Automated Pivot System - 75mm (3”) Door

Features

1. **CS Motor and Gear Box**
   Supplied pre-fitted to lintel. Precision cut metal gears & oil filled gearbox provide reliability & strength that allows the motor to lock doors in place without the need for solenoid or magnetic locking devices.

2. **Controller**
   Fully customizable with many standard operating modes. Includes built in safety beam controller, built in object detection, smart learning modes.

3. **Under Lintel Access Panel**
   Motor and controller can be accessed from under side of lintel. Flush detail is hidden by door once installed. Door moved to a “service position” allows for the motor to be removed from the lintel without the door being removed. The door can be used manually while motor is serviced.

4. **CS AluTec Door Leaf**
   Sturdy pre-finished 75mm (3”) thick aluminium door available in a large range of colours. Curved edge clashing enables minimal clearance.
   Max. door size with no sheet join: 2300 x 3000mm (90½ x 118”).
   Maximum Door Weight: 400kg (880lb).
   Seal carriers are fitted to top and bottom of door.
   Seals to be fitted are optional and will affect door clearances.

5. **Door Clearance**
   Clearance above and below door is adjustable from 10-20mm (13/32” to 25/32”).

6. **Bottom Pivot Assembly**
   Finished flooring is fitted around the cup and the cap is fitted on top of the finished flooring.
   Adjustment is available in all directions to aid installation. Minimum pivot point 250mm (9-27/32”).

Adjustment

Top pivot adjustment mechanism

Bottom pivot adjustment mechanism

How to specify (example)

- **Product:** ~ CS Auto Pivot Door System by Cavity Sliders
- **Location:** ~ Lobby
- **Door type:** ~ CS AluTec 75mm (3”)
- **Door size:** ~ 2.2m wide x 3m high (7’3” x 9’10”)
- **Door/Lintel finish:** ~ Matt Black
- **Operation:** ~ Push button
- **Pivot location:** ~ 300mm (11-13/16”)
- **Open/Close speed:** ~ Standard

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