

New

Schweiss **BI-FOLD DOORS**

- Aviation
- Agricultural
- Commercial
- Industrial
- Designer Doors
- Hangar Homes



Visit us at:
bifold.com



BI-FOLD DOORS FOR THE

Schweiss will work with you, your architects, contractors, or building supplier to ensure a perfect fit in your building. We supply door weights, engineering data, wind load specifications, and design specifications to make certain that you have all the necessary information needed for the design of your building to accept the Schweiss door of your choice. This information will insure a smooth and safe installation.

All Bi-Fold Doors Are:

- *Electric Operated*
- *Pre-Wired*
- *Easy to Install*
- *Easy to Ship*
- *Can Be Insulated*
- *Lose No Headroom*
- *Custom Built*
- *Heavy Duty Built*
- *Trussed Inside*
- *Made to Fit Any Buildings*



Aircraft Hangars

Aircraft Hangars



Corporate Hangar

AVIATION INDUSTRY



WHY GO BI-FOLD?

Feel free to call and talk over any door questions or problems you may have. We work with new or existing buildings. We can help solve your door problems.

Visit us at:
bifold.com

- Adapts to any building large or small
- Lose no headroom
- Larger opening for less money
- Can be tightly insulated to save energy
- Our door will not bow or sag in a few years
- Opens electrically - easy to operate - no more tugging or pulling on those old sliding doors
- Less moving parts - smooth running door - it's built to work
- Snow & ice will not bother - seals snug & tight
- Easy & simple to install (Installation kits available)
- Our Bi-Fold Doors will work and work and work!!

No Sagging - No Bowing!

"Automatic Bi-Fold" doors are the answer to today's door problems. No longer is it necessary to spend wasted time tugging and pulling on sliding doors. The common complaints about regular doors are; They're too large, they're sagging, they're bowed, I can't insulate them decently, it takes two people to open them, in the winter I spend many back-breaking hours shoveling snow away to open my doors, I'm sick and tired of chipping ice away to get my doors open. A very common statement is, "I love my building, but hate my doors."

Our Customers Speak For Us!

Just a note to thank you for the door and to give credit where credit is due. Schweiss is what a great American company should be all about. Schweiss had a prompt, clear and low bid. Options were prompt, clear and low. The Schweiss people met the construction window perfectly. They did an excellent job on the trim and matching the lines of the door to the rest of the building. It is certainly nice to see a company that does not rest on its laurels. The heavier structure, the factory welded cable attachment points, the grease zerts on the hinges and the new open/close system are solid proof that your company is constantly looking for new ways to improve its products. When I asked questions I recieved answers and when I requested a change — all promptly, clear and hassle free. You have one happy customer

2 year warranty
- we're proud to
have a happy customer!

 **Schweiss**
BI-FOLD DOORS



- **Commercial**
- **Residential**
- **Hangar Homes**

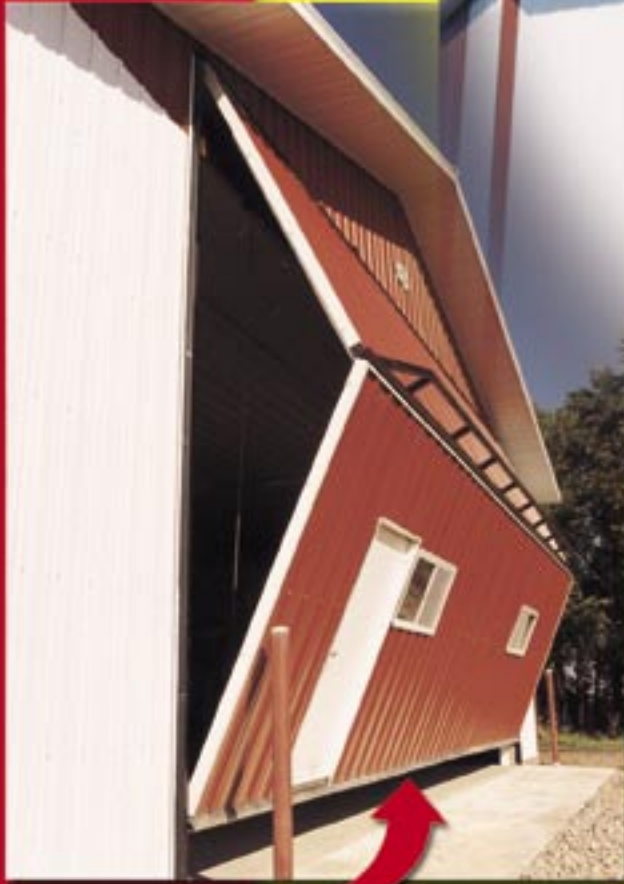
**Installation for the
aviation industry**



**"They made the door
work for us. Future
doors will be Schweiss
Bi-Fold Doors." - J.B., WI**



THE ALL PURPOSE DOOR!



**Bottom Rubber Seal -
(Never Freezes Down)**



Walk Door and Windows in the Bi-Folds

Push button convenience

Just push a button and our door will go up or down. Our doors are powered with a heavy duty 1.5H.P. motor. We use aircraft cables or popular lift straps on our power winches to raise and lower the door. You may stop the door at any desired height and the door will shut off automatically when it reaches the top or bottom. All of our doors are fused for safety!



Shop Doors (36ft Door Shown)

It's so easy! It's so simple!

The beauty of it all is that it takes the chore out of opening and closing your doors.

Sliding doors are usually half closed, dangling in the wind and not very neat looking — but with an "Automatic Bi-Fold," it's so simple! A push of a button and your door will be closed; it's no longer a chore!

VERSATILE FOR NEW AND EXISTING BUILDINGS



Multiple Uses

- *Aviation Hangars*
- *Fly In Homes*
- *Automotive Shops*
- *Commercial Buildings*
- *Farm Shops*
- *Mfg Plants*
- *Industrial Shops*
- *Equipment Repair*



An "Automatic Bi-Fold" door gives you the flexibility to make your door opening a practical width for today's large equipment, trucks or air-planes without worrying everytime you enter your building with large equipment. Are you going to clear the side columns? Width is no problem with a bi-fold! An older building with too small of a door opening is almost useless, but you can put your building back to work for you again by going bi-fold. It really sharpens up the appearance of older buildings.

DESIGNER DOORS

NO DOOR TOO SMALL

We Will:
Custom build to
fit your building!
Deliver, and Install

*Let your
imagination
run wild!*

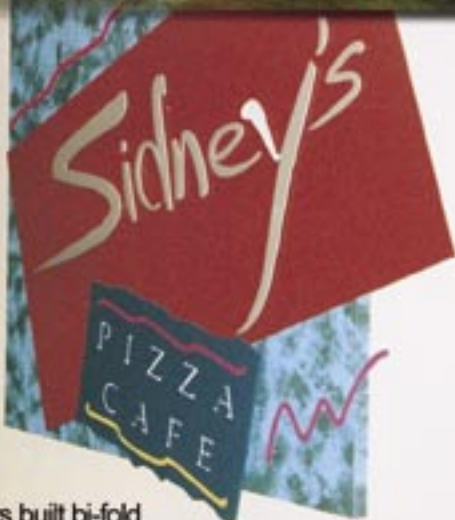
- **You Think it,**
- **We Build it!**



- **SPECIALTY DOORS**
- **DESIGNER WINDOWS**

Door Possibilities

- Greenhouse
- Restaurant windows
- Outdoor entertainment stages
- Crane doors



This is a restaurant where Schweiss Bi-Fold Doors built bi-fold windows so the customers can look out into the mall as they are dining

“THINK BI-FOLDS!”



Double Bi-Folds

***“Make your
New or Exist-
ing Building
Work For You!”***



Multiple Hangars

***We custom build
each door - just
give us your clear
opening size and
we will build an
Automatic Bi-Fold
Door that will give
you your full clear
opening desired.
Lose No Head-
room!***



Excellent Shop Doors

**U.S.
PATENTED
NO. 6,199,617**

"LIFT STRAPS"

Take the Place of Cables



Clean Design Lift Strap Door

Schweiss designed and patented a custom made polyester Lift Strap that provides a new alternative to steel cables unlike any on the market to open bi-fold doors. The Schweiss Lift Strap is durable and lasts longer than steel cables. It requires less maintenance and it is very easy to replace. **80% of the doors manufactured for Schweiss Customers are demanding the popular "New Lift Straps".**

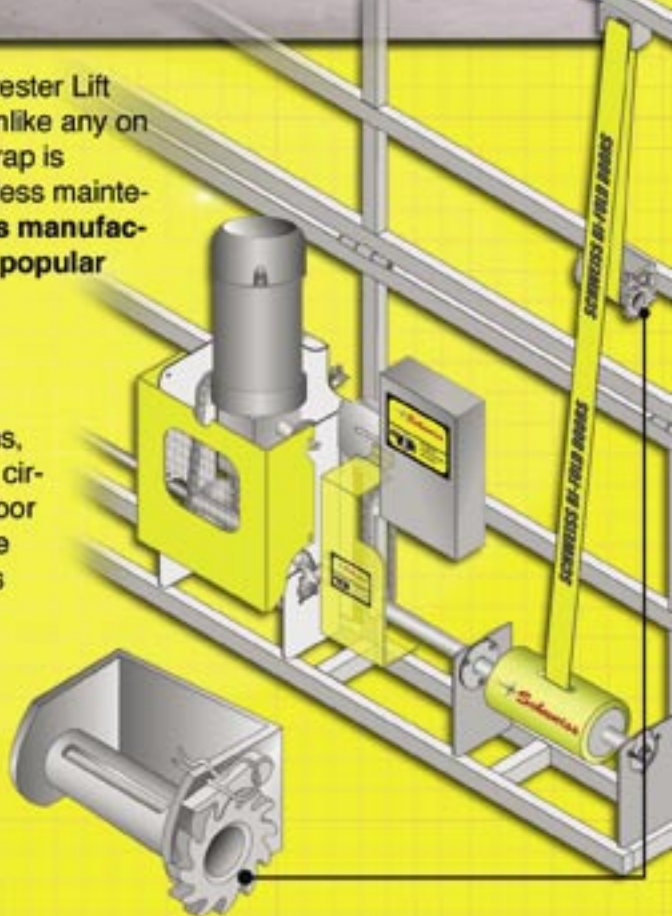
Specially Designed

How Does the new "Lift Strap" work?

The strap wraps around the lift drum as the door opens, increasing the size of the drum. The larger the drum's circumference the faster the door opens. It's ideal: the door opens slowly at first and quickly picks up speed, a nice safety feature. It's a clean, strong design. It's quiet, it's simple, and the door opens faster.

Strap Tightener

With the new "Lift Strap," Schweiss also offers a new strap tightener system which takes up slack in the belting. This is a real nice feature for keeping the proper tension on the "Lift Straps".



THE REAL ADVANTAGES!!

Lift Straps on Corporate Hangar

Facts of Straps

- **Faster**
- **Safer**
- **Simpler**
- **Easier**
- **Quieter**
- **Smoother**
- **Proven**

**Proven
Lift Strap
Satisfaction**

I recently purchased a 44' Schweiss Bi-Fold door with the lift straps and I'm totally impressed with the operation of this system. If you're looking for a bi-fold door, look nowhere else. The people at Schweiss are truly the best in the business. My door with the lift straps works so smooth and the quality in the construction is excellent. And don't forget to get the remote control option, I wouldn't be without this feature. I am a satisfied customer and would highly recommend a Schweiss Bi-Fold door to anyone looking for the best Bi-Fold Door on the Market. Thanks again to the people at Schweiss. - Tim Kosobud, WI.

Straps vs. Cables: "The Real Advantages"

Long Lasting • All straps are polyester, which never rusts, making it more durable and longer-lasting than steel cables.

Flexible • Straps are flexible, which means longer life span than cable.

Quieter • Straps are 100% quieter and smoother running on the door.

Speed • Straps will increase the opening/closing speed of the door due to the size of the drum circumference. The door is opened slowly at first then speeds up, a good safety feature. You get a Soft Start and a Soft Stop. It doesn't get any better.

Alignment • Straps never get tangled or criss crossed.

Load • Straps evenly distribute the load on the door.

Life • Straps will outlast cables by three times the life of cables.

Tension • When it comes time to tighten the straps, it's easier to use a ratchet tightener.

Cost • Cost of straps are competitive to the cost of cables.

Warranty • We offer a 7 Year Warranty on original lift straps.

Converting • Schweiss has conversion kits available to adapt to most present door with the cable lift to the new "Lift Strap". Check with factory.

Safety Strength • Safety factor on the straps is well over 5:1 safety factor.

Strength to weight ratio on our straps is extremely high.

