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*BI-FOLD AND HYDRAULIC DOORS. DESIGNED FOR YOU. BUILT TO LAST.*

# AGRICULTURE

# AVIATION

# COMMERCIAL

## Featuring.

- Flexible options personalized to your needs
- The best customer service in the industry
- Fast and smooth operation
- Fewer moving parts
- As much as 33 percent stronger than other doors of similar size
- Heavy-duty components and accessories
- Structural steel design with rust-inhibiting finish



## Need a new door for your old building?

Our experts will design, build and install a door that's compatible with your structure. Whether your building is square or round, our team works directly with you to create a solution that works well and looks great with your existing structure.



## Message to builders and architects.

Midland doors meet the strictest building code requirements for wind resistance and include our satisfaction guarantee. Our professionals ensure that your customers' doors are engineered, manufactured

and installed as specified, **on time and on budget.**

Builders and architects prefer Midland Bi-Fold and Hydraulic Doors because they know their customers will be satisfied and safe.





***The Industry Leader.*** Midland Door Solutions is the unparalleled leader in the design, manufacturing and installation of bi-fold and hydraulic doors. Since our inception, the Midland name has stood for dedication to quality, the lowest total cost of ownership and the best customer service.

***A Unique Product For Your Unique Needs.***

Our doors are not mass produced. Midland Bi-fold and Hydraulic Doors are custom designed and manufactured to your exact specifications. Whether your specific needs require unique sizing, special moisture resistance, custom windows or any other requirement, we'll work with you one-on-one to provide a custom design that meets your needs.

***Fast and Flexible.*** We pride ourselves on meeting tough deadlines and getting the job done on your terms, not ours. Our dedication to personal service means we're nimble and offer flexible solutions when you need them quickly.

PLANNING

INSTALLATION

SERVICE

***Your Complete Solution.*** Choosing a bi-fold or hydraulic door is a critical aspect of any new building. After all, the door provides the access and functionality to the building and it is the first thing you notice if it isn't working properly. As a total solution provider, we are personally there every step of the way to design your door, install it and make sure it keeps working tirelessly for years to come.





# BI-FOLD DOORS

Wind and other environmental factors can be brutal on extremely large doors. Midland Bi-Fold Doors are built sturdy to withstand the most tenacious elements. All of our bi-fold doors are made with heavy-gauge steel tubing and a unique truss design that provides superior wind loading performance.

Tough as nails with no-hassle, worry-free operation every time and over time.

**Farm Tested. Engineer Approved.** High-strength structural steel is jig welded to ensure straight lines, while the 3-inch deep vertical frame members provide maximum strength, even in the strongest winds.



**Maximize Space.** Bi-fold doors are designed so you can use the full height and width of your building's opening. As equipment continues to become larger, rest assured your door will easily accommodate it.

**Simplicity.** The standard single latch means you'll never forget to unlatch one side of your door again. An optional automatic latch system allows you to open the door even from the comfort of your vehicle.

**Speed.** An optional nylon strap system allows for even faster opening. The 3-inch nylon straps wrap over themselves, resulting in a faster lift.

**Hinges.** Cold-formed steel hinges are welded to the frame to enhance durability. The hinges use 5/8-inch and 3/4-inch cold rolled hinge pins.

**Customized.** We'll match your new building colors or replicate the existing building for a seamless look. Choose custom colors for your door and trim.

**Weathertight Seals.** Two-ply cloth-inserted rubber between the doorframe and sheeting provides a weather-tight seal at the bottom of every door. All insulated doors feature dual seals.



**Safety.** We design standard bottom operator drive units with a 5 to 1 safety factor and use power sources ranging from 1.5 to 4 horsepower. We only use cable larger than 1/4-inch and strategically attach it with no pulleys so there is less wear and tear.

# HYDRAULIC DOORS

When you need speed and simplicity, Midland Hydraulic Doors are the only choice. We bring you the same durability and maximum headroom as our bi-fold doors, but with faster speeds, fewer moving parts and smooth hydraulic operation. Midland Hydraulic Doors – you won't find a better single panel door.



**Keep It Simple.** Our hydraulic doors work better and stand the test of time by sticking to three main components: the reinforced steel frame, two cylinders and the powerful hydraulic pump. Keep it simple. And keep it running for years to come.



**Versatility.** Whether it's a small door for an RV or a large door for a twin-engine aircraft, our hydraulic doors offer the versatility and protection you need with virtually no maintenance.

**Strength.** Our all-steel construction provides greater durability than doors manufactured with a combination of wood and steel. The robust design will weather the elements and hold strong for years to come.

**Easy Installation.** We assemble and jig weld the 4-inch deep tubular frame at our shop and then lift it, as one piece, into place at your building. Insulation and accessories can be easily added on site to customize the door to your exact needs.

**Fast Operation.** Midland Hydraulic Doors will open 25 percent faster with just the push of a button. The fast cycle time and power of a hydraulic door will help you be more productive.

**Weather Protection.** Midland Hydraulic Doors are designed to be weather resistant so they stand up to wind, rain, sun, snow and whatever else Mother Nature may throw at it.

## Powerful Lifting.

- Standard power sources range from 2 to 5 horsepower.
- 220V single-phase electric over hydraulic pump.
- Up to 4-inch bore cylinders.

## Robust Mounting Hardware.

- Heavy-duty 3/4-inch steel plates form the bottom jamb.
- 1-inch steel plate secures the cylinder to the door.
- 3/4-inch minimum hinge pins secure all attachments.
- 3/8-inch minimum tube jamb thickness.

## Always A Match.

We'll make sure the exterior of the frame is painted to match the trim color or wall panel on the outside of your building and door. You also can get the liner panel and sheeting personalized to match your operation. Everything will match just right on your new building or replicate the look of your existing structure.

## OPTIONAL ACCESSORIES

**Remote Control.** Allows the operation of the door with a remote transmitter.

**Sheeting & Trim.** 29 gauge or 26 gauge ribbed steel applied to the exterior of the doorframe. Personalized to match your new building or replicate an existing structure.

**Liner Panel.** 29 gauge ribbed steel applied to the interior of the doorframe for a consistent look.

**Windows.** 4-foot-by-2-foot fixed or sliding insulated windows allow light and ventilation to enter (custom sizes available).

**Weather Stripping.** 3/8-inch by 1-1/2-inch foam weather strip applied with adhesive for added weather resistance.

**Insulation.** We offer four options:

- 3-inch or 4-inch white-faced blanket insulation
- 1/2-inch board insulation on outside frame with 3-inch board on inside
- 1/2-inch board with 2-1/2-inch spray foam

**Walk Doors.** Pre-hung 4-way universal walk door is available in 24 gauge smooth panel steel or 28 gauge textured panel steel for easy access.

**Automatic Latch.** Allows you to open the door without manually unlatching it (bi-fold only).

**Nylon Strap.** 3-inch nylon straps are used to lift the door, creating a faster opening process (bi-fold only).

**No Surprises.** We build the highest quality large doors and our superior customer service is better than any other bi-fold or hydraulic door manufacturer in the United States. Plus, we listen to your feedback and continually strive to make your experience the best possible. Midland is proud to stand behind our products and guarantee satisfaction.



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