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REVOLVING GLASS DOORS



- MANUALLY OPERATED
- ELECTRICALLY OPERATED

INnovationAL Solutions

revolving glass door manual operated

The main entrance of a building is one of the most important points in this. Is the meeting point of the people who want to come to you, so they have to go through a functional, safe and aesthetically beautiful entrance to welcome them in the building.

Inal® revolving doors are ideal for entrances, made from high quality materials with attention to operating details, to give an identity to a building entrance.

technical specifications

INAL® revolving doors are available in a variety of types, dimensions and finishing, made from aluminum & glass, Ral powder coated or decorated with stainless steel for a luxurious look. Are equipped with collapsible doors sets mechanism for the easy access of large objects, for the ventilation of space, or for a faster pass entrance. Also night locking options are provided to secure the entrance and keep safe the building.

types

- **T3** : 3 Revolving door wings panels
- **T4**: 4 Revolving door wings panels
- **T3N & T4N** are equipped with external sliding panels for closing the entrance and safely night locking.

dimensions

The internal diameter of INAL® revolving start from D: 2000 mm, **STANDARD** Model and the scale increases per 250 mm up to 4000 mm internal diameter for **JUMBO** size doors. Upon request we can manufacture the door according to the opening size up to 6000 mm internal diameter which is **GIANT** size INAL® revolving door.

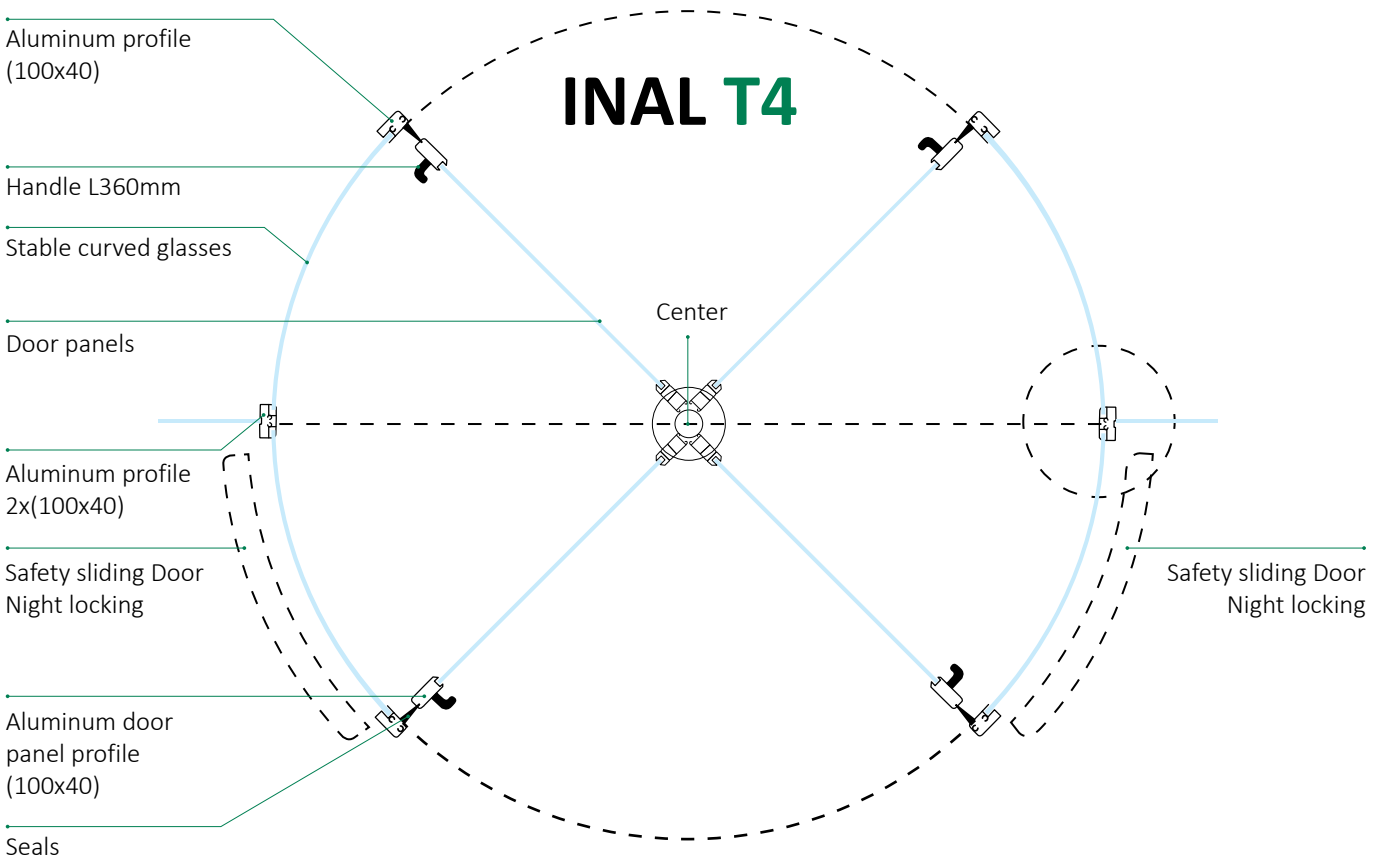
- **STANDARD** Model
Internal diameter: D 2000 mm
External diameter: D 2080 mm
Internal height: 2200 mm
External height: 2500 mm
- **JUMBO** Model
Internal diameter: D 3000 mm, D 3500 mm,
D 4000 mm
- **GIANT** Model
Internal diameter: D 6000 mm
- **Upon Request**
Internal diameter: scale increase per 250 mm



