



Custom Hydraulic Doors and Windows  
Architectural / Commercial / Residential



INNOVATIVE - UNIQUE - EXCEPTIONAL



## WHY CHOOSE CROWN?



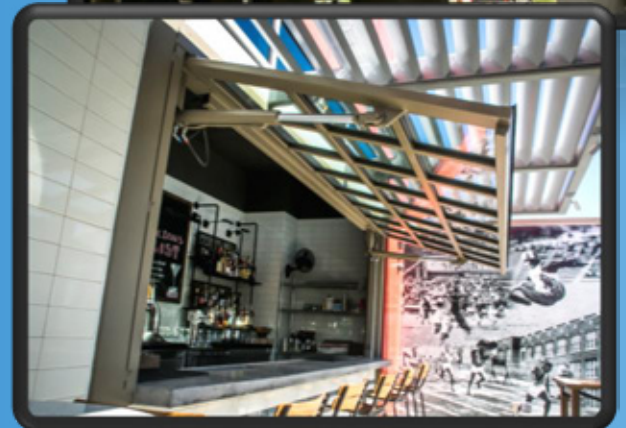
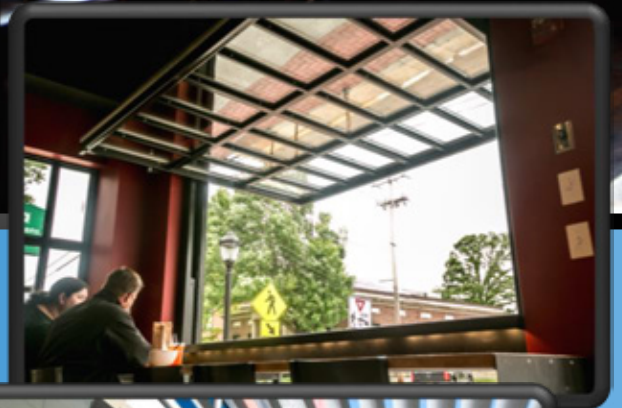
**Hydraulically-Operated:** The use of hydraulic cylinders eliminates cables, straps, belts, locking mechanisms, pulleys, counter-weights, springs, etc., offering the cleanest and least obstructive panel face in the market.

**Safety:** Through the use of our custom hydraulic system, we have eliminated all pinch points and moving parts typically associated with cable/strap/counter-weight systems. We provide a manual let-down feature to close the system in the event of a power failure.

**Remotely-Located Power Unit:** The power unit may be located anywhere in the building, thereby providing customers quieter operation and a cleaner look.

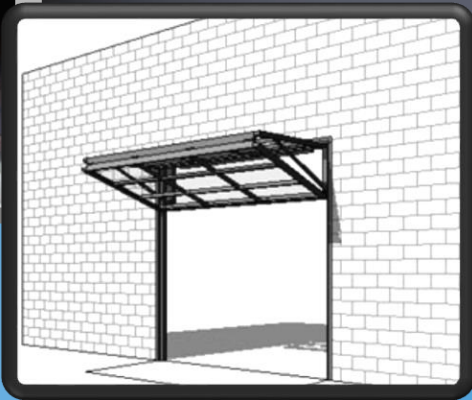
**Reduced Installation Costs:** The simplicity of the pre-hung mounting frame means installation is simple and straight-forward.

**All-Steel Construction:** Narrow steel profiles allow greater glass volume and visibility.



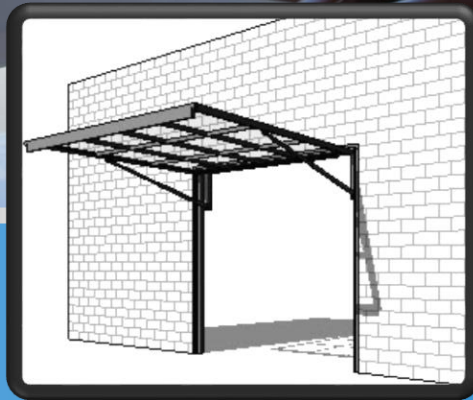
# - DESIGN INTENT -

## WHICH PRODUCT BEST COMPLIMENTS YOURS?



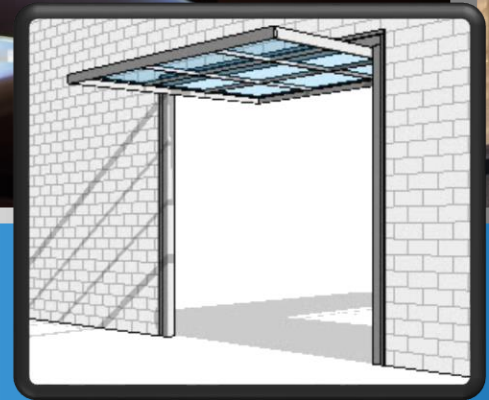
### SST-II Bi-Fold System:

The patented SST-II Bi-Fold System is the only hydraulically-operated Bi-Folding System available in the market; perfect for operable storefront windows and full-sized doors alike. The SST-II System uses no cables or straps, resulting in a very clean, unobstructed panel view. The SST-II System is available in custom sizes to 24' x 20' high.



