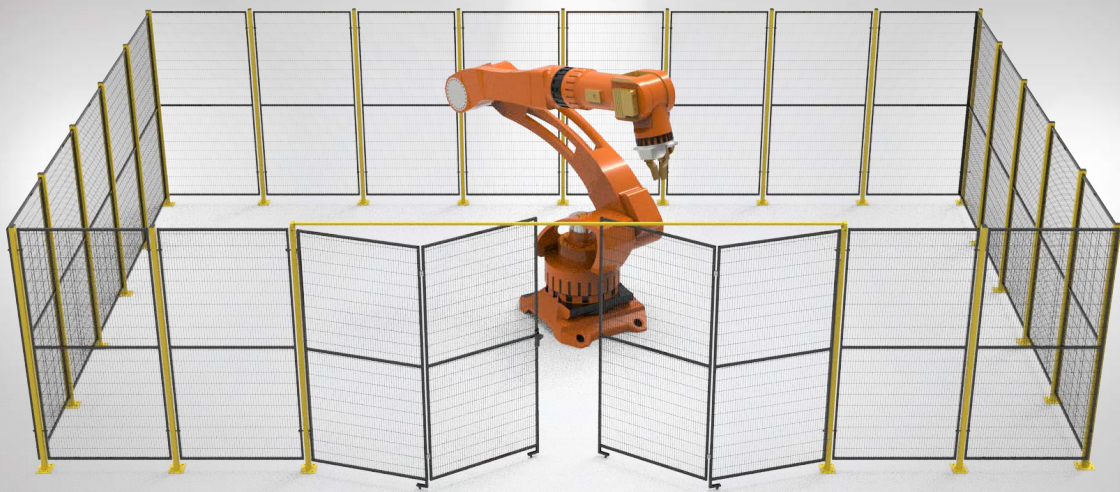
- Top rail door is provided with pulleys hanging on the top of the track, allowing them to glide open and closed quite easily and don't require much strength.
- As the door slides horizontally along the top rail, almost no space is required in the door open and close process.
- When the top rail door opens, it is parallel to the adjacent fixed mesh panel, saving space.



## Folding Doors

Folding door is a kind of door that can be folded on one side or both sides of the entrance when the door opens. As the folding door has a small swing radius, when the door opens, the space on both sides of the entrance can be fully utilized.

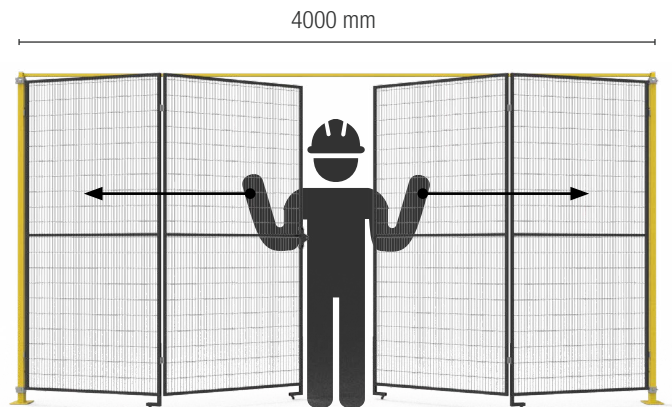
Every folding door connects two or three mesh panels with hinges and all doors can be flexibly opened and closed. As the way of door opening and closing is much similar to the concertina, therefore, it is also known as concertina door.



### Single swing door

single folding door is available with a maximum width of 3000 mm.

suitable for machine guarding systems That Require a large entrance and exit.



### Double swing door

Double folding door is available with a maximum width of 4000 mm.

Suitable for machine guarding systems That Require a large entrance and exit.