Ex: 3" straps are rated at 29,000 lbs / 1/4" cables are rated at 7,200 lbs.

That is why the Schweiss Lift-Strap System has a NEW 7-YEAR WARRANTY!!

SOMETHING

Common Questions Asked

A Note From Schweiss,

When our patented lift-strap system became such a popular choice with door customers, it was only logical that the competition would come out swinging, especially if cable system is the only system they offer. New Technology is wonderful, even in the door business.

What is the competition saying?

- *Cable systems are more durable, more reliable, and safer than straps.*

What do we say?

- NOT SO! In fact, our "Lift-Strap" system beats the competition on all three of those factors. However, Schweiss continues to offer cable doors should the customer want a cable system. We believe in offering the option. You see that in many other features available to our customers.

The bottom line:

- Why bother with cables? Lift Straps are faster, safer, simpler, and quieter. End of debate.
- Our Lift-Strap system out lifts, out lasts and out sells any cable system.
- Today, 80% of Schweiss Bi-Folds are ordered with Lift Straps.
- Since we introduced our Lift-Strap package, cable systems have become hard to sell.

Why are Schweiss Lift Straps the best way to lift Bi-Fold Doors?

- Faster — Gear Ratio changes as the door opens.
- Safer — 29,000 lb. Tensile strength, compared to 7,900 lbs. Cable.
- Easier — Install a strap, or install a cable. What a difference.
- Simpler — Never will lift straps tangle. How can they lift? They wrap onto themselves.

Specific Facts on Straps:

- Straps out last cable.
- Straps are very low maintenance.
- Straps are clean, neat looking. No abrasive strands.
- Straps will stretch with use, so we designed a simple strap tightener. Give it one or two clicks and your strap is tight again. How simple does it get?

How Do You Know The Straps Are So Reliable?

All our straps are made of polyester material that has an indefinite working life. We did vigorous in-house testing of the New Lift Strap system, the equivalent of 20 plus years of conventional usage, without a single malfunction. The polyester material we are using has remarkable strength. That is why we confidently provide a 7-year warranty on our Lift Strap system. Like the 'Energizer Battery' our customers are finding Lift Strap systems keep working and working and working.

WORTH READING

About Lift Straps

Can I Still Get Cables?

The cable lift system is still the standard but that is rapidly changing. Already 80% of our doors get ordered with the new Lift Strap System so it is obvious customers are catching on fast and for all the right reasons...faster, safer, simpler, easier, and quieter.

Can I Put Straps On My Existing Schweiss Bi-Fold Door?

Yes, our older Bi-Fold doors can be retrofitted with the Lift-Strap System. Yes, the Lift Strap System can work on Schweiss doors, depending upon the construction and mechanics of each particular door. However, I would not advise that it would work properly on EVERY bi-fold door, regardless of manufacturer. And there is no logical, or legal thought that we would endorse the use of our patented Lift-Strap System on another manufacturer's door.

WE TOOK THE WORK OUT AND PUT SAFETY IN BY KEEPING THE PROPER TENSION ON OUR LIFTSTRAPS - IT'S WIN-WIN FOR THE CUSTOMER.

We have yet to sell a REPLACEMENT LIFT STRAP! They simply last, and last and last. And that is time, labor and \$\$\$'s saved for the door owner. The 29,000-Lb. Tensile strength is a tremendous safety factor. That is why the Schweiss Lift-Strap System has a 7-YEAR WARRANTY!

SOFT START / SOFT STOP:

The 'mechanics' of our lift-strap system are uniquely simple: As the strap wraps on the lift drum the door quietly opens quicker until it reaches the automatic stop position. Should you stop the door at any position, the door GENTLY comes to a stop. You get a Soft Start and a Soft Stop. It doesn't get any better.

Let me wrap up with a few customer comments:

- Smoothest door opening mechanism I've ever seen.
- A really trouble free lift system.
- Anything is better than those cable doors.
- We installed lift straps 3 years ago and have never had to adjust the straps.
- I'll never buy a cable door again.
- We feel the lift strap system is much safer.
- I don't know why anyone would buy a cable when you can buy lift straps.
- When my neighbors seen my door, they want the same style also

Now you understand why we are proud of our bi-fold doors and our unique lift-strap system. It's simply a **BETTER BUY.**

Thank you for your interest in Schweiss Bi-Fold Doors.

Mike Schweiss

Mike Schweiss, Pres.

On Lift Straps
7 year warranty
- we're proud to
have a happy customer!

Schweiss
BI-FOLD DOORS

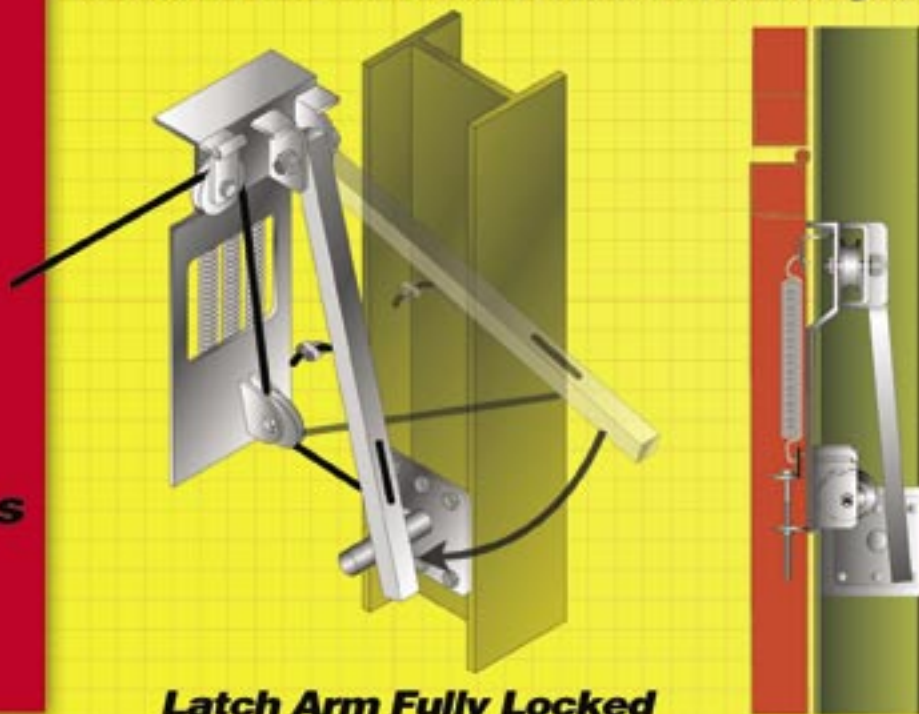
AUTOMATIC LATCHES

Customers Love our "Automatic Latches"
"Push of a Button does it all for you!"

Options

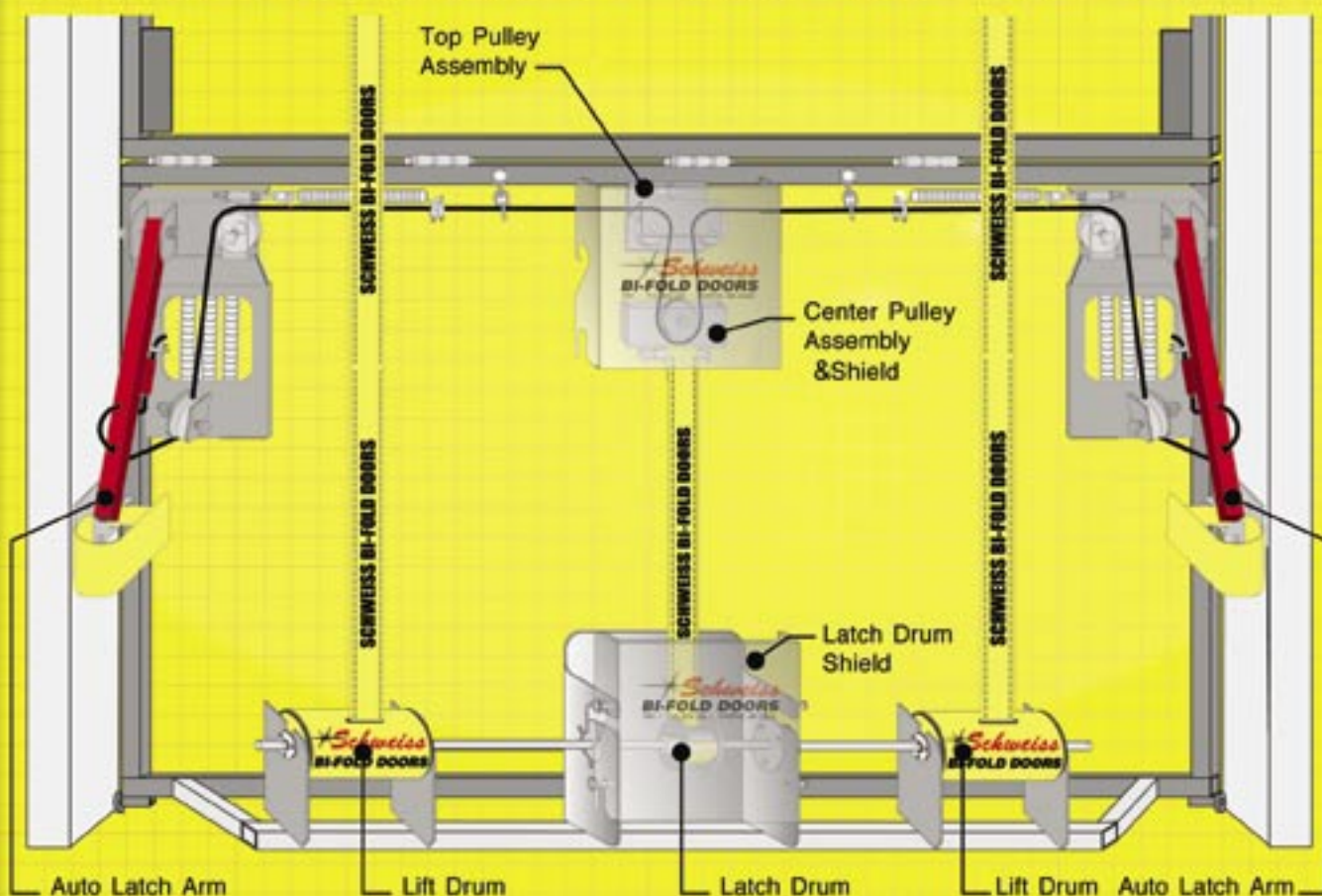
Side Latches

- Manual
- Single Lever
- Automatic



Latch Arm Fully Locked

AUTOMATIC LATCH SYSTEM



Inside view of Bi-Fold Door

REMOTE CONTROLS

Very Nice Feature!

The Easy Way!

Lets you open / stop / close your Bi-Fold Door from any vehicle. Automatically unlatches the door so it can be opened or closed with the hand held remote. Two hand held remote controls and antennas are included with each door.



In October 1996 I installed a 50ft Schweiss Bi-Fold Door to my 80ft by 80ft hangar for my newspaper offices, AgAir Update and Universal Helicopter. About a year later, I added the remote open / close feature. To this day I have never had an open / close failure and never had any problem of any kind. When I was building my hangar I compared the price of sliding doors with the Bi-Fold. It was only a few dollars more, of which I have never regretted spent. It is a real luxury to press my remote door especially if it is raining. I can't imagine a better built hangar door.

- Bill Lavender (Publisher of AgAir Updated and Universal Helicopter)

Important Note:

When using radio controls you must have the auto latching system. If not, provide lock safety switch to eliminate possible damage if door is opened in locked position.

Warning System Alerts Remote Operators:

All doors equipped with remote operators should have a warning system to alert persons in the immediate area that door is moving.



WINDOWS / WALKDOORS

A Great Feature

- You can add walkthrough doors and / or windows to your Bi-Fold Door.



- Windows

Add style to your building with windows of any size or shape. They allow plenty of natural lighting. Speciality windows are available upon request. We will design to fit your needs.



- Walkdoors

Built within the Bi-Fold Door. Saves structural building space. Comes with insulated steel frame. Commercial grade quality. Can be placed anywhere in your Bi-Fold Door.



Schweiss IS QUALITY!

EASY TO INSTALL



Bi-Fold Door Without Sheeting

Everything comes complete on the doors except the outside sheeting!!

