Single Panel Automated Door Drive - Straight Up and Down, Open Area

• Typically used for when an open area for shelves needs to be available above the closed door.
• Door only moves straight up and down.
• 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.
• Photo eyes available upon request.
• Custom guides and roller assemblies available.
Open Area – for shelves, display, etc. Door covers this area when raised.

Shaded area is cabinet face frame required to hide motor and lifting straps.

Note: The open area can also be below the door closed position.
Straps each side (connects to Roller assembly)

Roller Assembly

Motor tube- 2 inch diameter

Top view

Guides/tracks on each end.

1 1/2

Door

5" minimum

Face Frame

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

Motor Tube - 2 inch dia

2.5

Guides/tracks

Fixed panel and trim

OPEN

Side View

CLOSED

Guides/tracks
Guides and Roller assemblies

Top View

Guides/track

Roller Assembly

Extension

Door

Cabinet face frame

Lifting straps attach to roller assembly extension

Lifting straps attach to door

NOTE: Front of guides will align with the back of the door

NOTE: Custom roller assembly designs also available
Guides and Roller Assemblies

Guides/tracks

Length of Guides is typically twice height of the door plus a few inches

Roller Assembly

Length of Roller Assembly depends on height of the door
Roller assembly Extensions

(Available by request)

Straps attach here (approximately)

Height depends on the height of the door

Roller assembly with plywood extensions

Door

Extension

8”
Motor Tube Mounting Brackets

Right side steel motor brace Secures with 2 to 4 screws

Left Side idler bracket - 1.75 dia

Secures with 3 screws

Motor head

Motor tube – 2 " dia

5 to 6"

1"

Motor Tube Mounting Brackets

Side View Motor End

Front View Motor end

Side View NON - Motor end

Front View NON - Motor end
Lifting Strap brackets

Clip rotates on this axis

Single hole metal clip

1"