

**100% PNEUMATIC (ALL AIR), EXPLOSION PROOF OSX
AUTOMATIC DOOR OPERATOR & INTERLOCK DOOR SYSTEM
QUOTE FORM**

(Formerly known as Stanley MAGIC-DOOR Pneumatic Door Operator)

Carey Automatic Door, LLC manufactures door operator systems which can be customized for hazardous swinging and sliding door applications (see attached). The entire system is driven by pneumatic cylinders and valves without the use of electrical or electronic components. Moving components are manufactured from non-sparking materials. Pneumatic exit devices compatible. Proven track record in environments with volatile chemicals. See attached description and customers served.

***Considered the Most Intrinsically Safe, Reliable, Durable and Cost Effective
Automatic Door Operator in the Industry since 1970!***

Please use one form per set of doors:

1. Is this a new installation or retrofit to an existing door? _____
2. Single door or pair of doors? _____
 - a. Width, height & thickness of doors _____
 - b. Weight and type of doors _____
 - c. Fire door application _____
 - d. Are doors in place? _____
3. If **Swing** Door (Operators can be mounted inside or outside of hazardous room):
 - a. Right Hand (clockwise swinging doors) _____
Left Hand (counterclockwise swinging doors) _____
 - b. "IN/PULL" (doors swinging under operator) _____
"OUT/PUSH" (doors swinging away from operator) _____
 - c. *Side Clearance _____
Distance required between jamb and side wall for door bracket.
 - d. *Height Clearance: top of door to ceiling or obstruction _____
 - e. *Reveal Distance _____
Distance from back of operator case to inside surface of door in closed position. Varies with door thickness and hanging.
 - f. Hinge hung, swing clear, center pivot or offset pivot hinges? _____

***Critical dimension.**

g. Are pneumatic exit devices required? _____
Carey to integrate into ALL AIR equipment. Pneumatic exit devices provide remote latch bolt retraction in hazardous areas where electrically operated devices would not be permitted. The air cylinder used in the device has a special actuating linkage that allows a mechanical override.

If exit devices are not present, manual latching is required to be removed from door.

4. **If Slide Door** (*strongly recommend utilizing Carey track & hangers as they are specifically manufactured for hazardous areas; all moving components non-sparking*):

- a. Specify RH or LH Operators: _____
RH operators if door opens toward the left when facing operators.
LH operators if door opens toward the right when facing operators.
- b. Height clearance: top of door to ceiling or obstruction _____
- c. Pneumatic safety/reversing edge (strongly recommended): _____

If **Carey Slide Door Track and Hangers** are required:

- d. Masonry opening width: _____
- e. 4" lap present on each side of door: _____
- f. Wall thickness to mount track: _____
- g. Door gauge: _____

5. **Activation Options** for ALL AIR Operators: _____

- a. Standard Activation: Push palm button or pull cord to open, hold open with 0-30 second time delay, automatic close: Spring Close (Single Acting), Power Close (Double Acting) depending on weight of door or Counterweight Close (Sliding Fire Door)
- b. Optional Activation: Push palm button or pull cord to open, stays open, push to close

6. **Manual Controls** (shall be either or a combination of the following): _____

- a. ALL AIR Palm Button Activation – where surface mounted palm buttons are required.
- b. ALL AIR Pull Cord Activation – for use in overhead applications and where wheeled traffic exists.

7. **Interlock Door Systems** for swinging and sliding door applications: provides for opening of one set of doors and latching of the other set to prevent simultaneous opening of both sets of doors.

- a. Distance between doors _____
- b. Length and width of airlock room _____

8. Access to central air supply or air compressor? _____
To be furnished and installed by the General Contractor, Plumbing Contractor and/or Automatic Door Installer. Consult Carey representative for capacity recommendations.

9. Is air conditioning present in the area of compressor to Operators? _____
Follow air line from compressor to operators to ensure all areas are air conditioned. If air conditioning present in one area (operator area) and not present in area of compressor (mechanical room) a refrigerated air dryer **MUST** be installed as close to the operators as permissible. Automatic bleed off valves and air storage tanks can be added to the system.
10. Solvents in area/NEMA Classification? _____
If Class 1, Division 1 or 2 Classification, Carey Automatic Door, LLC strongly recommends entire floor be 100% Pneumatic (ALL AIR), Explosion Proof as there is a remote chance that mixing of the air and gas could occur. Therefore, **ALL** equipment should be ALL AIR, Explosion Proof.
11. Special considerations? _____
12. Timeframe for project? _____
13. Drawings or schematics available & attached? _____
14. Architectural specifications available & attached? _____
15. If not certified door installer, referral needed for installation? _____
16. If existing area, please forward pictures _____
17. How referred to Carey Automatic Door, LLC? _____

Name

Date

Company

Job Name & Door No.

Address

Phone Number

Email

100% Pneumatic (ALL AIR), Explosion Proof Automatic Door Operators & Interlock Door Systems are ideal for: Pharmaceutical, Chemical, Manufacturing, Industrial, Ammunition & Ordinance Facilities, Oil Refineries, Industrial Bakeries, Coal Preparation Plants, etc.

Please feel free to contact us at (203) 267-4278 if you should have any questions. Thank you for the opportunity to quote this job.

Virtually Maintenance Free for 20 – 30+ years!

100% Woman Owned Small Business