



Pass-O-Mat Entrance Gate

Entrance Gate for internal Installation

The Gunnebo Pass-O-Mat Entrance Gate is a unidirectional motorised swing gate originally designed for access control and customer guidance in retail outlets. It is also a valuable and cost-effective entrance solution used for disabled and trolley access or exists in security installations alongside tripod turnstiles or other products.

It is available in Right Hand, Left Hand or Double configurations available with standard arm length or extra arm length of 1200mm as an option.

Made of stainless 304 grinding finish (POM C0 version only available) the Pass-O-Mat provides the same Gunnebo finishing casework as the Gunnebo tripod providing a perfect match.

The Pass-O-Mat Entrance Gate is equipped with an anti-panic device: pushing over a due force (approximately over 110N) the swing gate disengages to create a free exit in both directions.

The Pass-O-Mat Entrance Gate also includes a push button control for operating the unit and by default is provided with white infill with arrow sign on the opening side and no-entry sign on the opposite side. Other signage options are also available.

Normally closed, opens upon a signal and closes again after an adjustable period (0 to 15 sec).



Pass-O-Mat Entrance Gate

Technical Specifications

Drive

Motorised

Materials

Casework: Stainless Steel AISI 304 (1.4301 as for EN10088-1),
Scotch-Brite™ finished

Swing arms: Anodised aluminium

Mechanism

The motor and mechanism is housed in the central casework

- The swing arm is moved by a 230Vac motor coupled with a mechanism equipped with an anti-panic device that enables the manual opening over a calibrated force applied at (110N)
- All models are equipped with a belt transmission system that decouples the arm from the mechanism when it encounters an obstacle

Power Failure / Fire Alarm

In the event of power failure the passageway operates as follows:

- If the swing arm is closed it remains closed and can be opened only manually via the anti-panic mechanism pushing the swing arm
- If the swing arm is not closed it remains free until closed, then if closed the above case applies

Interface

The PAS15 control logic offers:

- Anti-panic signal to inform when the gate is forced open (acoustic signal)
- Status of the gate (open-close) signal; two relays dry contact (NC/NO configurable by jumper);
- Open signal to command swing gate to open
- Adjustable closing time-out (0 to 15 sec)
- Opening/closing counter output (NPN open collector)

TECHNICAL DATA

- Power Supply 230VAC 50Hz
- Power Rating 64 VA 45 Watts Peak
28VA 20 Watts Standby (in closed position)
- Operating Temperature: +5 to 35°C
- IP Rating / MCBF/ MTTR: IP20 / MCBF 0.8M cycles / less than 30 min
- Flow Rates (approximate figures)
 - Push button-insertion Type Reader: 10 passages per minute
 - Swipe Type Reader: 15 passages per minute
 - Proximity Reader: 20 passages per minute

MODELS

- Left Hand
- Right Hand
- Double

OPTIONS

- Green arrow adhesive*
- disabled access adhesive*

*to be placed on white infill

BENEFITS

- Cost-effective
- Disabled and Trolley Access
- Anti-panic push opening
- Finish matches with Tripod range

