

INDUSTRIAL | COMMERCIAL

FOUR-FOLD DOORS FOR HIGH TRAFFIC FACILITIES



Door Engineering F-Series Four-Fold Door Systems offer an unparalleled combination of long service life and low maintenance while providing high speed and high cycle operation. F-Series doors are ideal for Fire Stations, Police Stations, Detention Centers, Parking Facilities, Grain Elevators, Mass Transit Facilities and applications that require door systems designed to meet stringent operational requirements. F-Series doors are designed in standardized sizes and can also be customized for large openings and unique applications. The F-Series door panels fold completely clear of the opening and are visible by drivers during their entire operation, thereby eliminating costly damage to both the doors and vehicles.

SPEED

- ◆ Doors clear the opening at 24" per second, reducing waiting times, increasing traffic flow and saving energy

DURABILITY

- ◆ All operators and components are designed and tested for over 1 million cycles drastically reducing replacement and maintenance cost as compared to conventional sectional and coiling doors.

MAINTENANCE

- ◆ Typical preventative maintenance requirements are minimal. Visually inspect and lubricate on an annual basis.

CONSTRUCTION

- ◆ Door panels are constructed of a structural tube frame and 14 gauge sheeting formed around the vertical edges to provide a smooth aesthetic finish with no visible welds on the face of the panel
- ◆ Full perimeter weather seals keep out the elements and conserve energy
- ◆ Hinges are constructed with fully concealed bearings for high loads and a clean appearance and non-removable pins for high security

OPERATION

- ◆ Electro-mechanical and hydraulic units are available in overhead mounted, jamb mounted and low-headroom configurations to meet almost any opening layout

SAFETY

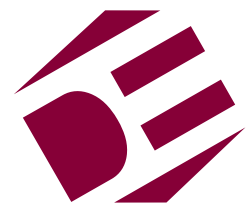
- ◆ Multi-directional contact electric safety edges are effective during the full travel of the door providing safety for both vehicles and pedestrians
- ◆ Control system is designed to accept a variety of additional safety devices including photo-eyes (standard), motion/presence detectors, and vehicle loop detectors.

SECURITY

- ◆ Operator automatically locks the door in the closed position and resist high loads and forced entry

DESIGN

- ◆ Door panels are available with glazing, grills, louvers, decorative panels and custom finishes to suit any customer's needs.



Door Engineering
and Manufacturing

"Securing the Future"

FF100 SERIES | FF200 SERIES | FF300 SERIES | FF400 SERIES

FF500 SERIES | FF600 SERIES | FF1000 SERIES

FOUR-FOLD DOORS



FF100 SERIES *SOLID SHEETED*



FF300 SERIES *GLAZED*



FF200 SERIES *GRILL INSERTS*



FF1000 SERIES *CUSTOM*



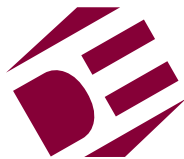
DOOR ENGINEERING SOLUTIONS

Door Engineering and Manufacturing has been offering industrial, commercial, fire rated, aviation and specialty door solutions for over 40 years. Door Engineering's complete door systems can meet even the most challenging and unique requirements. From standardized systems to custom designs, let Door Engineering and Manufacturing put their years of door system experience to work for you on your next project.



Standard 3 year warranty and optional 5 year warranty only from Door Engineering.

For product sheets, specifications, drawings and design assistance contact a Door Engineering technical product specialist today or visit Door Engineering on the Web at www.doorengineering.com. With Door Engineering's years of experience, it's easy to find the door system solution that's right for you!



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