Including:

- *Electric Power Unit*
- *All Electric Switches*
- *Hardware to Hang*
- *Installation Instructions (Easy to Follow)*

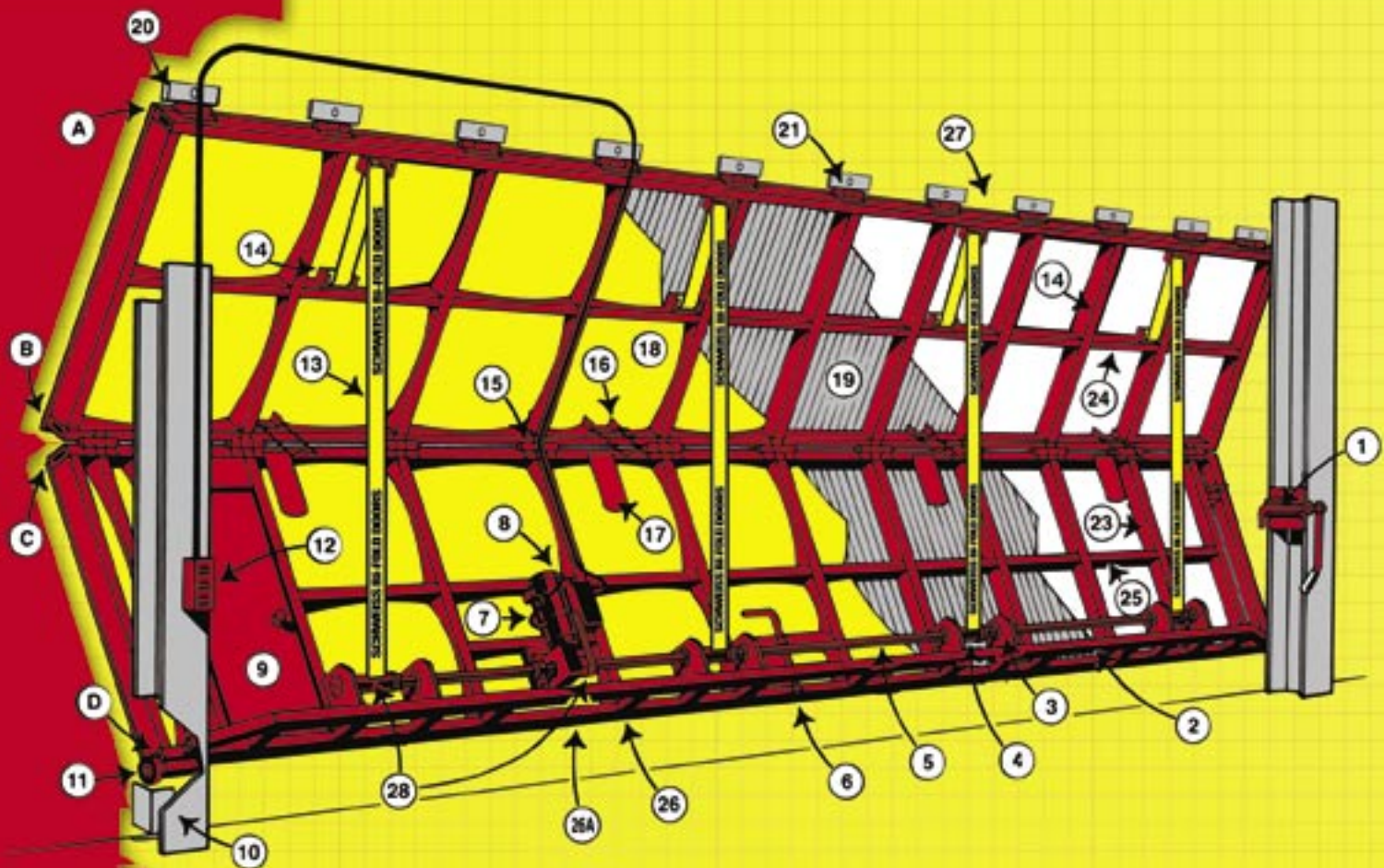
LOSE NO HEADROOM

"We guarantee that our 'Automatic Bi-Fold Door' will fit your clear opening and lose no headroom."



Bi-Fold Door Completely Installed

YOUR CHOICE: BOTTOM DRIVE



BOTTOM DRIVE POWER UNITS

- The power unit is mounted on the door frame.
- The bottom drive power unit is fully assembled on the door frame at the factory.
- The bottom drive requires less installation time - a real time saver.
- The bottom drive does not take up any extra room, it's mounted on the door frame.
- The bottom drive is easy to get to for the service end.
- The bottom drive power unit is built heavy with some very nice features.
- 80% of the doors manufactured by Schweiss Customers are demanding the popular "New "Lift Straps"

A. Tube

B. Tube

C. Tube

D. Tube

Call Outs:

- | | |
|-------------------------------------|---|
| 1. Manual Side Latch | 16. Kick Outs |
| 2. Bottom Truss | 17. Kick Out Plates |
| 3. Bearing Plates | 18. Insulation (Blanket Type) |
| 4. Strap Drums | 19. Exterior Sheeting |
| 5. Drive Shaft | 20. Single Hinge |
| 6. Center Wind Pin | 21. Top Hinges |
| 7. Bottom Drive Electric Power Unit | 22. Top Height Half |
| 8. Safety Limit Switch | 23. Bottom Height Half |
| 9. Walk Door | 24. Top Center Cross Tube |
| 10. Building Side Columns | 25. Bottom Center Cross Tube |
| 11. 3" Bottom Door Roller | 26. Bottom Rubber |
| 12. Up/Down/Stop Switch | 26a. Motor Shield |
| 13. Lift Straps | 27. Top Rubber (Optional) |
| 14. Strap Tightener | 28. Safety Shields Included (Not Illustrated) |
| 15. Center Hinges | |

! Upgrade Features Are Important !

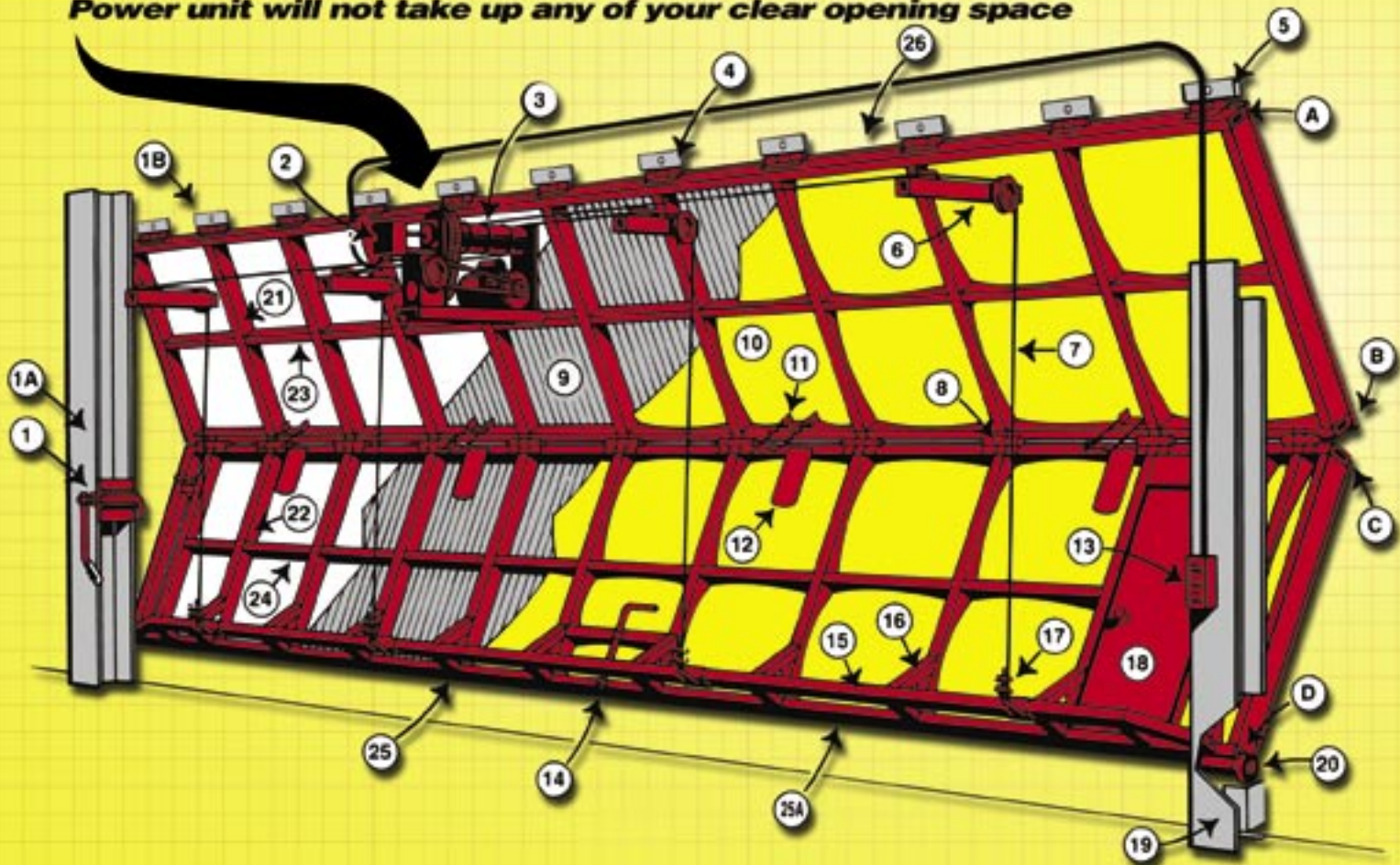
Upgrade Equipment:

- | Yes | No | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1 - Top Override Jiggle Switches |
| <input type="checkbox"/> | <input type="checkbox"/> | 2 - Side Latch Jiggle Switches |
| <input type="checkbox"/> | <input type="checkbox"/> | 3 - Electric Photo Eye Sensors |
| <input type="checkbox"/> | <input type="checkbox"/> | 4 - 2 Button Constant Hold Control Station Dead Man |
| <input type="checkbox"/> | <input type="checkbox"/> | 5 - Door Base Safety Edge |
| <input type="checkbox"/> | <input type="checkbox"/> | 6 - Warning Lights and Horn |
| <input type="checkbox"/> | <input type="checkbox"/> | 7 - Emergency Back-Up |

Refer to page 30 for details.
Safety warning plates included.

OR TOP DRIVE UNIT

Power unit will not take up any of your clear opening space



TOP DRIVE POWER UNITS

- The power unit is mounted stationary, up and above your clear opening.
- The power unit is located in the center of your clear opening.
- The location of the top power unit will not affect your clear opening.
- The nice part about a top drive power unit - it's up and out of the way.
- The top drive power unit must be installed on the job (good instructions).
- The top drive power unit is built heavy duty with some very nice features.

A. Tube

B. Tube

C. Tube

D. Tube

Call Outs:

- | | |
|---------------------------------|------------------------------|
| 1. Manual Side Latch | 13. Up/Down/Stop Switch |
| 1a. Safety Latch Switch | 14. Center Wind Pin |
| 1b. Top Override Switch | 15. Bottom Truss |
| 2. Safety Limit Switch | 16. Gussets |
| 3. Schweiss Electric Power Unit | 17. Cable Clamps & Slides |
| 4. Top Hinges | 18. Walk Door |
| 5. Single Hinge | 19. Building Side Columns |
| 6. Cable Pulley Angles | 20. 3" Bottom Door Roller |
| 7. Aircraft Cable | 21. Top Height Half |
| 8. Center Hinges | 22. Bottom Height Half |
| 9. Exterior Sheeting | 23. Top Center Cross Tube |
| 10. Insulation | 24. Bottom Center Cross Tube |
| 11. Kick Outs | 25. Bottom Rubber |
| 12. Kick Out Plates | 25a. Bottom Safety Edge |
| | 26. Top Rubber (Optional) |

▲ Upgrade Features Are Important ▲

Upgrade Equipment:

- | Yes | No | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1 - Top Override Jiggle Switches |
| <input type="checkbox"/> | <input type="checkbox"/> | 2 - Side Latch Jiggle Switches |
| <input type="checkbox"/> | <input type="checkbox"/> | 3 - Electric Photo Eye Sensors |
| <input type="checkbox"/> | <input type="checkbox"/> | 4 - 2 Button Constant Hold Control Station Dead Man |
| <input type="checkbox"/> | <input type="checkbox"/> | 5 - Door Base Safety Edge |
| <input type="checkbox"/> | <input type="checkbox"/> | 6 - Warning Lights and Horn |
| <input type="checkbox"/> | <input type="checkbox"/> | 7 - Emergency Back-Up |

Refer to page 30 for details.
Safety warning plates included.

