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BUYLINE 4062



Engineering in Motion



HYDRAULIC FOUR FOLD DOORS

Electric Power Door's hydraulic four fold doors are designed for dependability, durability and ease of operation. Features include:

- Manual or automatic operation
- No floor guides
- Optional pass doors, vision lights, and louvered
- High cycle - can be operated over 1,000,000 times
- Low headroom requirements
- Jamb-mounted actuators - no linkages, gears or chains
- Custom designed and manufactured
- Interior or exterior mounting
- Seals tight - can be heavily insulated
- Repairable when hit
- Electric and pneumatic operation available
- Can be designed to close around a monorail or catenary line

Hydraulic four fold doors stand up to abnormal abuse in problem areas.

Some typical applications are:

- Secure parking garages
- Air locks
- Airport baggage handling areas
- Correctional facilities sally ports and gates
- Transit maintenance facilities
- Sewage treatment facilities - monorail doors
- Financial institutions cash docks
- Warehouse loading docks and forklift areas
- Manufacturing plants
- Grain elevators
- Vehicle wash bays
- Mine shafts
- Fire stations



COUNTY JUSTICE CENTER



BAGGAGE HANDLING



RAIL MAINTENANCE FACILITY



PARKING GARAGE

TOLL FREE 800-346-5760 (MN 218-263-8366) FAX 218-262-6478
www.electricpowerdoor.com • E-mail: mail@electricpowerdoor.com



Hydraulic four fold vehicle access doors offer advantages.

"As those of us in corrections know, vehicle doors in our correctional facilities need to be opened 100 to 200 times a day. We installed two of them in our new Inverness facility. After two years we found them to perform beyond our wildest dreams."



FOUR FOLD MONORAIL DOOR



SALLY PORT



FOUR FOLD PRISON GATE



LIGHT RAIL MAINTENANCE SHOP

Hydraulic Four Fold Doors can be installed on virtually any building - jamb mounted on either the interior or exterior side. In many cases as little as three inches of headroom is needed. There are no floor guides so the door glides above the floor. Four fold doors open and close at a speed of two feet per second and can easily be operated manually in case of a power failure.

Minimum two-inch thick standard door panels are constructed of structural steel and heavy 14-gauge sheeting. Optional panel construction and materials, such as grills, louvers, vision light, aluminum, wood, and stainless steel, are available. Four fold doors operate under any

weather conditions - extreme cold, heat and high winds. Four fold doors are long-lasting (more than a million cycles), they are individually customized to each building and opening - engineered to last ten times that of conventional doors.

Four Fold Doors are engineered to meet your security and functional needs with a variety of options including automated controls, photo electric eyes, bullet resistant panels and more.

Weather resistance, tight seals, insulation (according to climate conditions), and speed of operation help keep indoor air temperatures constant. Energy test results are available which prove the doors heating/cooling efficiency. Operations and maintenance costs are lower than other door types. Hydraulic operating systems and durable hinged door panels replace high-maintenance chains, spring counterbalances, garage door rollers and side guides.

HYDRAULIC FOUR FOLD DOORS

VERTICAL LIFT DOORS



Features include:

- Electric operation
- Weight counterbalanced - no springs
- Interior or exterior mounted
- Can be tightly sealed and heavily insulated.
- Single panel or multi-section
- Custom designed and manufactured
- Low maintenance required
- Heavy-duty construction provides strong resistance to damage
- Repairable when hit
- Can include pass door, vision lights or louvers
- Low headroom variation available (Canopy Doors)

Some typical applications are:

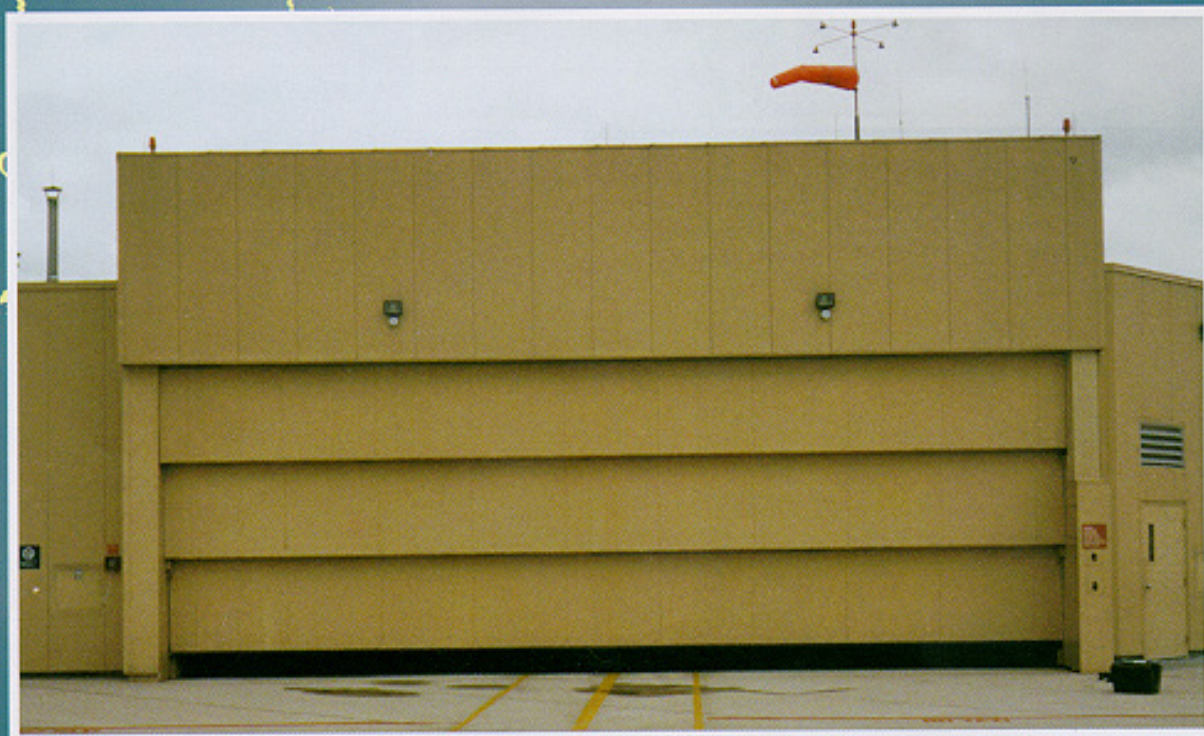
- Mine truck shops
- Steel mills
- Manufacturing facilities
- Rail tunnels
- Special lock & dam applications
- Telescope observatories
- Air locks
- Equipment maintenance shops
- Helicopter hangers
- Ship-building facilities
- Missile sites
- Convention centers
- Power plants



VERTICAL LIFT STOREFRONT DOOR WITH PEDESTRIAN DOOR



SPECIALIZED GRANITE-CLAD DOOR



VERTICAL LIFT HELIPORT DOOR

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EXTERIOR MOUNTED TRUCK SHOP DOOR



INTERIOR MOUNTED VERTICAL LIFT DOOR



TRANSIT MAINTENANCE FACILITY



Durable and powerful doors ideal for large openings

Vertical Lift Doors are ideal for facilities where operation under high wind loads and damage resistance are primary concerns. Heavy structural steel construction with 14-gauge steel sheeting holds up to the abuse and severe weather conditions inherent to many of the areas where facilities are located. The doors can be easily operated manually in the event of a power failure.

Vertical lift doors are custom designed to fit each application. Interior or exterior mounting, versatility of automation systems, and a wide range of options make the vertical lift door ideal in many applications.

Tight seals and insulation that meet climate extremes, keep the doors from icing up and their heavy construction stands up to heavy wind loads. Energy efficiency reports show overall building heating and cooling costs are lower than when other types of doors are used.

Reliable operating systems keeps the doors operating with low maintenance costs. Weight counterbalancing, panel guide rollers, and guided counterweight box assure longevity.

The Metropolitan Transit Authority has ten Vertical Lift Doors on the Laredo Bus Garage, originally installed over ten years ago.

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BLAST AND SHIELD DOORS



Blast resistant doors

Electric Power Door designs and manufactures heavy-duty swinging, sliding, and vertical lifting blast resistant doors. Blast doors are custom engineered to handle all situations from very low to very high range blast loads. These doors can be provided with power operators, special hardware, weathering, subframes for imbedding, and other optional equipment.

Fire labeled, Blast Resistant Doors are available in single and double swing styles for low- and mid-range blasts. They carry a three-hour label and have been tested in accordance to ASTM E-152, CAN4 S-104, CSEFM, 12-43-4, NFPA 252, UBC 43.2 and UL-10b standards. For additional protection interior insulation can be provided to reduce the exterior temperature rise to the lowest value measured in the industry.

Due to the special requirements and often times critical nature of the facilities where blast and pressure resistant doors are needed, we request you contact us for technical information and details.

Shield doors

Shield doors are generally utilized in radiation protection applications and custom designed to fit the project requirements. Shield doors can be swinging, top-hung horizontal sliding, bottom rolling horizontal sliding, or vertical sliding and are furnished complete with panels, guides, hardware, opening frames (for swing doors), controls, and operators.

Shield doors are generally constructed of heavy-duty structural steel shapes and/or steel plate. Other panel construction includes the use of structural steel framed panels filled with lead, borated polyethylene or concrete.

Hydraulic or electromechanical operating systems are available for power operation. Special seals such as for RFI/EMI requirements can be provided.



HIGH-RANGE BLAST RESISTANT DOOR



SLIDING BLAST RESISTANT DOOR



FIRE RATED BLAST RESISTANT DOOR



Sliding doors are engineered to fit almost any size opening.

