



# **ROLDORY**

Engineered Guarding Systems

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# **MACHINE GUARDING SYSTEMS**

[www.roltory.com](http://www.roltory.com)

**AS ROLDORY  
WE PROVIDE SAFE AREAS!**

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- Elegance Fence Series
- Stainless Steel Fence Series
- Eco Fence Series
- Modular Cabin Systems
- Aluminum Profile Panel Systems
- Sheet Metal Panel Series
- Modular Barrier Systems



# ROLDORY

Engineered Guarding Systems

# 2022

[www.roltory.com](http://www.roltory.com)

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## ROLDORY DESIGN TEAM

A team full of innovation and excitement!

As Roldory design team, by our practical, smart solutions we always stand by our customers with developed products as well as project based works.

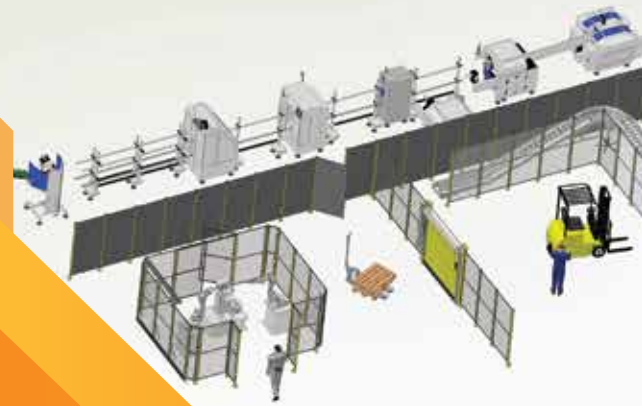


# AS ROLDORY WE PROVIDE SAFE AREAS!

We consider customer satisfaction as the main principle, and in line with this principle, we adopt it as the main reason for our existence to serve effectively and offer superior products that meet the market expectations perfectly. Wide range of sales network and assembly service reaching to every location is among our main goals. By turning our focus to innovative products, we are in the market with many unique, innovative products. In this direction, we are in the service of our valued customers.

### **R&D AND INNOVATION**

Roldory focus on develop new products by following the technological developments and market conditions with its existing accumulation of knowledge and background. Purpose of our research and development activities is to provide support for the current and future to various businesses, pioneer innovative projects in terms of products and process, provide service to present and future markets.



### **ROLDORY DESIGN TEAM**

**A team full of innovation and excitement!**

As Roldory design team, by our practical, smart solutions we always stand by our customers with developed products as well as project based works.

We consider our priority to produce products that meet expectations of our stakeholders by supporting our products with relevant national and international legislations and standards.

These standards show that when machines are properly installed, maintained and used for appropriate purposes, they are suitable for human health and safety, and if they do not harm pets and goods, they are suitable to be placed on the market and put into service.

The machine safety directives and standards, the basic safety requirements to be followed during the design and manufacturing process, the procedures to be followed, the minimum criteria to be taken into account when appointing the competent authorities.

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## ELEGANCE FENCE SERIES

With its patented design, the Elegance series offers a unique view. Due to the weldless wire mesh-profile combination, when an object hits the panel, the wire stretches little and works like a net. It absorbs some impact and reduces rebound. The connection part allows for quick mounting and the patented design allows the panels to be connected at different angles.

### GENERAL FEATURES



**NO WELDING TRACE ON THE PROFILE**



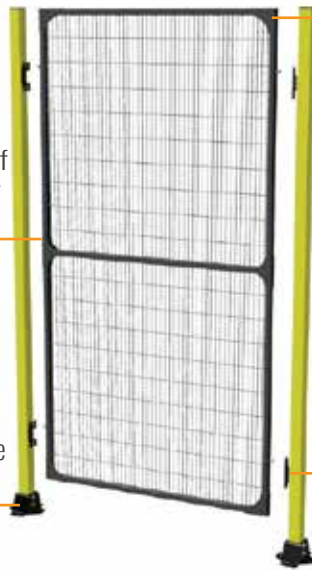
**WELDLESS WIRE MESH-PROFILE COMBINATION**

-Wire mesh is not welded in front of profile. It is placed inside profile by pressing.