INTERNAL / EXTERNAL TRUSS

The choice is yours - an **Internal** or **External Truss**

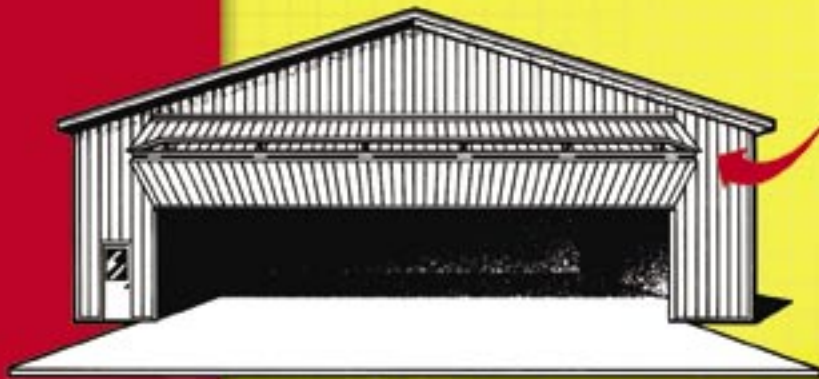


Most Popular

Internal Truss

Nice Clean Look

The Internal Heavy Duty truss for this style door is on the inside of the door frame.



External Truss

Extra Heavy Duty

This is our Heavy Duty External Truss. We can easily build strength into your door!

Custom Build

ANY SIZE WEDGE

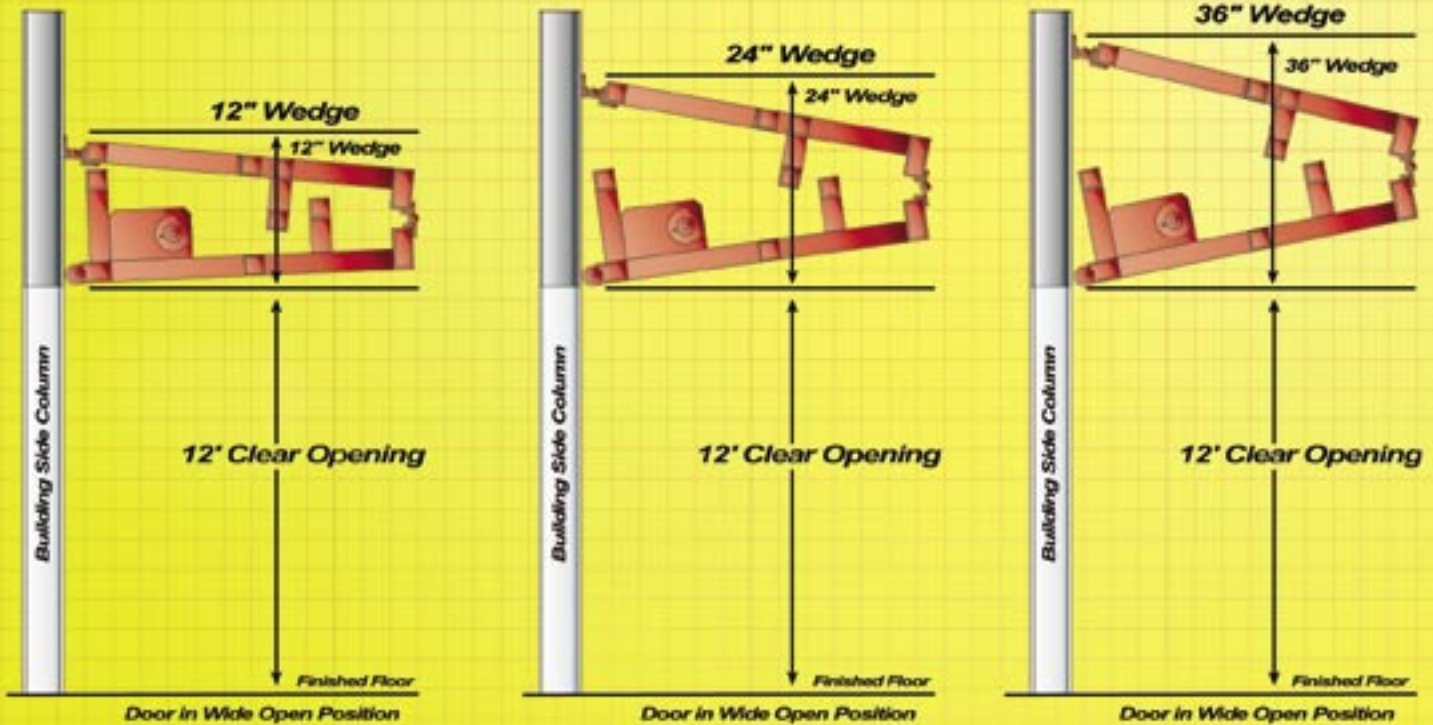
We make any size wedge and "Lose No Headroom"

Advantages of a Larger Wedge:

The larger the wedge the stronger the door - less stress & sag

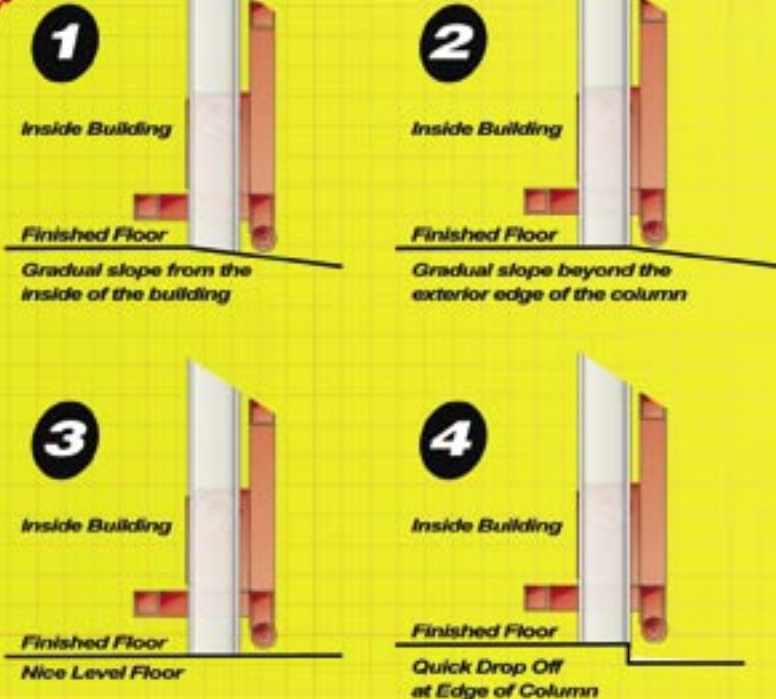
Puts less stress on the endwall or sidewall of your building and header

It's to your advantage to have a larger wedge without losing any headroom.

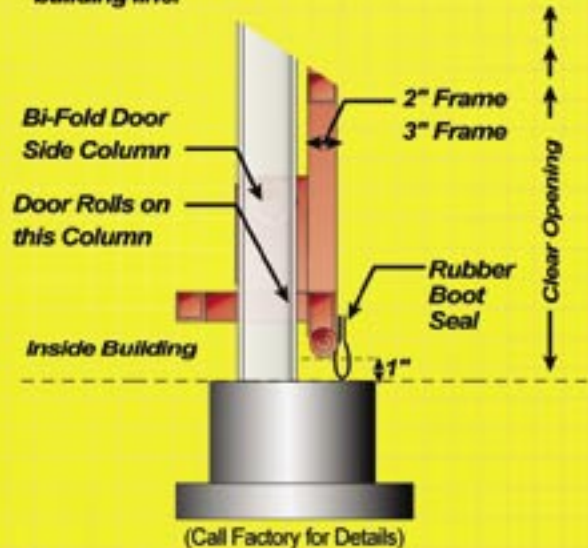


CONCRETE FLOOR OPTIONS

Best Way



- There must be a solid base or floor under the door frame to seal.
- The door sets on the face of the side column or building line.

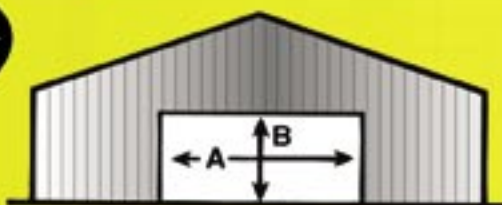


Concrete - Side View

Concrete must stick out beyond the Bi-Fold Door Side Column. Each door will vary depending on the depth of the door frame.

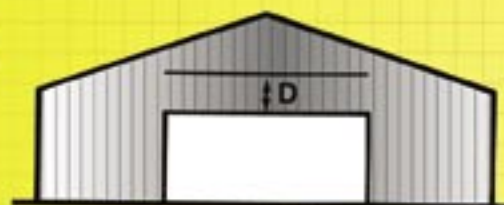
HOW TO MEASURE YOUR BUILDING FOR AN AUTOMATIC BI-FOLD DOOR

1st



We need to know the clear inside measurements, or air opening, height and width.

2nd



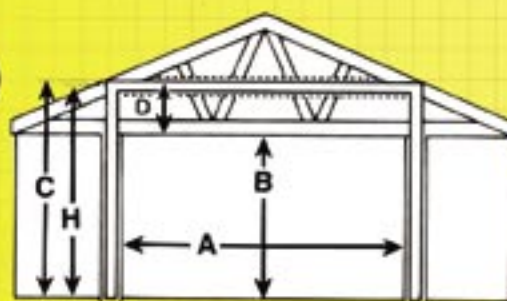
We hang our door up and above your clear opening, on the outside of the building, so we won't lose any headroom! We usually hang the door 12", 24", 30" or 36" above your clear opening. This will vary from door to door.

3rd



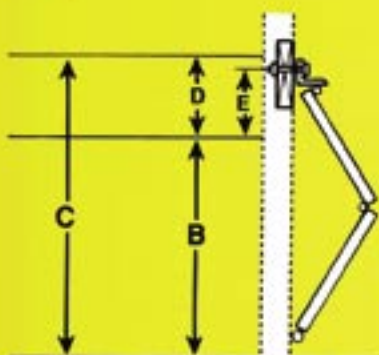
We need a header placed at 12", 22", 28" or 34" to center above your clear opening to hang our door on! You can build this into the endwall of your new or existing building.

4th



Shows how a header is installed in an endwall of a building and where. The header is placed up and above the bottom of the rafter so you won't lose any headroom!

5th



This drawing shows how the Bi-Fold Door rolls up the outside of the building column.

6th



Your door will look like this when fully opened. Lose no headroom!

IMPORTANT:

The customer and the building manufacturer are responsible to ensure that the building's structural design is capable of handling all the imposed loads that the Bi-Fold door exerts on your door header, endwall and building. Your Bi-Fold door exerts considerable horizontal loads on the building structure in the open position. We provide you with those loads that are applied to your building and door.

WARNING: Improperly designed Bi-Fold door header can result in property damage, personal injury or death.

Your building header design must meet standard deflection and strength criteria, both in vertical and horizontal directions to support the bi-fold door in all positions.

| Door Span | Allowable Deflection |
|-----------|----------------------|
| 0'-50' | 1" |
| 50'-70' | 1.50" |
| Over 70' | 2" |

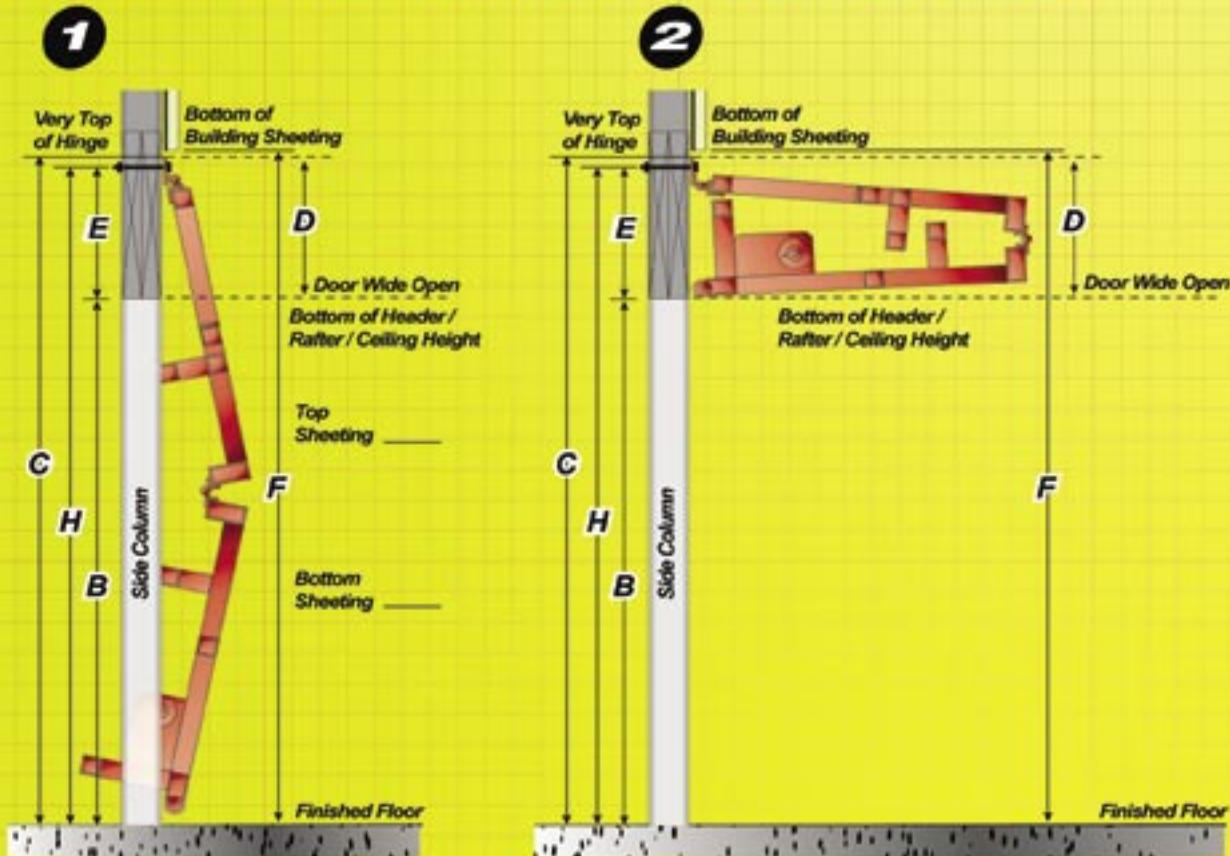
SPEC SHEET DETAILS

We at the factory will help fill in the "Spec Sheet Details".