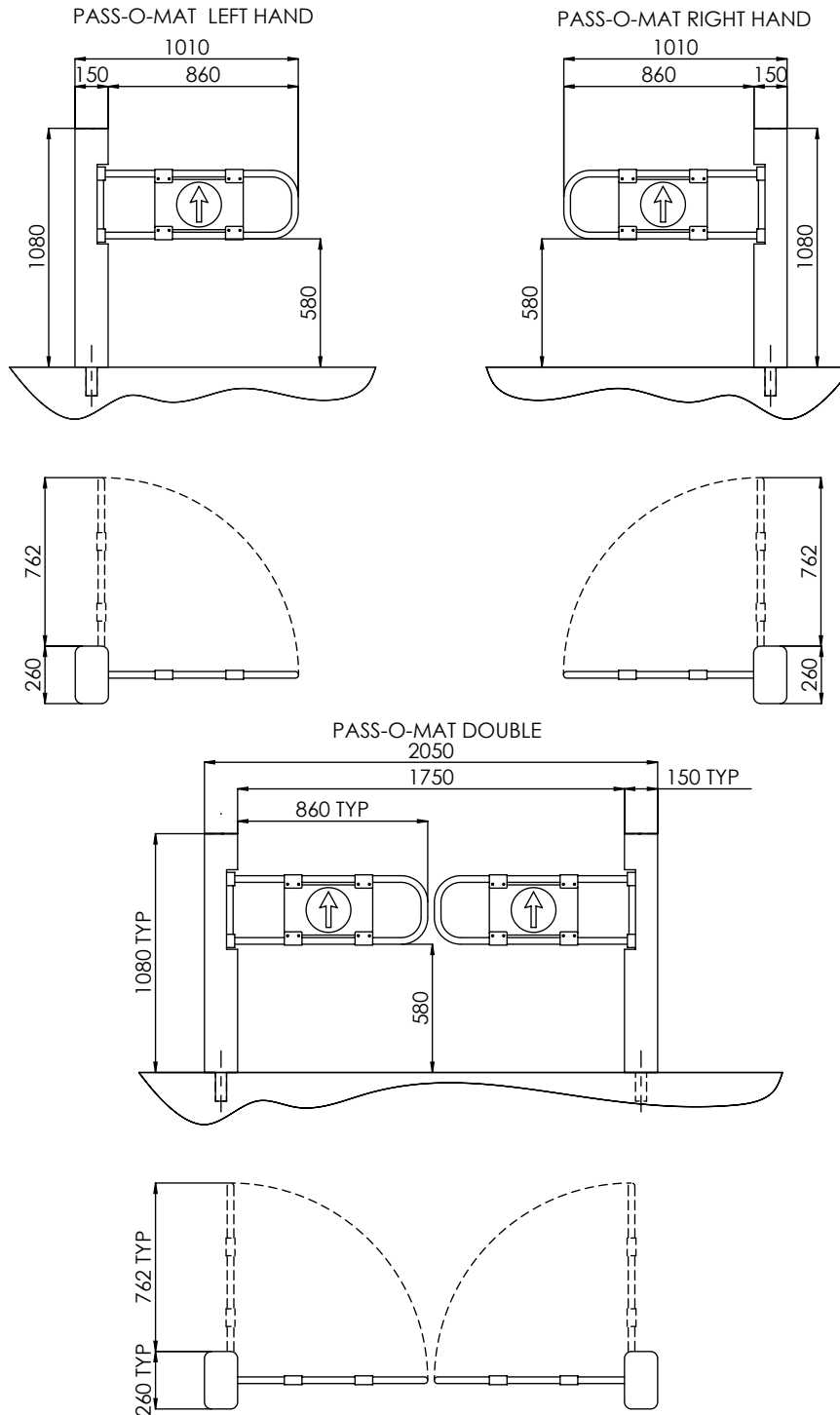
APPLICATIONS

- Public Areas
- Fitness Centres
- Leisure Centres
- Health Clubs
- Museums
- Industrial Sites
- Public Toilet Access

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SITE PREPARATION

Product delivered fully assembled and may require lifting equipment. Approx. weight: 25kg (Left or Right Hand)
(For installation details, please refer to the proper installation layout drawings)



Concrete Base to specification at least (cube) 300N/mm² of resistance. Base to be flat and level to +/- 5mm over footprint area. Dimensions to be > 700 x 500 x 150 deep min (units in mm).

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IMPORTANT

- Any horizontal pipe or conduit running below the Pass-O-Mat Entrance Gate must be at least 140mm below FFL
- Metal conduit for cables should be raised at least 50mm from foundation
- It is the customer's responsibility to ensure the structural integrity and strength of the installation location
- The dimensions given in this Product Data Sheet are for information only. In order to prepare the installation site, please refer to your usual Gunnebo Customer Service contact

For further information please contact:

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