**MODULAR POST BASE STRUCTURE**

-Durable post base design  
-The welding points are inside, the welding is not visible from the outside  
-Adjustable height



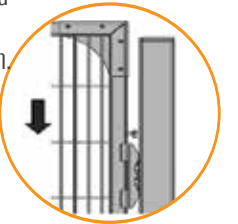
**PANEL SUPPORT BRACKETS**

-The support brackets at the corner and middle of the panel provide high durability to the panel.

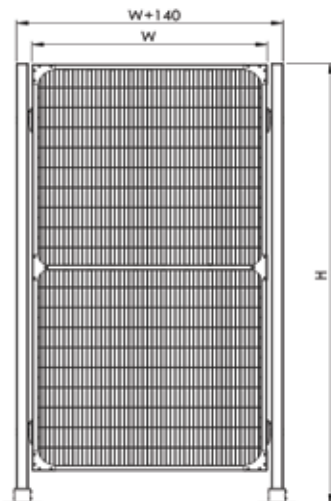


**EASY INSTALLATION**

-After the connection parts are mounted to the posts, the panel is placed to the bracket by moving it from top to bottom.



### TECHNICAL DETAILS



Height(H): 2200mm, 1400mm  
 Panel Width(W): 210, 310, 510, 610, 710, 810, 1010, 1210, (1510mm only at 1400mm Height Option)  
 It can also be produced in different sizes according to the project.

Wire Mesh Size: 20x100mm  
 Post Tube Size: 50x50x2mm  
 Panel Profile Size: 25mmx25mm

Standard Colours  
 Posts RAL1018  
 Panels RAL9005



1600 J Impact Test



Panels and posts can be supplied in other colour of choice.

EN ISO 12100:2010, EN ISO14120:2015, 2006/42/EC Machinery Safety Directive

## DOORS



### Hinged Doors

Single Hinged: 500-1200mm  
Double Hinged: 1000-2400mm



### Sliding Door

500-1200mm



### Folding Door

Max. 3m

**NEW!**



### Sliding Door With Rail

Manufactured up to 5m



### Sliding Door Without Rail

Manufactured up to 4m

**NEW!**

## ACCESSORIES



### Hinged Door Support Wheel Kit



### Post Support Bracket

Preferred long and no corner fence placements.



### Door Switch Bracket

You can provide mounting brackets by specifying the switch model.



### Standard Door Lock

Plastic Body

## MOUNTING OF PANELS AT DIFFERENT ANGLES WITH THE SAME CONNECTION PART WITHOUT ANY ADDITIONAL PARTS



After the panel is connected, the connection angle is changed by applying force from the edge of the panel. (For the opposite angle, assemble the brackets in reverse)



Download **3D CAD** files on [www.rolodory.com](http://www.rolodory.com)



Watch the product video by scanning the QR Code





**STAINLESS STEEL FENCE SYSTEMS**

Made of stainless steel AISI 304 stainless Roldory Fences is designed to provide maximum personal and machine safety in areas requiring high hygiene such as food, chemical and pharmaceutical industries.

Modular stainless fence products offer an easy and effective cleaning thanks to stainless wire mesh and the open surfaces of U-shaped posts. Frameless panels are strengthened with transverse bending and can be easily installed by cutting them in width or lengthwise when needed during assembly.

**GENERAL FEATURES**



**Post Structure With Adjustable Height**

The posts are made of 50x50 U-shaped profile and the height can be adjusted thanks to the modular leg structure.



**Connection Bracket**

The connecting bracket fits into slots on the profile, provides tight and durable connection. Before installing the panel, the bolt is loosened. The panel is placed and then easily clamped without requiring any adjustment.

**DOORS**



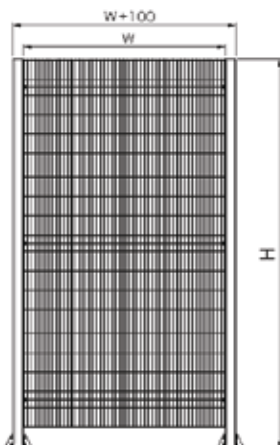
The sliding door rail is placed inclined. The door is guided from the bottom.