- A. _____ Clear Opening between building Side Columns -Finished Opening.
 - B. _____ Clear opening from bottom of truss to finished floor - or total clear height opening.
 - C. _____ Distance from finished floor to the very top of door hinge. $B+D=C$.
 - D. _____ Distance from top of clear height to top of single hinge. This distance will vary on different size doors. The distance above your clear opening will be 12"-24"-30"-36"-48"-Other _____. Circle one.
 - E. _____ Distance from top of clear height to center of mounting hole for single hinges.
 - F. _____ Distance from finished floor to beginning of top building sheeting.
 - H. _____ The distance from the finished floor to the center of the mounting hole for the hinges.
- CUSTOMER'S CHOICE OF TRUSS:
 _____ Internal _____ External

Door starting to open

Door fully opened



Bi-Fold Doors Overlay the Side Columns on the Face of the Building.

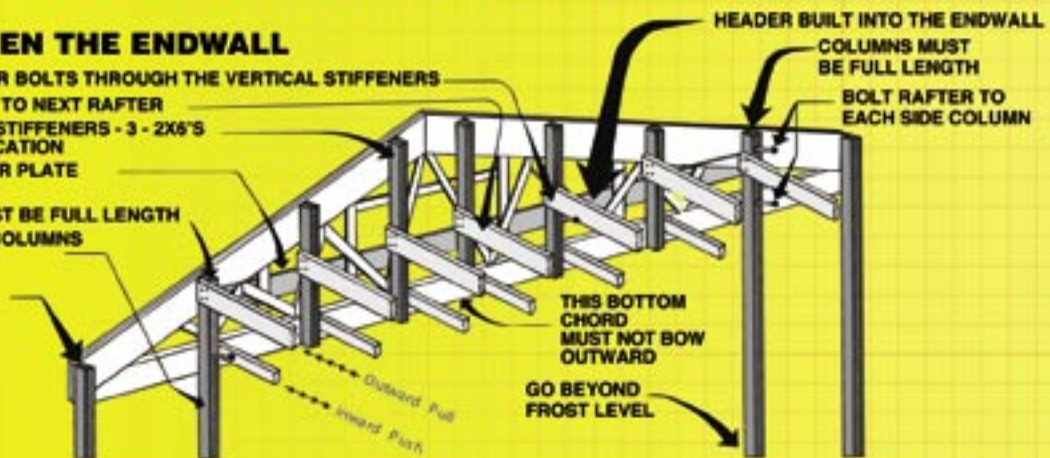
"Door Frame" in the Clear Opening

WOOD BUILDINGS

Endwall Rafters - Header Placements

1 STRENGTHEN THE ENDWALL

PUSH DOOR HEADER BOLTS THROUGH THE VERTICAL STIFFENERS
2X6'S TO THE BACK TO NEXT RAFTER
TRIPLE - VERTICAL STIFFENERS - 3 - 2X6'S
BY EACH HINGE LOCATION
ADDITIONAL HEADER PLATE
OR BLOCKING
SIDE COLUMNS MUST BE FULL LENGTH
DOUBLE THE SIDE COLUMNS
ON LARGER DOORS
TWO RAFTERS
BACK TO BACK



2 DOUBLE ENDWALL RAFTER

NOTE: USE THE SAME "ADDITIONAL SUPPORT BRACING" AS STYLE 1 ON THIS STYLE OF ENDWALL RAFTER

ADDITIONAL HEADER PLATE (FILLER BLOCK)



DETAIL: BOLT THROUGH DOOR HEADER

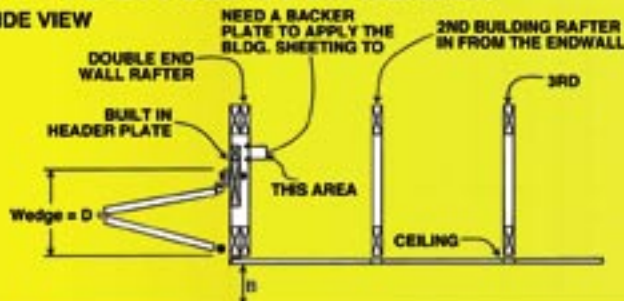
TRIPLE VERTICAL STIFFENERS (3) 2X6'S BY EACH HINGE LOCATION

HOW TO STRENGTHEN YOUR ENDWALL RAFTER



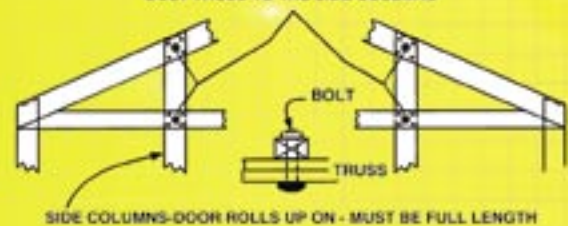
3 ADDITIONAL TRUSS ADDED TO BI-FOLD DOOR HEADER

SIDE VIEW

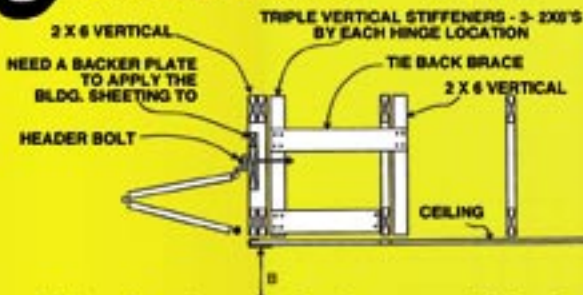


4 BOLTING RAFTERS TO THE SIDE COLUMNS

BOLT TRUSS TO THE SIDE COLUMNS



5 ADDED BRACING SIDE VIEW



6 VERTICAL BRACES



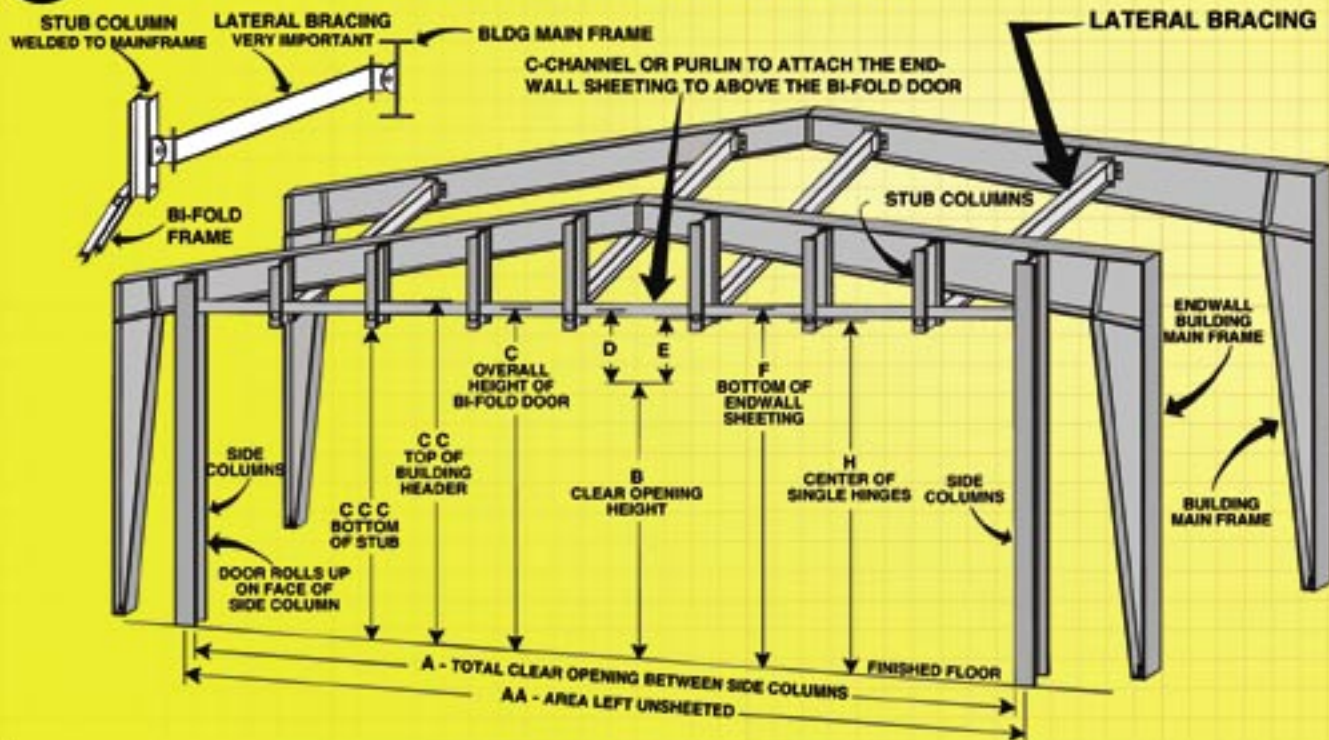
NOTE: ON DOUBLE ENDWALL TRUSSES WHERE THE OUTSIDE PLY IS A 'GABLE TYPE' TRUSS AND THE INSIDE IS AN 'INTERMEDIATE' TRUSS, THERE WILL BE LOCATIONS WHERE THERE IS A 1.5' SPACE BETWEEN THE VERTICAL STIFFENER AND THE HORIZONTAL MEMBERS OF THE GABLE TRUSS.

The Customer is Responsible for the Building Structure & Bi-Fold Door Header.

