

MIO – TEKNO Series 450 & 860 High Speed Doors

The Tekno Series Doors are particularly recommended for transit areas on large industrial and commercial sites.

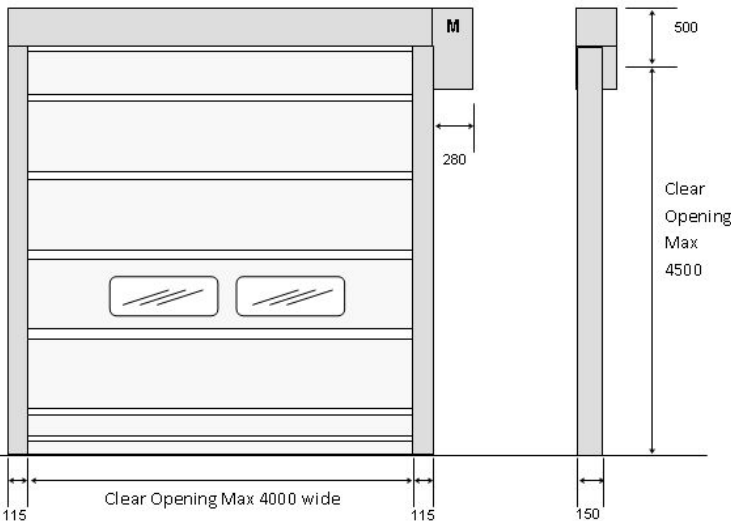
Steel tubes reinforce the twin-moulded polyester fabric curtain. These particular models are the general “workhorses” of our range, used for both internal and external applications. Rated to Wind Load UNI EN 12424 CLASS 1 (standard External Rating), this information is on the Door CE plate, as required by New Regulations.

As with all our range of products, a wide variety of extras/options are available. A full range of opening systems - Loops, Radar, Radio Control, etc. are available. As standard, all doors in our comprehensive range come with two sets of safety photocells and an opto-electronic Bottom Safety Edge.

Tekno 450 – Roll-up – Max 4000w x 4500h



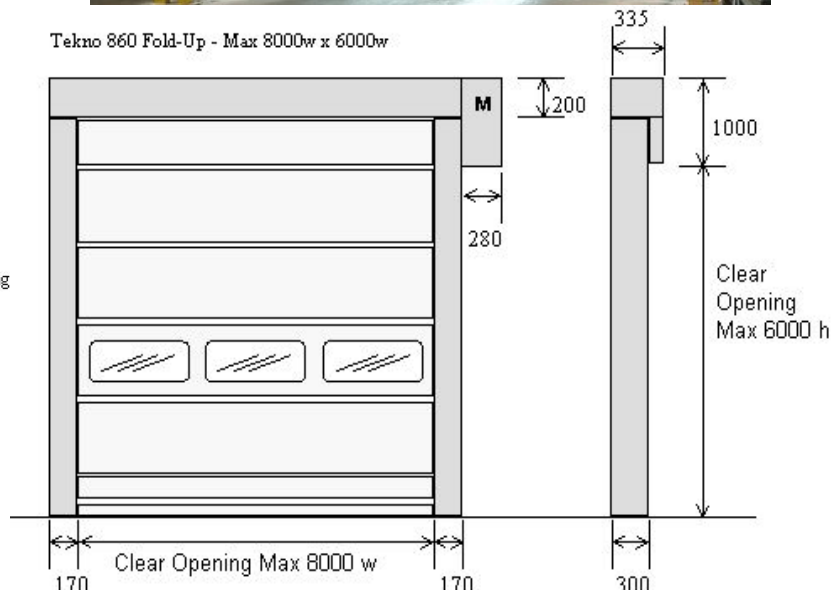
Tekno 450 Roll-up - Max 4000w x 4500h



Tekno 860 – Fold-up – Max 8000w x 6000h



Tekno 860 Fold-Up - Max 8000w x 6000h



Tekno Series Standard Package includes:

- Self-supporting Galvanised Structure with Hood and Motor Cover
- One row of Vision Windows
- Manual emergency opening by pull cord and rod at ground level
- Standard Control Panel IP55 (Up Button & Red Stop/Emergency Button)

- Two pairs of Safety Photocells (IP55)
- Bottom Safety Edge
- Wind Load (New regulation) UNI EN 12424 Class 1 (External Rating)
- Wiring Installation Kit (Conduit & Cable)



Motor

- **Motor assembly**
Three-phase self-braking assembly - 220/380 V. 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.