**1 Door panel**

Weld-mesh panel      Crimp-mesh panel

**Top frame**

Top frame kit

Top frame fastener

Frame fixing clamp

**Door panel components**

Hinge

Support wheel kit

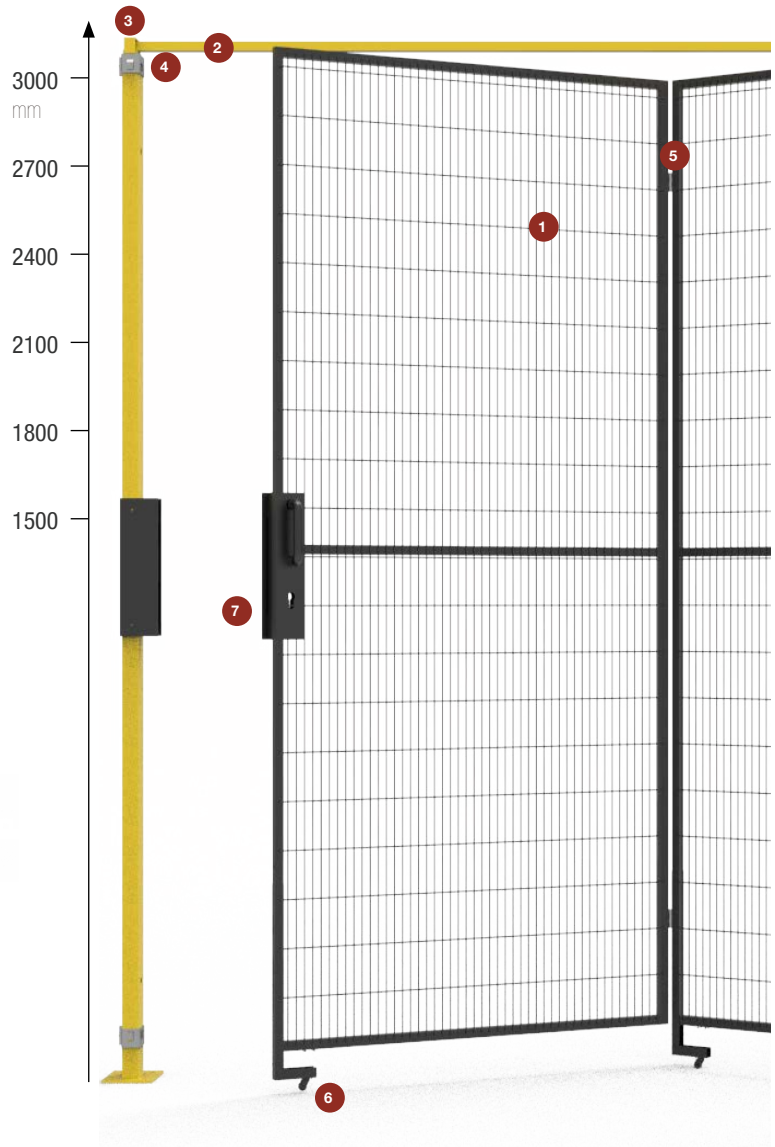
Safe lock

Material  
carbon  
steel  
**Q235**

Height: 1500–3000 mm

Surface treatment:  
Electro galvanized, powder coating.

Color: ● (RAL 9005) ○ (RAL 1023)



### Features

- Folding door can be folded after opening and the space required for door open and close is much smaller than that of swing door.
- Flexible open and close and can be fully opened or half-opened according to your need.
- You may choose a single folding door or a double folding door according to your working environment.



## Accessories

Machine guarding accessories are an integral part of the whole machine guarding system and mainly include bases, top frame kits, safe locks, support wheel kits, clamps, hinges, slide rail kits and fasteners, etc.



Base



Top frame kit



Top frame



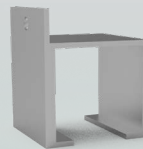
Safe lock



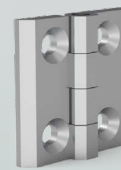
Support wheel kit



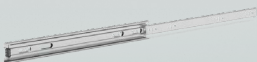
Fixed clamp



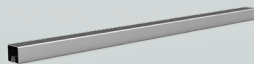
Square tube clamp



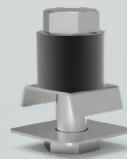
Hinge



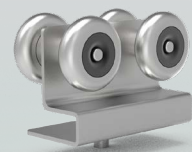
Slide rail



C-strut steel rail



C-strut steel rail plug



Pulley



Expansion bolt



Wood screw



J-bolt, washer and nuts



Hinged bolt

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