### Single-Swing System:

The Single-Swing System is our premier hydraulically-operated single-piece door or window. The system is capable of opening fully, to a 90 degree position, creating a full-sized awning for protection against the sun and elements. The Single-Swing System is available in custom sizes to 30' x 20' high



### 50/50 System:

The patented 50/50 Hydraulic System combines several of the best features from our SST-II Bi-Fold and Single-Swing Systems. The 50/50 provides an incredibly clean opening, requires minimal space in the open position and requires no maintenance. The 50/50 System is available in custom sizes to 24' x 12' high

# - CUSTOMIZATION -

## AVAILABLE FEATURES AND OPTIONS HELP SET CROWN APART



### Standard Features:

- Shipped with rust-resistant, red-oxide primer, ready for field finishing
- Manual lowering system in event of power failure
- Maintenance-free cylinder pins
- Total security without the use of locking mechanisms. Hydraulic cylinders close the system with 1,000+ lbs. of force
- Full-perimeter weather seals
- Integral mounting frame to minimize loads on the structure and simplify installation
- Constant-contact key or 2-button control
- Precision welds at all frame joints
- No floor track required - Nothing to impair movement in and out of the building
- Clean aesthetics - Greater visibility
- Hydraulics eliminate the need for limit switches
- All major parts are made in the USA

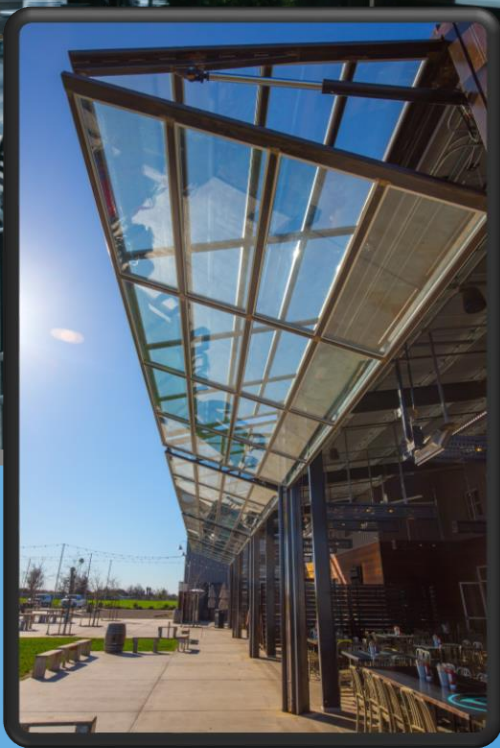


### Available Options:

- Optional bare steel framing, factory-applied RAL powder-coat finish, or stainless steel framing for corrosive environments
- Exterior, weather-resistant control
- Photoelectric or lead-edge sensor
- Warning horn/strobe light
- Remote receiver w/transmitter(s) for mobile operation
- DC battery back-up system
- Factory-supplied glass retainer and glass inserts \*

\* Material is shipped along-side hydraulic systems, to be installed in field

# - CREATIVE DESIGN & ENGINEERING EXCELLENCE - LEADING TO INNOVATIVE PRODUCTS



## Warranty

Our commitment to our customers is to provide the best product possible, backed by the best warranty in the industry.

Crown Doors, LLC warrants the main frame of our doors, and all parts, components and assemblies against defects in materials and workmanship for a period of twelve months from the date of delivery.

For full warranty details, including optional extended warranties, please contact us at [info@crowndoors.com](mailto:info@crowndoors.com).

About  **CROWN**

Crown Doors, LLC leads the market with pioneering design, and high-quality materials and manufacturing. We provide long-lasting, hydraulically-operated door and window systems with extensive support which equates to reduced cost of ownership. Based in Plato, Minnesota, our products are shipped to customers throughout the United States and internationally. We continually strive to produce exceptional products using all the resources and technology available to us, and we have found the best resource is the feedback of our customers. For more information, please visit our web site or email us at [info@crowndoors.com](mailto:info@crowndoors.com)



  
**CROWN**

   
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