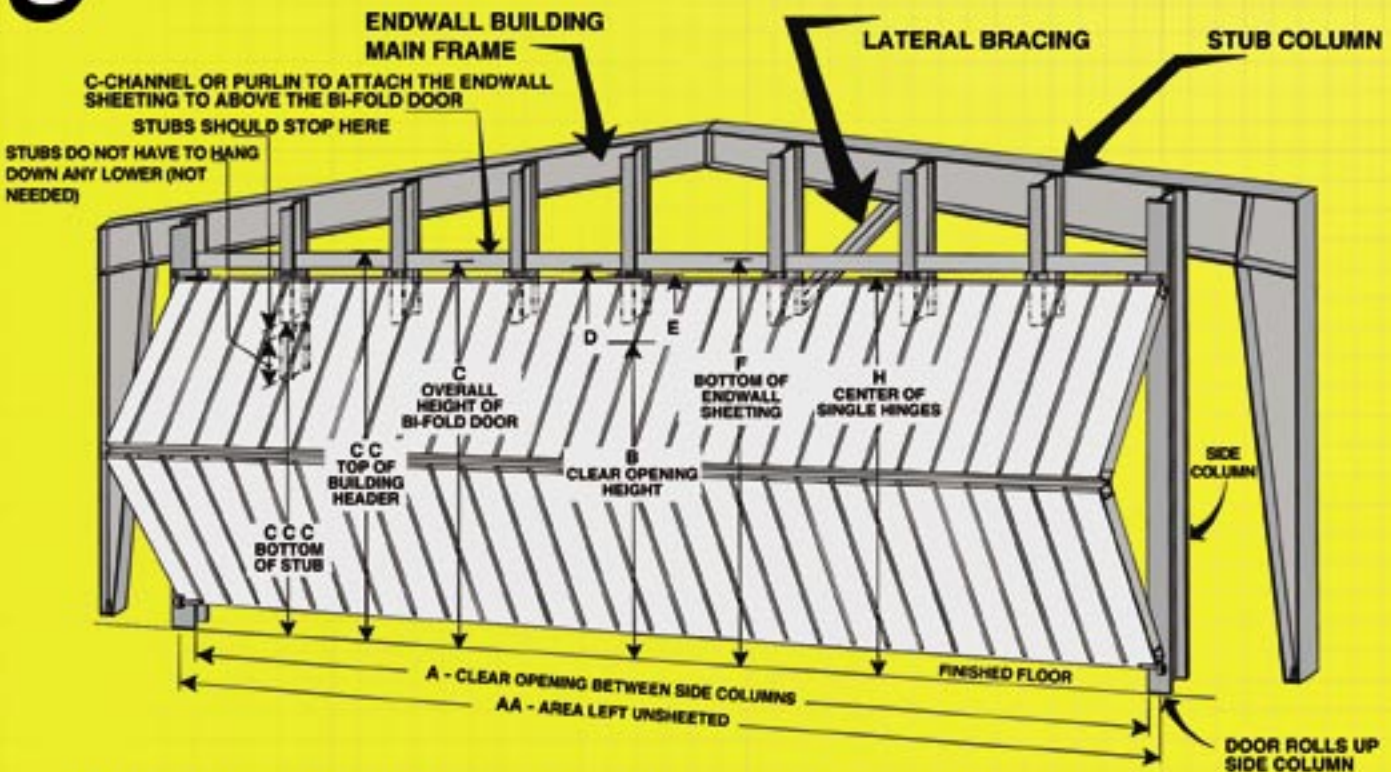
STEEL BUILDINGS

Endwalls - Header Placements

7 BACK BRACING STUB COLUMNS DETAIL SIDE VIEW



8 BI-FOLD DOOR ATTACHED TO STUB COLUMNS



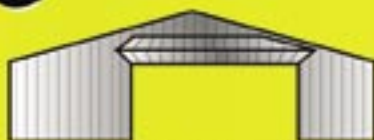
Feel free to call and talk over any door questions or problems you may have. We work with new or existing buildings. We can help solve your door problems.

RETROFIT YOUR BUILDINGS

Optional

Ways to Retrofit Your Buildings

A



If the door would stick out beyond the roof line, we can custom cut the corners of the door — to keep your building looking nice!

B



If you want to open the whole end wall of your building up, we can run columns up and above or add on to your existing posts to make sure you won't lose any headroom!

C

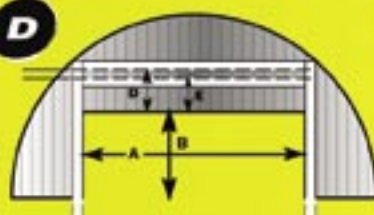


If we are short headroom on older buildings, we can also extend your wood or steel columns and put your header up and above.

These are non-standard procedures.

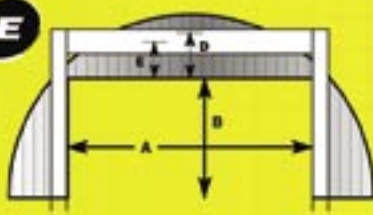
Make your Round Roof Buildings Work for You!!!

D



How a round roof building can be modified to hold a bi-fold door. Stay within the roof line.

E



Opening the entire endwall of your round roof building to gain width and height.

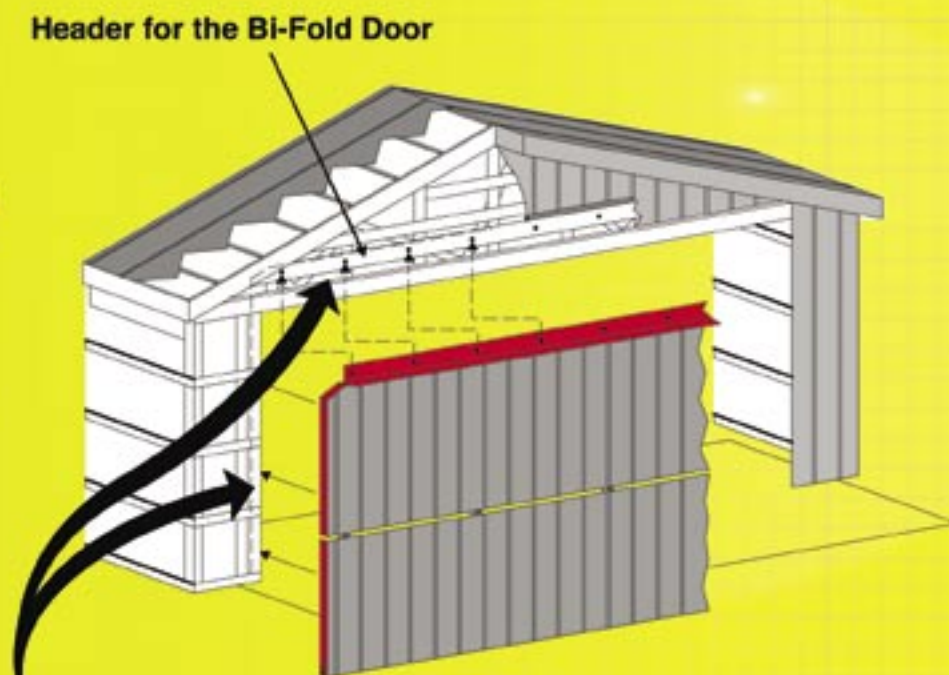
F



Mounting a bi-fold door on the side wall of your round roof building.

G

Attaching Bi-Fold Door to the Building



Door sets on the face of the building.
Building Header and the side columns must be flush.

Airplane

T - HANGARS

Multiple Doors / Side by Side Tee Hangar Application



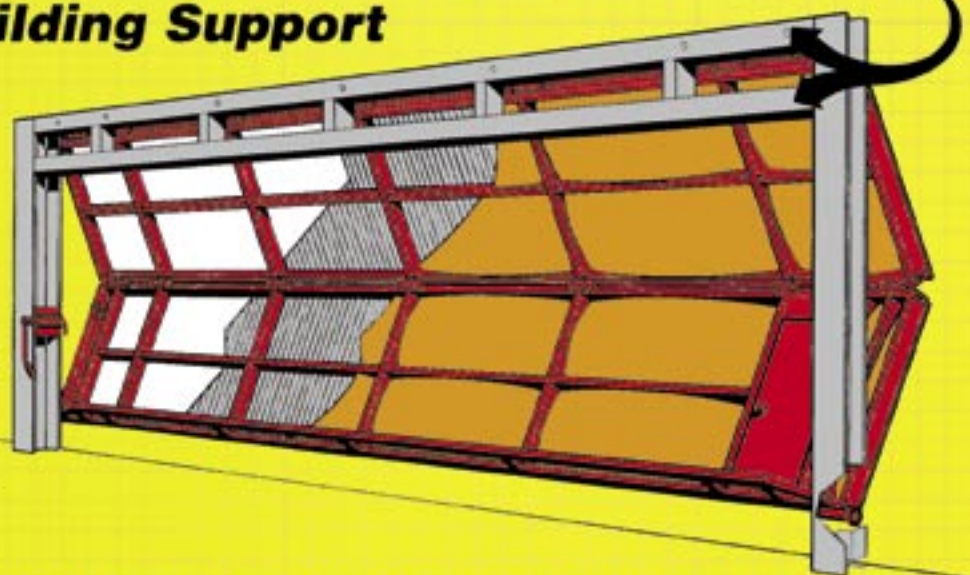
Extra Strength

FREE STANDING HEADERS

Need Extra Building Support

Why Use a Free Standing Header?

- It's a nice way to prepare an existing building for a Schweiss Door.
- It provides a clean, flat, flush surface to attach your Schweiss door to.
- The free standing header will offer extra strength.
- It provides a nice straight and level place to attach your door to - especially on those older buildings.
- It's a trade off - You would have to build a header up to your existing end wall and that's not free. (Labor & Material?)
- Free Standing Headers are made out of 4" x 4" 11ga. tubes (2 across the full width, 2 legs and base plates).
- Larger Free Standing Headers are made out of larger member sizes.
- The header comes pre-welded together. You must field weld both of the legs on.



RETROFIT ANY BUILDING

There is no door too small that we cannot build. We can custom cut corners to match your roofline. We provide options for internal / external truss, or top / bottom drives for your door. It's your choice.

Doors to fit your building for:

- Helicopter
- Biplane
- Overhead
- Commercial aircraft
- Crane
- Multi-plane facility
- Tee hangar
- Hangar Homes
- Outdoor stage



Retrofit Concrete Buildings



Very Large Doors

LOSE NO HEADROOM

CUSTOM CUT CORNERS

We can custom cut corners to match your roofline.

Square Cut •

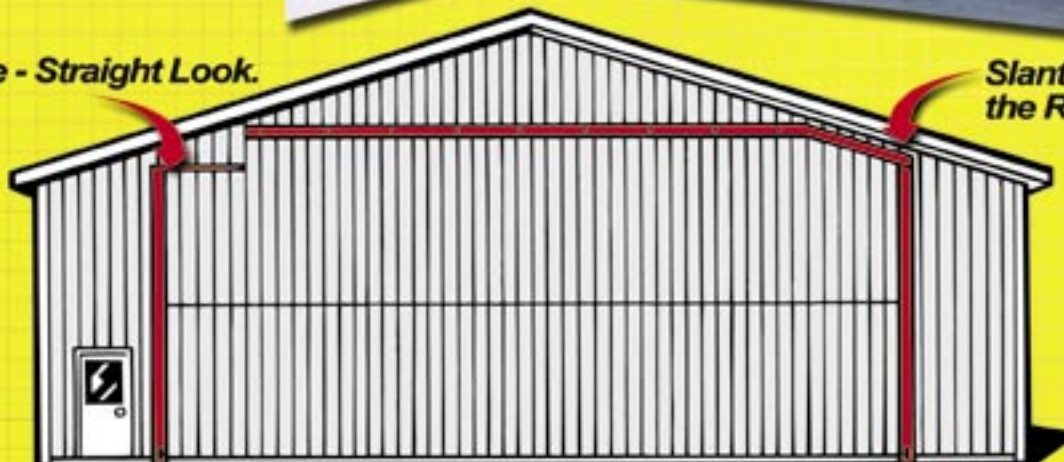
Lose no headroom with this special request option. We can cut custom corners when the overhead is in the way or to keep the door under the roofline.



Slant Cut •



Square - Straight Look.

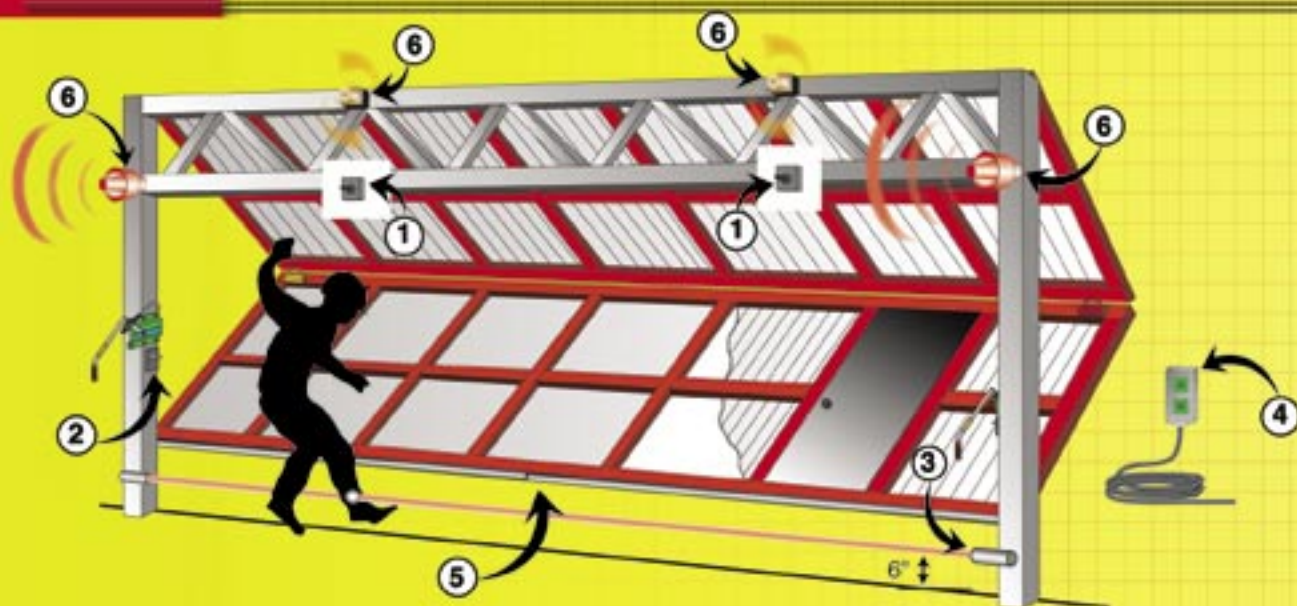


Slant - Follows the Roof Line.