**Sliding Door**  
(600-1500mm)



The door is strengthened thanks to framed panel.

**Single Hinged Door**  
(600-1000mm)



**TECHNICAL DETAILS**

Height(H): 2000mm  
 Panel Width(W): 300...2000mm  
 It can also be produced in different sizes according to the project.

Mesh Size: 40X40mm  
 Post Tube Size: 50x50 U-shaped Profile



Watch the product video by scanning the QR Code



### ECO FENCE SERIES

With Roldory's new frameless panels, get economical machine protection systems with high quality.

Panels can be assembled in minutes with Ecofix connection parts

Strong post structure provides high durability.

### GENERAL FEATURES



**Gasket used top of the mesh panel (Optional)**



### DOORS



#### Hinged Doors

Single Hinged Door 500-1200mm  
 Double Hinged Door 1000-2400mm



#### Sliding Door

500-1200mm

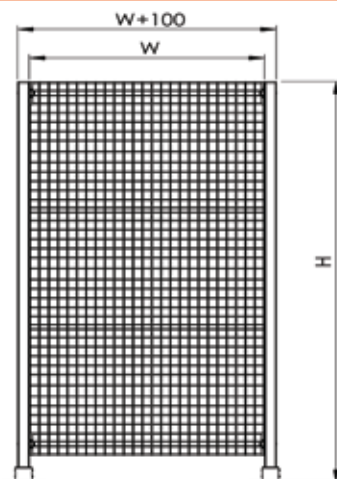


#### Standard Lock Type

#### Door Lock Options:

The doors are sent with Roldory plastic body locks as standard. Connection points can be prepared for different switch and lock models. Specify the lock model when ordering. (Leuze, Euchner etc.)

### TECHNICAL DETAILS



Height(H): H2100mm, H2000mm  
 Panel Width(W): 200...2000mm  
 Wire Mesh Size: 50x50mm  
 Post Tube Size: 50x50x2mm  
 Door Frame Tube Size: 25mm  
 Standard Colour: Post RAL1018   
 Panel RAL9005 

Panels and posts can be supplied in other colour of choice.



Watch the product video by scanning the QR Code





**MODULAR CABIN SYSTEM TYPE-1  
(WITH ALUMINUM PROFILE)**

These modular cabins are suitable for use in many areas of the industry. Therefore, instead of welded constructions, it is a fast, durable, economical cabinet solution. All details that you needed can be added.: Observation windows, door locks etc.

The cabin can be assembled by the Roldory team or reduce cost of cabin by assembling it yourself.

**GENERAL FEATURES**



**Observation Window Panel**  
Polycarbonate or plexi is used.



**Door**  
Supported with 20x20mm profiles.

**TECHNICAL DETAILS**

Sheet Metal Thickness: 1.2mm ,1.5mm, 2mm

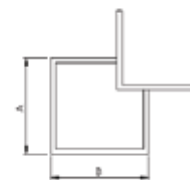
Cabin Size (HxWxL): max 3 x 6 x 6m

A : 40mm, 50mm

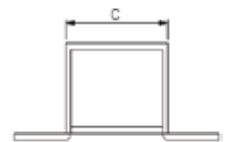
B : 40mm, 50mm

C : 40mm, 50mm

Colour : Aluminum profiles are matt anodized coating.  
Panels can be painted in other colour of choice.



