



E30 / E60 / E90 / E120 FIRE PROOF SERIES INDUSTRIAL FOLDING DOOR SYSTEMS

PRODUCT CODE : E-FD-8200

MADOORS SYSTEM FOLDING HANGAR DOOR SYSTEMS



**MADOORS
AUTOMATIC & MANUAL
SLIDING FOLDING DOORS**



2 YEARS WARRANTY

FAST AND RELIABLE DOORS

The Leader of Door Systems in Turkey

Advanced Technology Engineering Company

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TURKEY'S FIRST FOLDING DOOR MANUFACTURER - DOMESTIC CAPITAL - 2 YEARS WARRANTY



SIDE FOLDING AUTOMATIC HANGAR DOORS

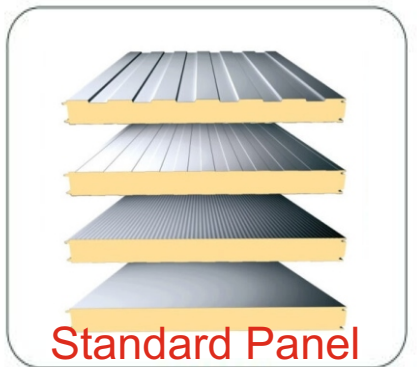
Side-folding motorized automatic hangar doors can close a very large passage area as a place of use, besides, they require a very short distance when folded, regardless of the length they cover, and they are designed to provide both dust and air insulation from the outside. Sometimes it can even be the entire facade of a building that it has closed.

Therefore, it is possible to choose the material that can adapt to the building facade as the hangar door closing panel. Hangar doors are perfect with both security and static calculations and requires higher engineering education. Aiming for perfection is the key to being in service in the aviation industry, where the highest standards and zero error are demanded.

- Manufacturing options in desired dimensions
- Automatic and manual type folding side folding doors
- Possibility of manufacturing with the desired color and facade cladding systems
- Fire resistant special door panels
- Fire resistant viewing glasses
- Fire resistant engine and panel system



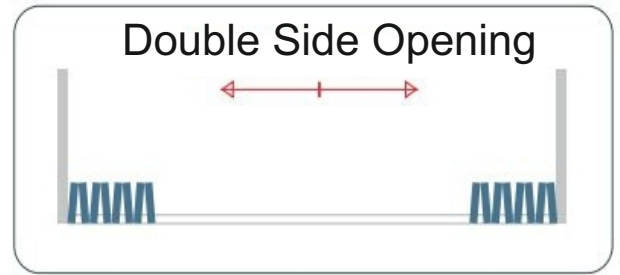
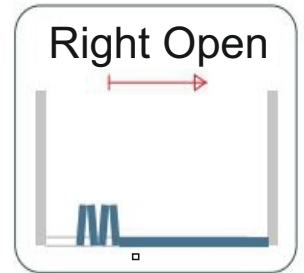
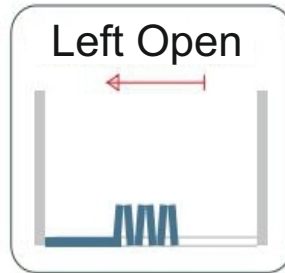
Panel Types



Fire Rated Certificate



Application Options



FOLDING DOOR TECHNICAL SPECIFICATIONS

Brand : MADOORS E-FD-8200

Description: E-FD-8200 AUTOMATIC FOLDING HANGAR DOOR

Motor : Siemens Motor Two pieces with magnetic brake are used.

Operating Voltage: 380 Vac. 1.1/2.2/4 KW

Gearbox: Italian Gearbox (MN series) is used

Synchronization: The motors are synchronized with the gears connected to them.

Working Method: Opening to the right and left from both sides using double motor, opening only to the right or to the left only

Working Speed: 10-12 m/min

Wind Resistance: 140 km/h

Control Unit: PLC controlled, Special design protection class IP 65 sheet metal cabinet.

Operation: Remote control, hard-wired button control (Open - Emergency Stop - Close) and Manual / Automatic selection switch and button locking feature.

Front Closing Limit: While the door is closing, when the front limit limiter reaches the closing point of the door, the switch is pressed and the door stops.

Side Opening Limit: When the door completes its opening, the rearmost panel pushes the rear mechanical limit bar up and the door stops at the opening limit.

Side Guides: It is specially designed to increase strength and resistance from 10 to 15 mm thick sheet metal.

Brake Rail: It is produced as special aluminum (T-Ray) with 15 mm wall thickness.

Inner Carcass: Inner carrier trusses are made of box profile. Profile dimensions are determined according to the size of the door.

Door Panel Assembly: It is done by fixing the specially designed mechanical parts on the steel profiles with smart punch screws.

Door Panel Color: RAL 9002 WHITE or RAL codes specific to our customers

Metal Parts Color: RAL 9002 WHITE or RAL codes specific to our customers

Side Sealing: As a result of the special rubber wick coming into contact with the door panel surface on both sides of the guides, the sealing is minimized.

Bottom Sealing: As a result of contact with the special rubber floor mounted on the lower carrier scissors, the sealing is minimized.

Wing and Wing break safety: Mechanically working gear cams on both sides of the sub-carrier scissors are attached to the aluminum rail in case the rope breaks. It prevents the door from falling by sinking and the lower limit emergency stop switches stop the engine.

Paint : Metal parts are painted with EPOXY primer and top coat paint in the desired RAL CODE color.

Warranty : It is guaranteed for 2 years (excluding natural disasters and misuse) against manufacturing and assembly faults. **Security:** Photocell protection safety sensor, Loop Detector, Pneumatic crash safety fuse

