

# YOUNDA INTERNATIONAL



Made in Korea

Production development plan in (I.R.Iran Middle East – Hungary (EU))

## Product

The YOUNDA MOVABLE BALCONY (YBM) is an innovative window that morphs magically into a balcony within 55 seconds. It offers the user a flexible living environment. By opening the window frame, it is possible to walk out through the facade and enjoy outdoor space. The (YBM) window can be operated automatically with a single push of a button. The user will add light, air and space, providing him with a genuine outdoor feeling.

The YOUNDA MOVABLE BALCONY (YBM) window is playing an essential role in the positive evolution of our cities.

## Specifications

Younda Korea is responsible for the thorough engineering of the our products window. It has outstanding performances on the field of safety, construction, building physics and user friendliness.

## Dimensions

The Younda movable balcony (YMB) is available in the following dimensions:



**Dimension L**

1700mm (width) x 2400mm



**Dimension XL**

2300mm (width) x 2400mm (height)



**Dimension XXL**

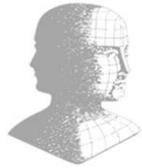
3000mm (width) x 2400mm (height)

## Application

The Younda movable balcony (YMB) window can be applied in renovations and new construction on every scale. It is suitable for private homes, apartment buildings, offices, hotels and cruise ships. For specific application in your project please contact the engineering team of Younda Japan and Korea.

## Award design and standard certifications

During the intense period of engineering the YMB window has been awarded with several international design awards.



**Winner Janus Award Paris**



**KS 9001 , ISO A9001 , CE**

## FAQ

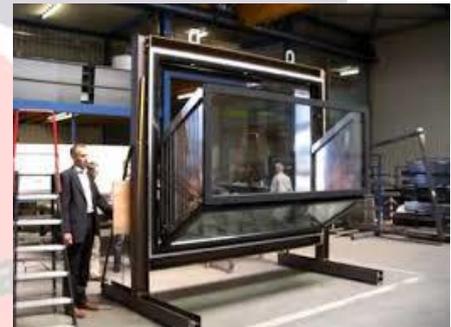
### In which size can the YMB window be produced?

The YMB window is available in the following dimensions:

1700mm (width) x 2400mm (height)

2300mm (width) x 2400mm (height)

3000mm (width) x 2400mm (height)



### What is the net surface of the balcony?

The net surface of the floor part is 3 m<sup>2</sup> for a YMB window of a maximum size (3000×2400 mm)

### Can you increase the deepness of the balcony until net 1,5m?

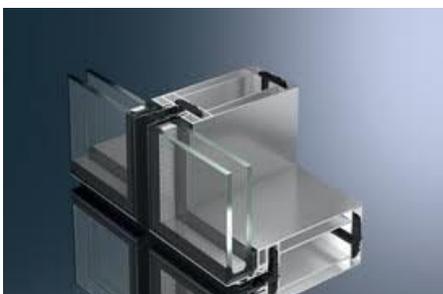
The standard depth of the balcony is 1050 mm. It is not possible to increase the deepness.

### What is the height of the fence?

Fence dimensions from the surface of the glazed floor of the balcony to the top of the balustrade is around 1218mm. The total height of the balustrade alone is 1222mm

### How do you avoid the danger of blocking/trapping?

The YMB window provides a slow opening of approximated 60 seconds. Both hands of the user are required during the opening and closing process. It is mandatory to wait until the YMB window is fully open before stepping onto the floor.



### **In case of rain in an open position how will the water be evacuated?**

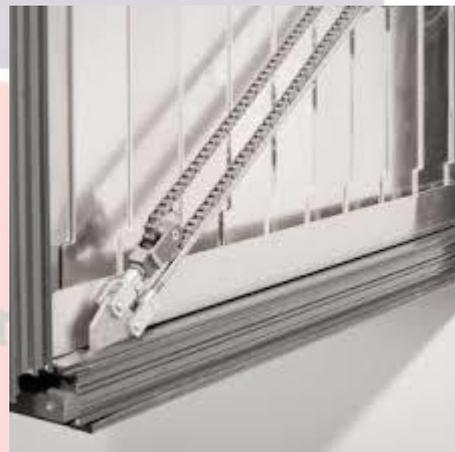
When closed, the YMB window has the same properties as a window. The YMB window position is primarily used in good weather conditions and it is imperative to close it when rain appears. During the closure process, the remaining water on the glass surface will not leak to indoor space. Indeed, the YMB window window threshold is equipped with a small gutter which deflects the runoff towards the drainage holes for the drainage of water outdoor.

### **How is the control in case of power failure?**

The YMB window works with a tubular motor that is positioned horizontally above the upper crosspiece of the YMB window (in the inside of the house, behind a protective cover). This motor is controlled by an electronic system especially developed for the YMB window. It has a manual emergency override system to open or close the YMB window in case of power failure.

### **Accessibility for disabled?**

The YMB window electronic control system can be installed at the height specified for disabled (maximum of 1300mm from the floor). As you can see on the attached installation document, an accessibility threshold is provided.



### **What is the period of protection against fire transfer between apartments?**

The YMB window in closed position provides the same protection than a standard window. If a guaranteed period of protection against fire is needed, it can be studied as an option.

### **Which regulations are the basis for the constructive performances?**

The basis of the constructive performances is Eurocode 8

### **Is the slippery of the glass floor taken into account? Is the resistance/slippery of the floor according regulations?**

The glazing is not considered as a standard floor. Anti-slipping alternatives such as screen printed glazing and adhesives tapes can be provided.

### **If we make the purchase, which the delivery and installation?**

Younda Korea (an Arconic company) sells the product ready to be installed, but does not provide the installation services. Regardless, Younda Korea provides all the necessary information and plans to the installer. The Technical Service of Younda Korea would be in direct contact with the installer to

provide all required information at any given moment of the process. Depending on the city, we can even recommend certified installers that can help you with your project. As per the delivery, Younda Korea can provide this service if it is of your interest, and we can transport the product to your location.

## Contact

**Younda international groups.**

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