**Corner Profile**



**Supporting Profile**



**Standard Door Lock Type**

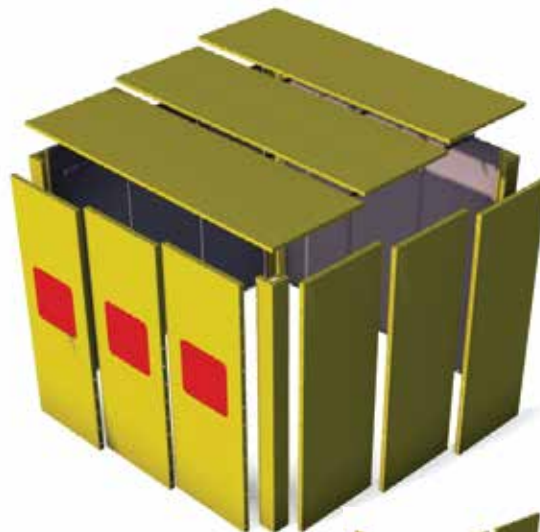
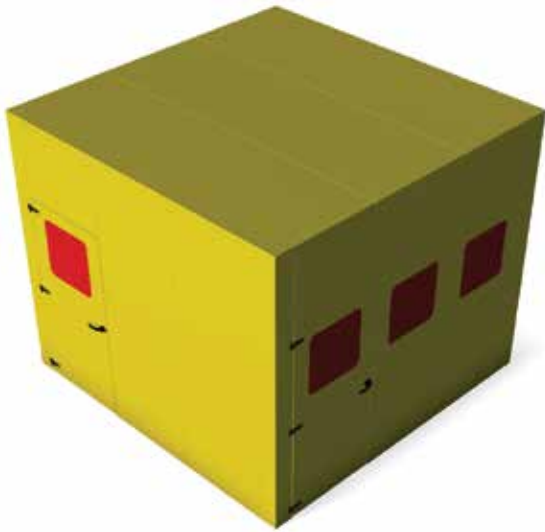
**Door Lock Options:**

The doors are sent with Roldory plastic body locks as standard. Connection points can be prepared for different switch and lock models. Specify the lock model when ordering. (Leuze, Euchner etc.)



**Corner Connection Part**

## MODULAR CABIN SYSTEM TYPE-2 (WITHOUT ALUMINUM FRAME)



### ALL IN ONE SOLUTION

- Hinges, Locks
- Plexiglass or Polycarbonate Observation Windows
- If it will be mounted on a steel base, mounting brackets are sent
- All fasteners (bolt, nut etc.)
- Assembly instructions



### FAST

- It saves time in design and manufacturing because standard products are used.



### MODULAR CONSTRUCTION

- Easy Installation
- Support of Spare Parts

## GENERAL FEATURES



### Observation Window Panel

Polycarbonate or plexiglass is used for window's material. Specify plexiglass color when ordering.



### Door

Supported With 20x20mm profiles.

### Door Lock Options

The doors are sent with Roldory plastic body locks as standard. Connection points can be prepared for different switch and lock models. Specify the lock model when ordering. (Leuze, Euchner etc.)

## TECHNICAL DETAILS

Panel Material	Steel Sheet Metal Stainless Steel
Sheet Metal Thickness:	1.2 mm 1.5 mm 2 mm
Cabin Size (HXWXL):	max 2.9 x 2.9 x 4m
Cabin Colour :	Cabins can be supplied in colour of choice.



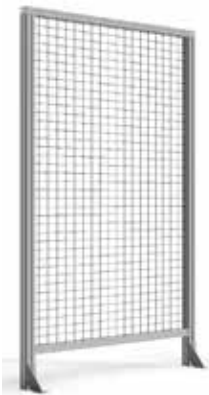
You can design a custom cabin  
 click on **CABIN CONFIGURATOR**  
 on [www.roldory.com](http://www.roldory.com)



**ALUMINUM PROFILE PANEL-FIXED**

Roldory aluminum profile panel series offers safe, durable, fast and flexible solutions for machine protection applications. It has a wide range of modular aluminum panels that can be adapted to any project. Polycarbonate panels, mesh panels, MDF panels or combinations of these panels can be used for machine guarding or separate room partitioning.

**PANELS**



**Wire Mesh Panel**



**Transparent Panel**



**Mixed Types**

MDF + Polycarbonate  
MDF + Polycarbonate

**DOORS**



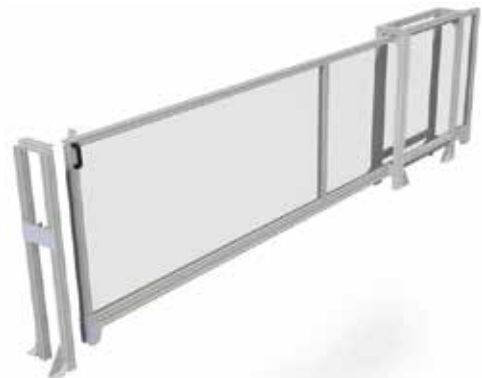
**Hinged Doors**

Single Hinged 500-1000mm  
Double Hinged 1000-2000mm



**Sliding Door**

500-1000mm



**Sliding Door Without Rail**

Manufactured up to 3m.



