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MIO – TEKNO 450 High Speed Roll-up Door

Overview

Recommended as a reliable general-purpose High Speed Door for traffic flow areas on busy sites. The MIO - Tekno 450 is robust, very competitively priced and comes with a twin-moulded polyester fabric curtain reinforced by steel tubes.

Although Rated to UNI EN 12424 Class 1 (External), this door is primarily used where it is not exposed to any degree of wind nor negative/positive pressures.

The curtain is available in a choice of over twenty colours.

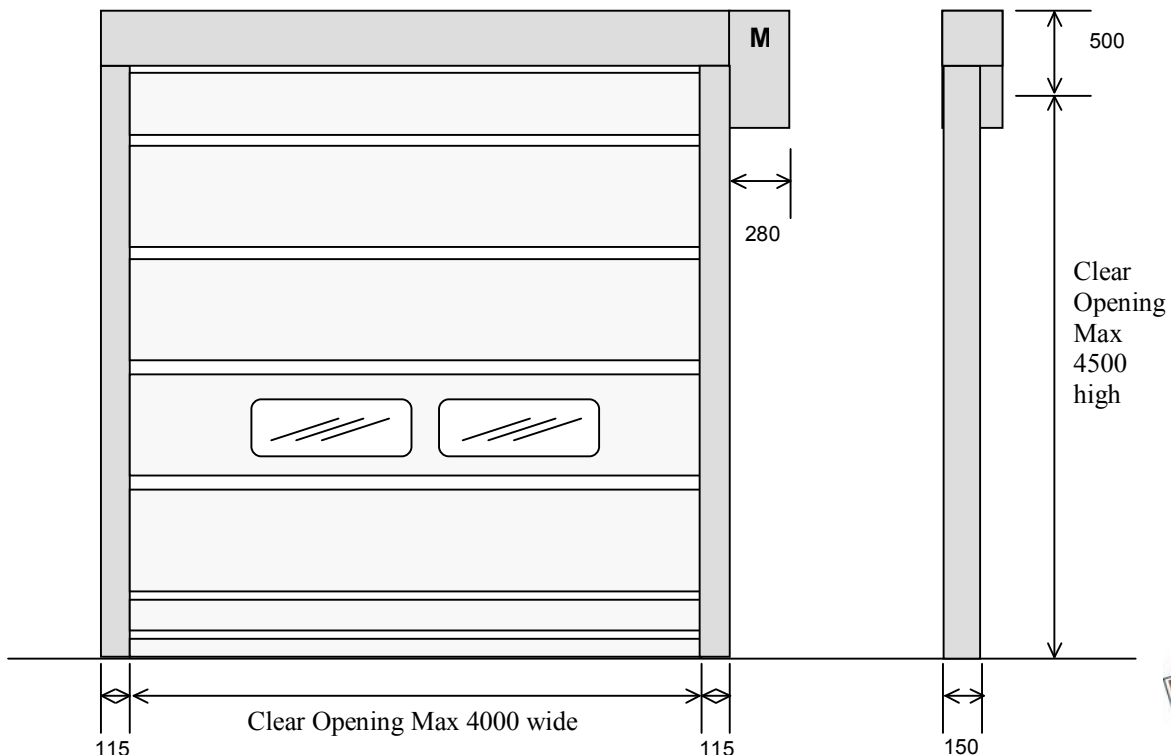
The door has two sets of safety photocells and an electro-optical safety edge as standard.

A full range of opening systems, Loops, Radar, Radio Control, etc. are available.



Picture shows MIO – Tekno 450 with three optional windows rows. The MIO – Tekno 450 comes with one row as standard.

Dimension



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Motor

- **Motor assembly**
Three-phase self-braking assembly powered by 220/380 V, with power ratings 0.5 kW. Comes with safety heat detector. Electromagnetic lock brake. Irreversible gear-motor, worm screw type, directly driven by drive shaft. Cam limit-switch assembly
- **Opening/Closing Speed**
0.8 m/sec.

Curtain

- **Flexible curtain**
Made from trevira-type twin-moulded polyester fabric, self-extinguishing Class 2, with pockets for strengthening tubes. Curtains available in a selection of colours. One row of transparent PVC windows for safety and interior lighting. Optional Additional rows of windows.
- **Sliding mechanism**
Ultra-silent sliding mechanism, featuring lateral guides with twin rubber seal guides.

Safety Device

- **Bottom Safety Edge**
Electro-optical System interrupts door descent and ensures door reopening in the presence of obstacles in the doorway.
- **Safety photocells**
Two Pairs of transmitter/receiver type UNI 8612 compliant; stops downward movement of the door and returns it to the open position should any obstacle be detected by the threshold beam.
- **Accidental fall down lock**
Given by irreversible gear-motor, it prevents the falling of the curtain in the case of malfunction.
- **Emergency Opening**
In the event of power failure or malfunction, lifting of the door is by brake release and a snap insertion manual wind, both at user-height.

Control Box/Board

- **Overview**
On the Standard control box is an up push button and an emergency push/lock button. On the Plus control box is a lockable power switch, up and down push buttons, emergency push/lock button, and an automatic/manual selector. The box itself is a robust enclosure (protection degree IP 55, in compliance with updated CEE/CEI 44/5 and DIN standards). IP 65 compliant push-button board. The solid-state microprocessor digital electronic instrument panel affords easy programming and rapid replacement operations in the event of faults, and also ensures interfacing with remote controls and timer programming. A self-diagnostic circuit detects and indicates malfunctioning by means of dedicated LED lamps. The board also features a safety heat detector.

Opening Devices

A full range of remote controls are available e.g. mono/stereo radar, pushbuttons, radio control, induction loop system, pull cord, etc.

Warranty

The manufacturer gives a standard warranty of 12 months from delivery date on every product.

Product compliant with EC Directive 89 / 392 and new EN 13241-1.