STANDARD EQUIPEMENT

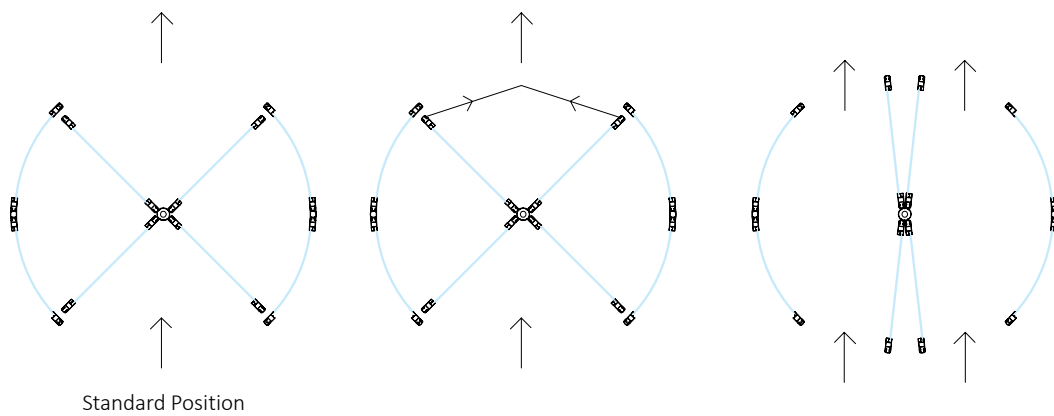
- Ceiling Lighting
- Black Aluminum Handles
- Lock
- Weather Proofing Brush
- RAL Standard Color

upper view



BRAKE SYSTEM FOR SYSTEMS WITH 4 PANELS

Collapsible door set mechanism



product details

INAL[®] Revolving doors are made from high quality materials to provide long term operation, to be functional and offer continuously a safe and welcoming entrance for many years.

1. ROOF

The internal skeleton is manufactured from galvanized steel combined with aluminum profiles 2,5 mm thickness. On the external side is assembled a decorative aluminum.

2. FIX CURVED PANELS

The Frames are made from aluminum profiles (100mm x40mm) assembled with 10 mm thickness curved safety glass. Specially designed parts are provided for quick & easy installation.

3. CENTER

The center is the "heart" of the revolving door, since it has to be functional without miss functions for many years. It revolves upon two high quality ball bearings and is equipped with collapsible doors set mechanism for rapid bifold if necessary. The 4 door

-wings- are made from aluminum profiles (100mm x 40mm) which are framing the 10 mm thickness tempered glass (EN 12150). Each panel has a 360 mm length aluminum handle and one panel has a special lock – espagnolette with security cylinder which activate the upper and lower locking bolts. Special seals and brushes are providing weather proofing and protection to the entrance.

4. NIGHT LOCKING - SAFETY SLIDING DOORS.

INAL[®] Revolving doors can be equipped with curved sliding panels for extra security and safely night locking. Aluminum frames are assembled with curved aluminum panels. Special designed parts are combined with curved sliding top rail (dust free technology) and high quality rollers for smooth and long lasting performance. A securing lock which is installed at the internal side provide the maximum security during night.

revolving glass door electrically operated



Operation of INAL[®] Revolving doors can be motorized and be in motion for easy entrance and control of the door. A special designed mechanism conveys the motion from the motor to the door wings and at the same time ensures the interruption of the movement in case of an accidental blocking. The door is equipped with a frequency Controller (SINUS INVERTER N TYPE), motion detectors and operation safety devices such as Compressible Safety Buffer Rails and Emergency Stop Buttons for immediate shut down if necessary. Functionality, Quality and Safety for the people is provided from INAL[®] revolving door for building entrances.

STANDARD EQUIPEMENT

- Motor and Door Controller
- Frequency Controller (SINUS INVERTER-N TYPE)
- Motion Detectors
- Compressible Safety Buffer Rail
- Emergency Stop Button

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