

## Single Automatic Door System



## Double Automatic Door System



- For single and double doors on mills, lathes and other machinery.
- Improve ergonomics, eliminate manual door moving tasks.
- “Smart System” interfaces with machine’s control.
- Door reverses if met with an obstruction.
- Ideal for robotic applications.

### MANUAL MODE

Push button operator station for Open Door and for Close Door.

Reset button to recover from E-Stop.

A sensing edge reverses the door if any obstruction is encountered during the door closure.

After an E-Stop, a soft start valve slowly returns air to the door system. This prevents any rapid door movement upon recovery.

The door open command from push button will not function if spindle is running.\*

### AUTOMATIC MODE

M-function from parent machine commands the Door to Open.\*  
Opener sends a confirmation signal when the door reaches full open condition.\*

Separate M-function from parent machine commands the Door to Close.\*

Opener sends a confirmation signal when the door reaches a closed state.\*

Open Door commands are ignored if the spindle is running.\*

Terminals for all of the above are provided and labeled in the control panel.

An E-Stop push button is not supplied, but terminals are provided if the machine E-Stops are to be wired in.

\* Parent machine must be able to supply or receive signal.

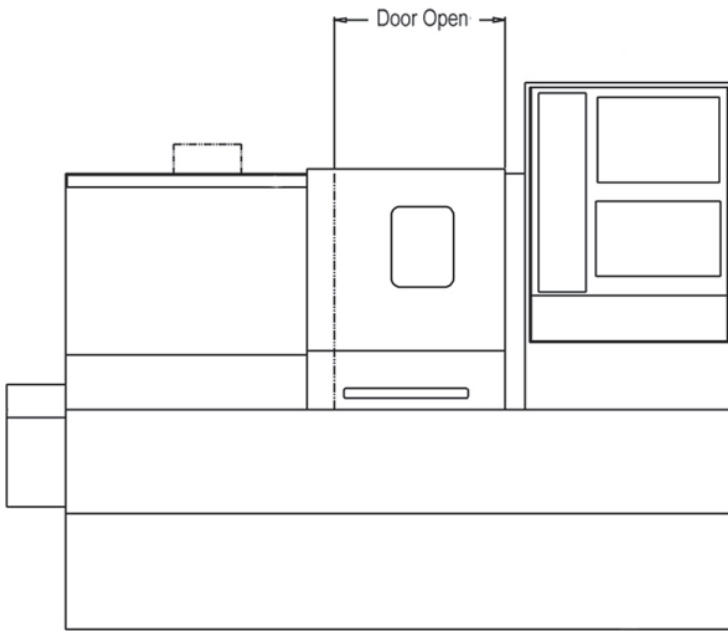
# Automatic Door Systems

for Mills, Lathes and Robotic Applications

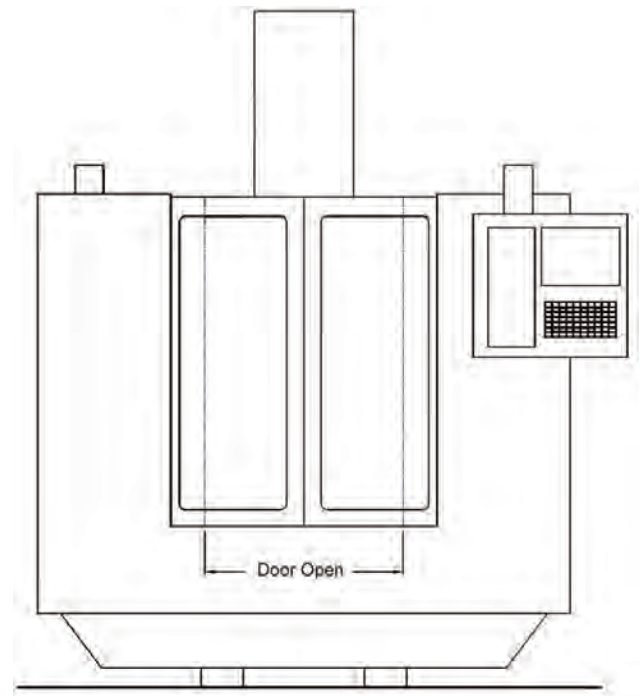
Automatically Open...



...and Close



For Single Doors from 18" to 60"  
(457mm to 1524mm)



For Double Doors 18" to 96"  
(457mm to 2438mm)  
call for custom size on larger door openings

**AUTOMATIC DOOR SYSTEMS** are designed to be easily installed with standard supplied hardware by most end users or distributors. If special mounting brackets are required they will be quoted at the time the specific machine information is reviewed by Midaco. Controller interface cable is included. This system can be interfaced with the machine's control and only requires standard shop air for easy installation. Interface installation is the responsibility of the end user or distributor. Sizes are quoted upon request. Please call to verify price and delivery on all projects.



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