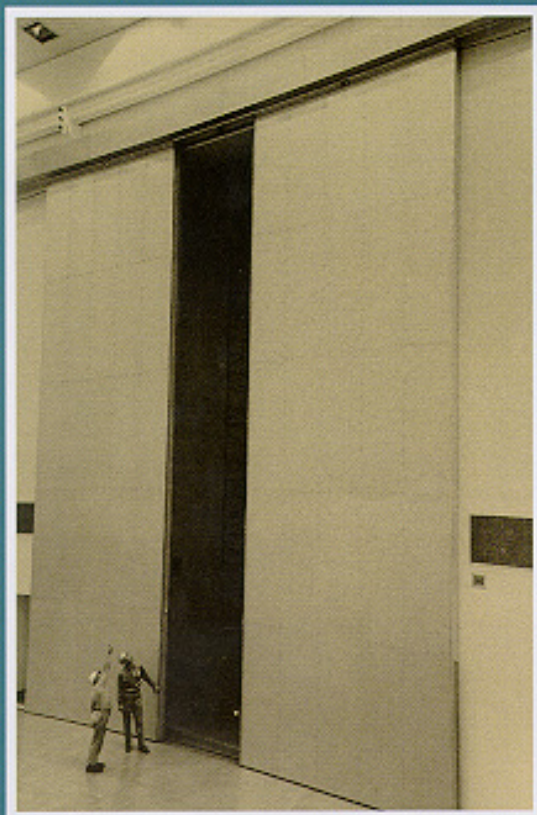
Sliding doors can be either top hung or bottom rolling, depending on the customer's needs and opening conditions. Top hung doors are provided with box or I-beam track. Bottom rolling doors are provided with floor rail.

Standard construction consists of structural steel framed panels with 14-gauge flat hot rolled steel sheeting. Doors are available in single, bi-parting, and multiple sections. Panels can be designed to receive special cladding and can include vision lights, louvers, and pass doors.

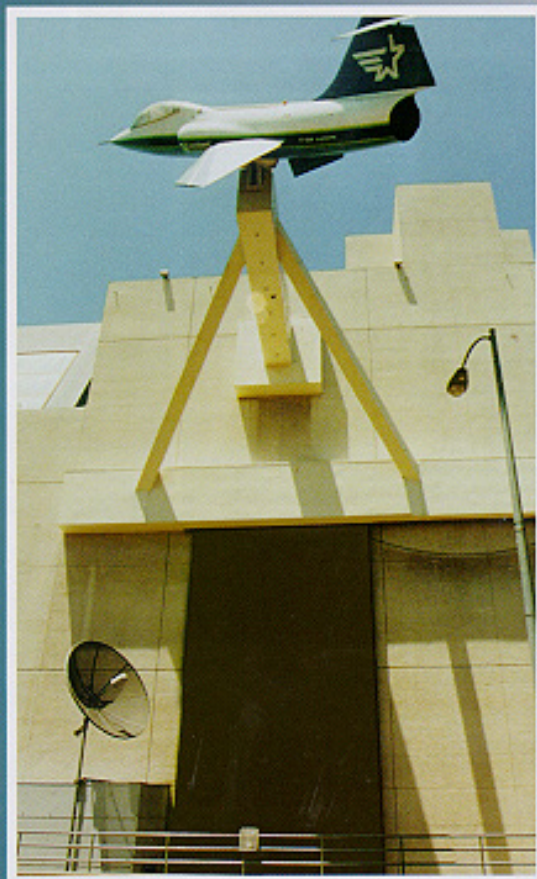
Heavy industrial hardware including guide tracks, top guide rollers, trucks with bearings, track support brackets, bottom roller wheels, door pulls, stay rollers, and weatherstripping are included.

Sliding doors are normally operated by an electric gear motor drive including standard roller chain and sprockets. Prewired control panels with required control stations and limit switches are provided. Doors can be easily operated manually during a power outage or an emergency. Pneumatic and hydraulic drive systems are also available.

SLIDING
DOORS



TOP HUNG SLIDING DOOR



EXTERIOR TOP HUNG SLIDING DOOR



BOTTOM ROLLING SLIDING DOOR



Engineering in Motion

CRANEWAY DOOR -



OAK CLAD FOLDING DOORS - FIRE STATION

VERTICAL DROP DOOR - STOREFRONT



VERTICAL LIFT WITH MAN DOOR - CONVENTION CENTER

OTHER PRODUCTS AVAILABLE:

- Craneway Doors
- Gate Operators
- Watertight Doors
- Motorized Roof and Floor Hatches
- Airtight Doors
- Exhibit Gates and Doors for Zoos
- Gas-tight Doors
- Flood Panels and Gates

If you don't see it - please call and ask.

ELECTRIC POWER DOOR

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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