**TECHNICAL DETAILS**

Height(H): 1400, 2000mm  
Panel Width(W): For H1400 max 2000mm  
For H2000 max 1000mm

It can also be produced in different sizes according to the project.  
Profile Size: 45x45mm, 40x40mm, 30x30mm  
Polycarbonate Thickness: 3mm, 5mm  
Wire Mesh Size: 50x50mm, 100x20mm  
Mdf Thickness: 8mm, 5mm

## MODULAR MOBILE ALUMINUM PANEL SERIES



### T Series (Wheel with brake)



### S Series (Plastic Articulated Feet)



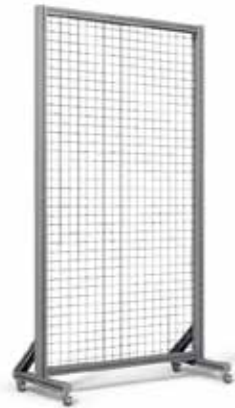
### MOBILE, QUICK MOUNTING PANELS

Mobile or permanent safe areas can be set-up. When not in use, panels can be stored in a small space.

## PANELS



**Mobile Transparent Panel**  
(Polycarbonate or Plexiglass is used.)



**Mobile Wire Mesh Panel**



**Mobile Mixed Types**  
MDF + Polycarbonate  
MDF + Wire Mesh



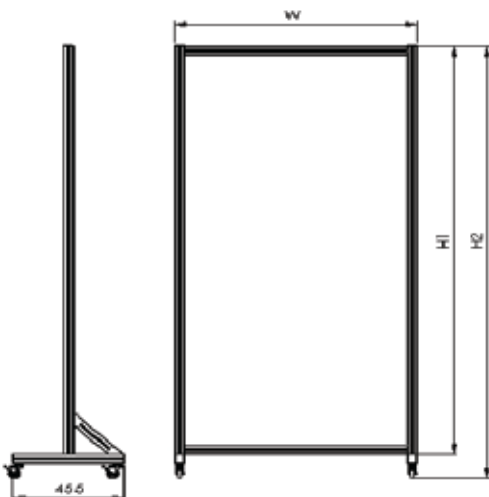
**Mobile Hinged Door**  
(600-1000mm)

## TECHNICAL DETAILS

Height: H1: 2000mm  
H2: 2115mm

Panel Width(W): 400-1000mm  
It can also be produced in different sizes according to the project.

Profile Size: 45x45mm  
Polycarbonate Thickness: 3mm, 5mm  
Plexiglass Thickness: 2.8mm  
Wire Mesh Size: 50x50mm, 100x20mm  
MDF Thickness: 8mm, 5mm



### Connection Brackets

Panels can be assembled quickly and easily with the connection parts.



Watch the product video by scanning the QR Code





**SHEET METAL PANELS**

Roldory sheet metal panels are used in welding applications and place where there is a risk of liquid splash. Roldory sheet metal panels are very durable due to the support of 1.5 mm thick sheet steel with a 20x20 mm profile frame. Transparent, colored polycarbonate or plexi observation windows can be added to the panels. Special red transparent plexiglasses are used to prevent harmful UV rays at welding manufacturing areas. Observation windows can be made in desired dimension. They are connected to the panels with gasket without using any bolts.

**GENERAL FEATURES**

**DOORS**



Bended sheet metal is welded on profile frame.



**Observation Window**  
(Polycarbonate or plexi-glass used)

**Strong Post Base Structure**



**Hinged Doors**

Single Hinged 500-1000mm  
Double Hinged 1000-2000mm

**Sliding Door**

500-1000mm

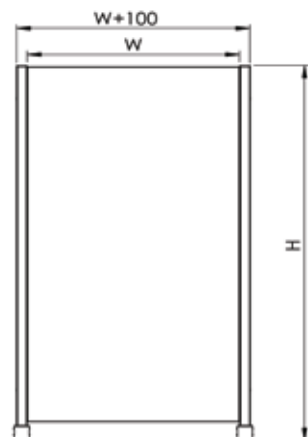


**Standard Lock Type**

**Door Lock Options:**

The doors are sent with Roldory plastic body locks as standard. Connection points can be prepared for different switch and lock models. Specify the lock model when ordering. (Leuze, Euchner etc.)



