



Engineering in Motion

HIGH-CYCLE HYDRAULIC FOUR FOLD DOORS FOR DUST CONTROL



A hydraulic four fold door is shown above in operation at a grain loading facility. Dependability, durability, high cycling, and low maintenance make Electric Power Door's hydraulic four fold door an excellent choice for controlling dust. Hydraulic b-fold doors are also available.

Control dust and contaminants when loading and off-loading grain

Four fold doors are engineered to meet your environmental and functional needs with a variety of options including automated controls, photo electric eyes, explosion-proof controls, and more.



Hydraulic bi-fold door in the open position.

Ideal doors for high frequency loading areas

- Designed for both truck and rail loading areas.
- Engineered to be opened and closed hundreds of times daily.
- Last more than 10 times that of conventional doors.
- Low headroom needed - 3 inches on smaller doors - 8 inches on 16-foot or larger doors.
- Operate at two feet per second. Horizontal movement keeps door always in driver's view.
- Low maintenance requirements.
- Doors can be mounted on interior or exterior wall. (Jamb mounted hydraulic actuators).

Durable - high cycle

- Hydraulic four fold doors will operate more than a million cycles under normal operating conditions without requiring operator replacement.
- Hinged door panels - no chains, spring counterbalances, garage door rollers or side guides to maintain.
- Abuse resistant - minimum 2-inch thick doors are constructed of structural steel and/or heavy 14-gauge sheeting. In most instances they will still operate after being hit or buffeted by high wind loads.

Energy advantages

- Energy tested doors are customized to fit tight to openings - holds down costs of heating and cooling. Energy results are available by contacting an EPD sales engineer.
- Wind and weather resistant doors operate in toughest conditions. Doors handle high wind loads and can be insulated to reduce icing in extreme cold temperatures.



Hydraulic bi-fold truck door opening

The grain industry around the world uses EPD four fold doors

- Doors can be seen in operation at companies like ADM, Cargill, Ag Processing, Bunge, Continental Grain, Central Soya and many more.



Hydraulic four fold rail door at grain elevator

Contact an Electric Power Door sales engineer or representative for assistance with specifications and quotations at no charge.



Division of Broncho Company • 522 West 27th Street • Hibbing, Minnesota 55746

TOLL FREE 800-346-5760 • (Minnesota 218-263-8366) • FAX 218-262-6478

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