Dual Panel Automated Door Drive - guillotine - one up one down, close flush

- Used for many different applications – two doors, one goes up and one goes down.
- Doors tilt back approx. 2.5 inches and move behind a fixed panel.
- When closed the doors are flush with the surrounding panels.
- The fixed panel above the top door must be chamfered so that the movable door can tilt back properly and the fixed panel below the bottom door must be chamfered so that the movable door can tilt back properly.
- Straps for bottom door must be hidden on the sides so that straps are not visible when doors are open.
- The door drive is a motor tube with lifting straps. Starting and stopping points for the door are set at installation.
- Doors are not included. System includes tracks, motor drive and controls.
- Controls available include IR remote, RFQ remote, low voltage switch, 120 volt switch and Home Automation Integration.
- Custom guides and roller assemblies available.
Top Door

Motor Tube

Lifting Straps (attach to back of door)

Guides

Roller assemblies with extensions

Lifting Straps (each side)

Shaded area - trim and fixed panel around door

Top Door

Bottom Door

Extensions attach to back of door
Guides/tracks on each end. Can also be moved out laterally with plywood extensions (not included) added to the roller assembly.

2 inch diameter Motor Tube

Fixed panel in front

Motor Tube – can also be placed lower or anywhere it can implement proper leverage

1/8 to 3/16 gap

Fixed panel in front must have 60 degree chamfer

Note: only top door shown here

8 inch minimum (approx.)

Guides/tracks

OPEN

Lifting straps for top door (each side)

Lifting straps for bottom door (each side)
NOTE: Front of guides will align with the back of the door

NOTE: Custom roller assembly designs also available
Guides

Fixed Panel with 60 degree chamfer

Seam for doors and guides are in same location

1/8 to 3/16 gap

Length of Guides is typically twice height of both doors plus a few inches

Motor Tube

Door panels will tilt back 2.5 inches as they raise

Fixed Panel with 60 degree chamfer

Length of Roller Assembly depends on height of the door

Side View
Outside Straps attach here (approximately) for bottom door

This roller should be at the curve in the track when installed

This roller should be at the stopping point in the track when installed

Inside Straps attach directly to back of top door