Why Cut Corners?

- ✓ Overhang in the way.
- ✓ To keep the door under the roof line.

Optional **UPGRADE EQUIPMENT**



(Refer to the next page for details on each piece of upgrade equipment)

Schweiss strongly recommends that upgrade equipment be used on every door.

WARNING: Without proper safety equipment, the door could cause serious injury, death, or property damage.

Door Add-Ons

Walk Doors In the Door Frame

- The walk door feature saves indoor building space and keeps all openings in one location. We build the walk door framework into the Door. We use factory aluminum or steel walk doors of your choice. All walk doors have a keyed cylinder lock. Also available is keying multiple doors with a master key. We offer a 16" x 16" window within the walk door. Also we can paint the walk door to match the building.
- Walk door - Quantity / Placement - Your Choice
- Walk door - Insulated / With Windows
- Walk door - Keyed Lockset / Master Keyed
- Walk door - Frames Only

Windows In the Door Frame

- We offer a single or double insulated window. Commercial Grade. Sizes are 36" x 48". All windows have screens and slide open. Many other sizes available. Windows may be placed at any height or location. Allows plenty of natural lighting into your building.
- Speciality Windows are catching on fast, they really sharpen the appearance of your door and building project. It can be made to mirror the rest of the building structure, and adds a neat appearance.
- Windows - Any Size, Quantity and Placement - Your Choice.
- Windows - Insulated / Screens/ Sliders.
- Windows - Frames Only.

Metal Siding For The Door's Exterior (Not Included)

- When installing a door on an existing building, try to match the door sheeting with the building sheeting or substitute other materials.
- We can provide a self-drilling tek screw with a neoprene washer to apply any type of sheeting to your door frame. We offer special color screws to match your sheeting.
- External Door Sheeting & Trims.
- Wainscot & Trims.
- Color: Many Colors to Pick From... Your Choice.
- Inside Liner Sheeting Doors may be finished off in the inside -- Lined with sheeting.
- Alternate Exterior Siding / Skins

Decorative Door Covering: Many Choices to Pick From - By contractor or customer.

- | | |
|----------------------|----------------------|
| • Stucco | • Decorative Siding |
| • Cedar Siding | • Decorative Wood |
| • Total Glass | • Home Siding |
| • Translucent Panels | • Vinyl Siding |
| • Decorative windows | • Rock Face Material |
| • Custom Windows | |

Inside Liner Panel - Optional

- To give your door a finished look on the inside, we offer an inside liner kit for doing only the inside bottom half or the entire inside frame.

Optional **UPGRADE EQUIPMENT**

1 **Top Override Jiggle Switches**

Upper override switch that disconnects power to door if upper limit fails or if limits are overridden. This safety feature is designed to prevent the door from traveling beyond its recommended clear opening height. If the door passes its full clear opening height, it will activate the override and stop the door automatically.



2 **Side Latch Jiggle Switches**

Side Latch Safety Switches eliminate possible damage if door is opened while in locked position. These switches are designed to prevent the door from operating while the side latches are locked in the closed position.

3 **Electric Photo Eye Sensors**

Electric Photo Eye Sensors are mounted near floor level used to prevent or stop the door from closing when an obstruction breaks the detection beam. All Bi-Fold Doors installed on residential garages must be equipped with an electric photo eye.



4 **2 Button, Constant Hold Control Station**

2-button constant contact dead man switch, which prevents operator from leaving control panel while door is in motion, either up or down. With this type of switch the door will not move in either direction unless the operator is pressing either the "Up" or "Down" button. When the operator takes his hand off the up /down button, it will stop the opening or closing of the door in any midpoint position. The motor will automatically stop when the door reaches either the full open or closed position.



5 **Door Base Safety Edge**

Electrical sensing switch along bottom of door to stop door if it comes in contact with an obstruction, door will then reverse to a fully open position. Safety edge must be capable of protecting the entire width of the door opening.



6 **Warning Lights and Horn**

This optional feature is designed to alert persons in the area of the Bi-Fold Door that the door is operating. When the door operator activates the door, a warning light rotates and a horn sounds. This feature is especially recommended for doors that will be equipped with radio controls or other remote features.



7 **Entrance Lights**

Lights up the doorway entrance when activating the door with a remote control system. (Very Nice Feature)

8 **Emergency Back-Up Hand Crank**

Door is capable of being manually operated in the event of a power outage. Included is a disconnect device to prevent motor from operating when manually operating door.



MORE ABOUT

Schweiss Doors are Custom Made To Any Size

All our doors are custom made. We build each door to fit your clear opening without using up any existing headroom. There are no odd size doors.

Placement of the Door onto the Building

All Doors are mounted above your clear opening on your building, choose the mount style below.

Flush Mount : Door shall be mounted flush with exterior walls of building. - Select one

Face Mount : Door shall be mounted on the exterior walls of building. - Select one

Bi-Fold Door Framework - Fabrication / Construction Requirements

All doors are factory welded and made of structural steel tubing: and consists of a top half and a bottom. Doors are hinged horizontally at the top & center, and the door frame when opening moves the frame out & up. When the door is in the open position, a slight slope directs drainage away from the building. Doors are trussed to provide extra strength. Extra metal in the right places eliminates any bowing or sagging when the door is open or closed. Each door is fully assembled from the factory, saving you hours of installation time.

Lose No Headroom

Wedge Size: Is the distance your door is mounted above the doors clear opening. Schweiss custom builds each wedge so the customer DOESN'T LOSE ANY HEADROOM. We offer the wedge size that will allow you to keep your building structure a standard height which will save you dollars. As you can see we have the lowest headroom available

Bifold Door Wedge Chart: 12" 24" 30" 36" & 48" — Custom any size wedge

Hydraulic "One Piece" Wedge Chart: 5" — Lose No Headroom

Heavy Duty Hinges

Heavy Duty Hinges by each upright on your door frame evenly distribute the load on your door and building truss header. All Schweiss Door frames have top hinges factory pre-located to align with the building truss members. Schweiss Doors have extra heavy outside hinges that secure your door to the buildings side column.

Heavy Duty Door Trusses

All of our doors are trussed to provide extra strength. The most popular style truss is the internal truss because it provides a "Clean Look" to the exterior of your building. See the following styles.

Style One: Internal Truss "Nice Clean Look" — Customers 1st Choice. An extra heavy duty truss is installed on the interior side of the door frame.

Style Two: External Truss - standard on "One Piece" hydraulic. Provides an extra heavy duty truss to the exterior side of the door frame.

Wind Pins

Center wind pins - 1" diameter minimum - Furnished on door frames to increase the wind load strength & provide a sturdy installation

Weight of Each Door

Approximately 2.5 pounds per square foot. Give us the exact size of your opening and we will verify the proper weight of your door.

Door Speed

Each door has its standard speed from the factory. Starting at 30 seconds to 1-1/2 to 2 minutes depending on the size of the door. We can change the speed of any door. The New "LIFT STRAP" naturally makes your door open Faster which is a strong selling point and we offer a Fast Lift Kit. Just ask for it.

Paint

Every Schweiss Bi-Fold Door is carefully prepared for painting. The door frame members and parts are also finished with gray primer. Upon request, we will custom paint your door to match your building. We offer matching touch up paint to take care of any slight painting defects or nicks.

Each Door is Secure in the Closed Position

Designed to hold the door frame securely against the building when the door is in the closed position.

On a Bi-Fold Door: Either automatic or manual latches and wind rails hold the Bi-fold door in tight in the closed position.

On a "One Piece" Hydraulic: Hydraulic valves hold the "One-Piece" door in tight in the closed position.

SCHWEISS DOORS

Electric Power Operator: Bottom Drive / Top Drive

Bottom Drive Operators - Standard: Bottom drive assembly can be easily inspected and maintained.

Top Drive Operators - Your Choice: Top drives are up and out of the way - Very important for certain applications.

Your Choice !!! Bottom drive or Top drive, No extra cost!

Motor Sizes

We provide ample hp so you can stop your door at any position and change direction without lack of power. Motor sizes are 1 1/2 hp - 3 hp - 5 hp. Each door has its own requirements. Motors are factory wired with high starting torque, reversible, continuous duty, class A insulated, complying with NEMA MG 1, sized to start, accelerate, and operate door in either direction, from any position. All of the electrical motors are fused / overload protection.

Voltage / Phase - Electric Requirements

We offer 110 volts or 220 volt single phase (3 phase is optional) -- your choice.

Door operators are pre-wired and factory tested, complete with 24 V.A.C. control system.

Purchaser provides & installs conduit required.

Up/Down Switch - Standard Dead Man Control Station

Standard on all doors with low voltage. One Step Operation. A Touch of a Button Starts motor and activates door.

The button lets you open/close/stop your door at any height. The motor automatically stops when the door reaches either the full open or closed position.

Automatic Limit Switches (Standard)

Heavy duty limit switch box interlocked with motor controls automatically shuts the door off when it reaches its fully open or closed position. Each bifold door has a recommended clear opening setting, by the manufacturer. Do not over travel the door beyond the recommended setting.

Electrical Disconnect (Standard)

We provide an Electrical Disconnect to completely disable the door, for service, maintenance, & emergency backup operations. Mount the disconnect so it is accessible from floor level.

Emergency Backup System - (Optional)

• All Doors have an electrical disconnect to allow manual operation by an emergency backup system if the power is lost. In the event of a power failure there will be no loss of security to your door or building choosing one of the backup systems listed below.

- Manual Backup-HandCrank
- Powered Generator.
- Battery Powered Drill - Simple, Easy, Fast!!
- Emergency Hydraulic Coupler Fittings - Tractor Powered.
- Emergency Back Up System 12 Volt D.C.

Weather Seals - That Give your door a Tight Fit

Bottom Rubber Seals

We furnish a 12" rubber boot that seals the bottom of your Door. The heavy 2-ply, cloth - inserted rubber seal provides excellent weather proofing. Note: Existing bituminous surface / concrete varies and seals should be placed accordingly.

Top Rubber Seal

This same continuous rubber seal can be used at the top of the door to prevent flow of moisture into the door or building.

Side Weather Seal Kit - Gives Your Door a Tight Seal

The Doors are made very weather tight. The sides of each door are sealed off with a special weather stripping. The entire door perimeter can be made weathertight.

Cold Weather Package - Easy To Insulate

• All of our automatic doors are easy to insulate with blanket, foil or hardboard. The thicker the door frames, the more insulation you can apply, for a better R factor.

Placement of Insulation

- You can place the insulation between the door frame and the outside sheeting.
- You can place it between the door frame members.

Styles of Insulation available:

- We design our door to accept the insulation of your choice.
- 3" or 4" Blanket with white vinyl backing.
- Solid - R - Board 1-1/2" Thick or More.
- Spray on Urethane.



6 STYLES TO CHOOSE

1st "S" Strap Doors - Bi-Fold Doors

Quality - Our Top of the Line Door - Best Door Money can Buy

New patented "Lift Strap" System features durable polyester material. The number depends on the size of the door and adequately sized and lifting drums are in sufficient amount to give 5:1 safety factor.

How Do The Straps Work

The straps wrap around the lift drums as the door opens, as the drum's circumference increases, the door opens faster. It's ideal: the door opens slowly, then picks up speed.

Why Consider The "New Lift Straps"

Already 80% of our doors get ordered with "THE NEW LIFT STRAPS SYSTEM" so it is obvious customers are catching on fast and for all the right reasons... It's a clean, strong design which makes it Faster, Safer, Simpler, Easier, Quieter, Smoother and most important it's been "Proven". Be sure to read our latest literature on the "New Lift Straps".

Framework — 3" x 3" Square Tubing or 2" x 2" Square Tubing

Power Unit — Top or Bottom Drive Available – Electric Operated

The gear motor is equipped with an electric brake, to guarantee, to stop and hold door in any position of door travel. Electric operator is pre-wired and fully assembled. The motor and gear box and all necessary hardware are included. All drive bearings come standard with grease fittings. Our heavy duty components ensure you many years of use.

