

GLASS ROLL



Description

The GLASS ROLL is a four sectors revolving door completely glass manufactured. Everything is transparent, light and elegant. It fits perfectly the latest architectural philosophies in which the mix of steel / glass plays a decisive role.

It's a circular base structure that is installed in support of the existing floor, avoiding any work of built-in installation.

The central rotor is realized in glass with security profiles to guarantee a less thermal exchange between the internal and external area.

The technology used for the rotation of the shutters, is the result of thirty years of experience acquired by Saima Siurezza with the production of thousands of models. The positioning of the motor at the top of the door, avoids having to build in during the installation phase. Therefore it does not require the use of additional mats and floors, providing smoothness and pleasant use.

The Glass Roll can be installed in hotels, offices, airports, railway stations, hospitals, malls underground stations etc.

Technical Features

Electrical System

Power supply: 220 V +/- 10%, 50 Hz.

Maximum power: 400 W.

Operating temperature: -10°C to 55°C.

Curved Side walls in glass plates 19/21 mm thick.

Concealment in two sectors made of coated steel sheets of stainless steel AISI 304, glossy finish with integrated spotlights for lighting and a central hub for rotation.

Central rotating turnstile built with 4 glass shutters 12 mm thick, attached to the floor on the central rotating hub.

Seals made of plastic and brushes placed on all 4 sides, compliant with the safety regulations of the European Union for an excellent air-tightness at all shutter positions.

The motorization is located on the portal roof, it has a very small size with a safety lock, when closing a low-voltage power is regulated by a control system that ensures the control of the motor torque, keeping it within the set values.

Built-in sensors for opening doors.

Emergency stop button.

Key door lock control.

Active sensitive rubber edges located on the sides of the entrance passage gate, to lock the rotating turnstile safely.

Mechanical safety lock for closure at night.

Machinery directive reference standards: (89/392/EEC) (89/336/EEC) (73/23/EEC).

Dimensions

External width: 1700 - 2600 mm

Height: 2420 - 2600 mm

Clear opening: 900 - 1800 mm