**TECHNICAL DETAILS**



Height(H): 2000mm  
Panel Width(W): 200, 300, 500, 600, 800, 1000mm

It can also be produced in different sizes according to the project.

Sheet Metal Thickness: 1.2mm, 1.5mm, 2mm  
Post Tube Size: 50x50x2mm  
Panel Profile Size: 20mm

Standard Colour:  
Panel RAL1018   
Post RAL9005 

Panels and posts can be supplied in other colour of choice.



**Download 3D CAD files**  
on [www.roldory.com](http://www.roldory.com)



Watch the product video by scanning the QR Code



## MODULAR BARRIER SYSTEMS

Modular barrier systems offer fast installation and flexible solutions. It can be completely disassembled, relocated, reusable. If required, the horizontal profiles can be cut and shortened in desired lengths. It provides safety around the equipment in separating pedestrian paths in the factory, separating forklift roads.

## GENERAL FEATURES



### SELF-CLOSING SAFETY GATE

Thanks to the spring mechanism, it closes automatically after entrance.



### POST STRUCTURE WITH ADJUSTABLE HEIGHT

The posts are made of 50x50 steel tube and the height can be adjusted thanks to the modular post structure.



### MODULAR BOTTOM BAR

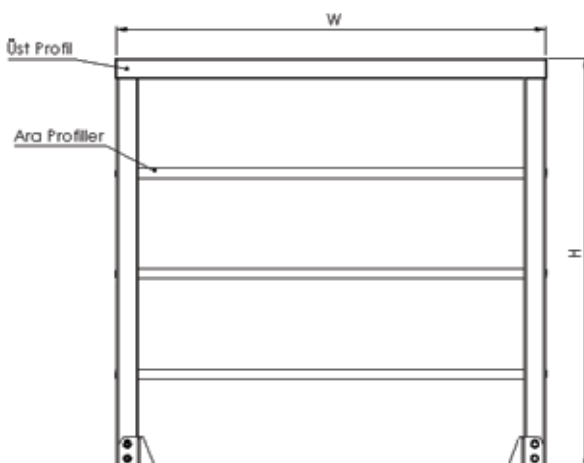
The distance under the door can be narrowed with the modular bottom bar.





### GROUND PLATE

When the poles are not desired to be fixed to the ground, ground plates can be mounted under the post bases.

## TECHNICAL DETAILS



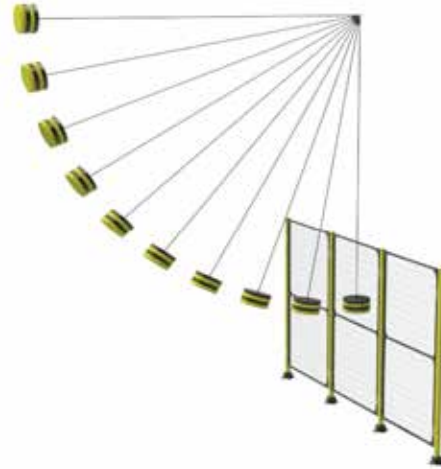
Width(W)	max. 1.5 m ( Distance between posts)
Height(H):	1 m
It can also be produced in different sizes according to the project.	
Post Tube Sizes:	50x50 mm
Top Profile Size:	50x50 mm
Support Tube Size:	D25 mm
Colour:	Posts RAL1018 
	Post Bases RAL9005 
Panels and posts can be supplied in other colour of choice.	



Watch the product video by scanning the QR Code



**CERTIFICATES**



1600 J Impact Test



ELEGANCE FENCE SERIES EN ISO 12100:2010, EN ISO14120:2015, 2006/42/EC Machinery Safety Directive

**REFERENCES**