Lifting Method — The solid steel driveshaft has 3" lift drums mounted by each lift point on the bottom cord of door and runs continuously along entire door width providing an even lift at all times. Each lift point has greasable bearing mounts. We use 2, 4, 6, etc... lift points on each door depending on the size of your door. The 3" lift drums are shielded to avoid any potential hazards to people.

Bottom Rollers — Mask Bearings - Extra Heavy Duty Roller Bearings Wheels - 3"

2nd "S" Cable Doors - Bi-Fold Doors

Uses heavy 1/4" aircraft galvanized steel type lifting cables. The number of lift cables depends on the size of door. All cables are sized & the lifting drums are in sufficient amount to give 5:1 safety factor.

Framework — 3" x 3" Square Tubing or 2" x 2" Square Tubing

Power Unit — Bottom Drive - Electric Operated

The gear motor is equipped with an electric brake, to guarantee, to stop and hold door in any position of door travel. Electric operator is pre-wired and fully assembled. The motor and gear box and all necessary hardware are included. All drive bearings come standard with grease fittings. Our heavy duty components ensure you many years of use.

Lifting Method — The solid steel driveshaft has 3" lift drums mounted by each lift point on the bottom cord of door and runs continuously along entire door width providing an even lift at all times. Each lift point has greasable bearing mounts. We use 2, 4, 6, etc... lift points on each door depending on the size of your door. The 3" lift drums are shielded to avoid any potential hazards to people.

Bottom Rollers — The wheels at the bottom of the door jamb roll up each side column.

We use EXTRA heavy duty bearings that measure 3" that provide a smooth operation.

WE GIVE YOU CHOICES

3rd "HYD" "One Piece" Hydraulic Door

Framework—2" x 4" Square Tubing --2 " cross tubes

Power Unit—Electric over Hydraulic Power Unit

- Self contained Electric / Hydraulic Power Unit comes from the factory fully assembled and ready to operate your door trouble free for years to come. Each power unit has a oil reservoir, a direct drive motor to the hydraulic pump protected by an oil filter (Standard on all models) complete with gauges. Each power unit is set up with universal wall or floor mount brackets, and are very easy to install. What makes our power unit stand out from other models on the market - The motor is sized to lift your door for many revolutions for years to come. **ALL SCHWEISS POWER UNITS ARE READY TO WORK. THEY EVEN HAVE THEIR OWN TEST CORD FOR EASY INSTALLATION OF YOUR DOOR. CONVENIENCE FOR THE CUSTOMER INSTALLING HIS OWN DOOR.**

Lifting Method — Hydraulic doors are opened with 2 Hydraulic cylinders with safety built in. There is one cylinder located on each end of the door. Both hydraulic cylinders are used to raise and lower the door. Schweiss provides extra heavy duty cylinders that will give you many years of use on your door with trouble free years of operation.

4th "D" Designer Doors (Hydraulic & Bi-Fold)

We have the reputation for creating distinctive, custom designer-style doors. With your thoughts, and our door expertise, together we will design the ultimate door for you to exactly match the designer door of your dreams. If you can think it, we can make it. Let your imagination run wild, as we begin with the best, and move higher, exceeding your every expectation. We don't just build our doors for anyone — we build our doors for only one — you!

5th "H" Hand Operated - Bi-Fold Doors

Used where power is not available (Door must be of great quality)

Framework — 1.50" x 1.50" Square Tubing

Power Unit — Manually Operated with a Mechanical Hand Winch - Not Electric

Lifting Method — Cables or Straps operated with a Hand Operated Mechanism

6th "A" Aluminum Framed Doors

Schweiss offers a Aluminum framed doors. We manufacture our Aluminum frame doors like no others — built with style and most important strength of the members. We manufacture the door frames out of square and rectangular members to give the nice clean appearance. You add the new lift straps to our Aluminum doors. Now you have the best of both worlds, the popular lift straps and the cleanest lookin door in the world.

**As you can see
we offer you
many different
styles and
choices of
doors to give
you exactly
what you need.**



Aluminum Door Construction



Hydraulic Pump Unit

**Visit us at:
bifold.com**

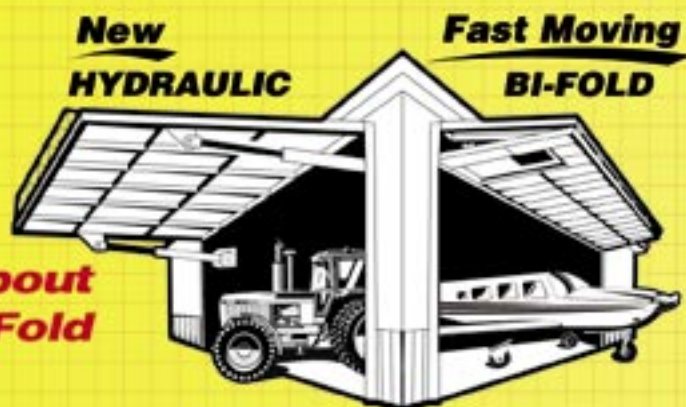




**Many Styles
to Choose From!**



LET'S TALK SAFETY



Important: **Information about** **Automatic Bi-Fold** **Door Safety**

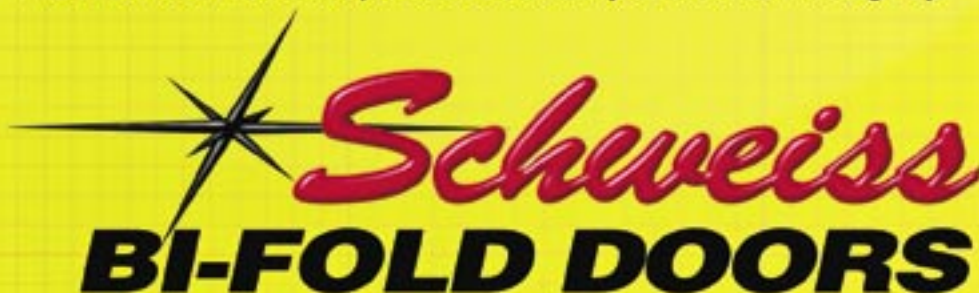
Upgrade Features for your Automatic Bi-Fold Door

While your Bi-Fold Door opener provides convenience and security, it is important to follow some basic safety practices. Your Bi-Fold Door is probably the largest piece of moving equipment on your building and can be potentially dangerous if adequate protection is not used. We offer additional entrapment protection for your Automatic Bi-Fold Door. You have a choice of upgrade equipment. See page 30 for details. **Please feel free to talk to us at the factory about the different upgrade equipment available, and select which one is best for you or the customer and the end user.**

DOOR SAFETY TIPS

- ✓ Do not stand or walk under a moving door.
- ✓ Do not let anyone play "beat the door."
- ✓ Do not let children play with or use the bi-fold door, transmitter, or remote controls.
- ✓ The push button wall control should be mounted out of the reach of children.
- ✓ Unlatch the side latches before operating the door.
- ✓ Never leave the electrical controls while the door is operating.
- ✓ Keep door in full view and free of obstructions while operating.
- ✓ **POWER SHOULD ALWAYS BE DISCONNECTED** whenever installing, wiring, or servicing a door operator or automated door system.
- ✓ Visually inspect the door and its hardware monthly for worn or broken parts and out of adjustment conditions.
- ✓ Keep the cables / straps the proper tension and in good condition.

This information has been provided as a safety awareness message by:



Visit us at:
bifold.com



WE GIVE YOU MORE

- ✓ ***We can insulate your Bi-Fold Door.***
- ✓ ***We can line the inside of the door.***
- ✓ ***We can seal your door weather tight.***
- ✓ ***We can open the entire endwall.***
- ✓ ***We can get the most out of your building.***



SAFE INSTALLATION PROCEDURES

- ✓ Door operators and associated control equipment should be installed and serviced by qualified professionals. Professional installers should observe the following safe installation procedures.
- ✓ All warning signs and warning labels should be placed as indicated in the door installation manual and the safety decal placement guide manual. This must be done and rules over the protest of the building owner.
- ✓ The operation of the door, controls, and upgrade equipment should be reviewed with the owner and/or end user of the automated door system. He should also be informed of the need to maintain the control and upgrade equipment on a regular basis. Upgrade equipment should be checked at least once monthly to ensure that it is working properly. All installation manuals, instructions, and safety information should be left with the owner.
- ✓ Call the factory if any problems or questions need to be answered.

“WE WILL INSTALL”

We have our own factory trained crews to install your Bi-Fold.



Schweiss Install Team

Installation Kit Available

All our doors are easy to install. Our installation kit makes installation easy. Or we have crews to install your door.

✓ **We do all the work from start to finish.**

✓ **We travel anywhere.**

✓ **The job is done right.**

Easy to Install: Full Set of Detailed Instructions are included with Each Door.

Installation Kit: Installation by CUSTOMER / CONTRACTOR

- Schweiss Provides you with step by step procedures on how to install your Bi-Fold Door. Installing the door yourself can cut costs. Many customers choose to install their own doors. We also have phone support service to answer any questions you may have during installation. You may also have a qualified local contractor install your door. All of our Bi-Fold Doors are shipped fully assembled. We provide all necessary hardware for installation.

Factory Installation Available:

- We have our own crews travel to the job site. Schweiss does a "Turn Key Job!"
- When Schweiss installs, we deliver the door to the job site.
- Schweiss has its own crews to install your door. We deliver the door and completely hang it so it's fully operating when we're done.
- We charge for the installation and mileage costs.
- Call for rates.

On Site Supervisor Available:

- Install representatives from Schweiss will supervise the assembly and installation of your door.
- We have an on site supervisor to take you through each step of installation.
- This saves money and ensures proper installation.

Final Inspection Service Available: Startup Services Available

- If you choose to install the door yourself, or for any other reason, we can provide a Schweiss installer to completely check your installation job to make sure the door is installed and operating properly. We also can provide a qualified Schweiss service representative to perform startup services and to train owners and maintenance personnel as specified below:
 - 1 Test and adjust controls and safety items.
 - 2 Inspect operating hardware items, leaving doors safe and in proper operating condition.
 - 3 Review with the owner the information in the installation and maintenance manuals.
 - 4 Train owners maintenance personnel on procedures and schedules related to startup and shut down, operating, troubleshooting, servicing and preventative maintenance.

TURN KEY JOBS AVAILABLE

We travel anywhere



Schweiss Installation Progress



Schweiss Completed Installation



Schweiss

Closes the door on competition

New

ONE PIECE

Another
Great Idea



For years Schweiss has been manufacturing only the highest quality doors and we never fail to innovate new products in the door market. After many successful years of producing Bi-Fold doors, Schweiss also offers the "One-Piece" hydraulic door as another door alternative and we continue to keep our customers satisfied with quality and superior customer service.

One Piece

• **Lose No Headroom**

• **Seals Tight**

• **Any Size**

• **Faster**

Fast Moving
BI-FOLD



Thanks

HYDRAULIC DOOR

*External Truss
- Standard*



One Piece
HYDRAULIC

Schweiss
The Door Leader





Schweiss

BI-FOLD DOORS

NEW HYDRAULIC

bifold.com



**"The best Bi-Fold Doors
have our name on them."**

(Autumn and Lark Schweiss)

Look for Quality ... Look for Price ... You'll buy from Schweiss Bi-Fold Doors

When building our doors, we do not skimp on material! The door frames are made out of heavy square tubing with a truss in the center and bottom of the door for extra strength. We have our doors engineered and designed so our metal is in the right places to give you a good, strong, clean door that will stand up and work for you! This super construction lets us offer you the best warranty in the business. We have four different models of bi-fold doors, each at a very competitive price.

Warranty - 2 years on Material and Workmanship.

- In addition to the specified warranty, the door manufacturer shall warrant the original lift straps for a period of seven years against defects.

Freight, Delivery and Lead Time

- We ship anywhere. Best Rates in the Industry!
- Schweiss delivers materials and products in manufacturer's labeled protective packages.
- We ship our doors on our own flatbed. We can ship common carrier.
- Overseas freight rates available. Call for freight rates.
- Normal lead time is 3 to 4 weeks from the day the order is placed. Call factory for exact shipping date.

Thank You

Thank you for this opportunity to provide you with specific information on the most durable, dependable Bi-fold door in America. We say this because we will work with you, your building architects, your contractors, even your building supplier.

We'll Assist You - Why?

To make absolutely CERTAIN that the Schweiss door you order will fit you clear opening perfectly, and that it COMPLIMENTS your total building, we provide door weights, loading hinge locations, A1-A6 spec sheets and virtually every fine detail needed for your decision. We also provide shop drawings to assure you that your door fits your new or existing building. We encourage your questions. **Call 800-746-8273. Visit us at Bifold.com.**

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