

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.*

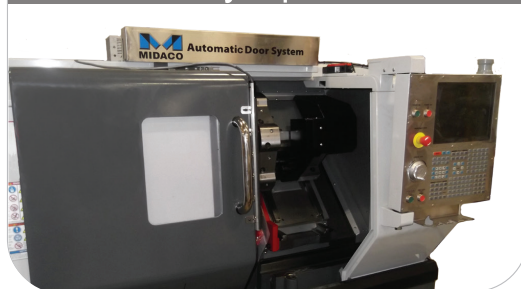
Terminals for all of the above are provided and labeled in the control panel.

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

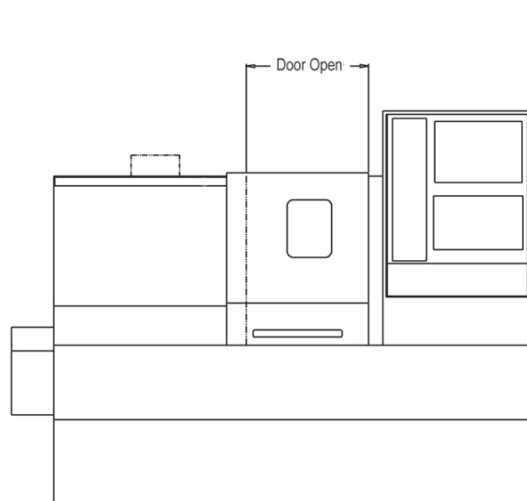
* Parent machine must be able to supply or receive signal.

Automatic Door Systems for HAAS Machines

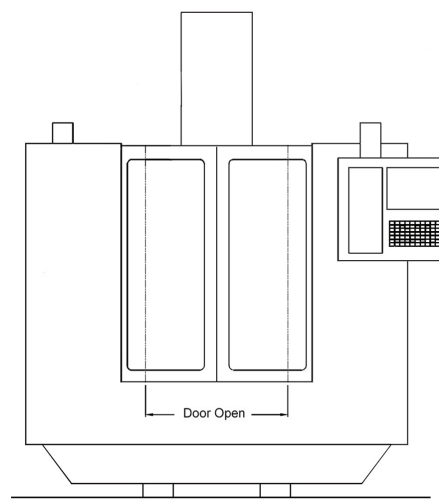
Automatically Open...



...and Close



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



For Double Doors 18" to 150"
(457mm to 3810mm)

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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HAAS Machine	Midaco Door Opener	Size	Door Opening
DM-1 & DT-1	ADS1824	18" to 24"	22" Single
DM-2 & DT-2	ADS2530	25" to 30"	27" Single
Mini Mill & Mini Mill 2	ADS1824	18" to 24"	24.25" Single
Super MM & Super MM2	ADS1824	18" to 24"	24.25" Single
TM-1 & TM-1P	ADD2134	21" to 34"	30" Double (15" ea. door)
TM-2 & TM-2P	ADD3546	35" to 46"	40" Double (20" ea. door)
TM-3 & TM-3P	ADD3546	35" to 46"	40" Double (20" ea. door)
VF0, VF-1 & VF-1YT	ADD3546	35" to 46"	36" Double (18" ea. door)
VF-2 & VF-2SS	ADD3546*	35" to 46"	36" Double (18" ea. door)*
VF-2TR	ADD3546*	35" to 46"	36" Double (18" ea. door)*
VF-2YT & VF-2SSYT	ADD3546*	35" to 46"	36" Double (18" ea. door)*
VF-3, VF-3SS & VF-3SSYT	ADD4764*	47" to 64"	48" Double (24" ea. door)*
VF-3YT & VF-3YT/50	ADD4764*	47" to 64"	50" Double (25" ea. door)*
VM3	ADD4764	47" to 64"	48.75" Double (24.375" ea. door)
VF-4 & VF-4SS	ADD4764*	47" to 64"	50.25" Double (25.125" ea. door)*
VF-5, VF-5/50, VF-5SS	ADD4764*	47" to 64"	50" Double (25" ea. door)*
VF-5XT & VF-5/50XT	ADD4764*	47" to 64"	50.25" Double (25.125" ea. door)*
VF-5TR & VF-5/50TR	ADD4764*	47" to 64"	62.5" Double (31.25" ea. door)*
VF-6 & VF-6/50	ADD4764	47" to 64"	61" Double (30.5" ea. door)
VF-6SS & VM-6	ADD4764	47" to 64"	36.75" Double (31.875" ea. door)
VF-6TR & VF-6/50TR	ADD7696	76" to 96"	83" Double (41.5" ea. door)
VF-7 & V-7/50	ADD7696	76" to 96"	81.5" Double (40.75" ea. door)
VF-8 & VF-8/50	ADD4764	47" to 64"	60.5" Double (30.25" ea. door)
VF-9 & VF-9/50	ADD7696	76" to 96"	84.5" Double (42.25" ea. door)
VF-10 & VF-10/50	ADD117	117"	117" Double (58.50" ea. door)
VF-11 & VF-11/50	ADD117	117"	117" Double (58.50" ea. door)
VF-12 & VF-12/50	ADD150	150"	150" Double (75" ea. door)
UMC-500	ADS2530	25" to 30"	27.6" Single*
UMC-750	ADS3748	37" to 48"	39" Single*, or 37.39" Single*
UMC-1000	ADS3136	31" to 36"	36" Single*
EC-1600	ADD4764	47" to 64"	63" Double (31.5" ea. door)
Lathes			
ST-10 & ST-10Y	ADS1824	18" to 24"	23" Single
ST-15 & ST-15Y	ADS1824	18" to 24"	23" Single
ST-20, ST-20Y & ST-20SS	ADS2530	25" to 30"	28" Single
ST-25 & ST-25Y	ADS2530	25" to 30"	28" Single
ST-30, ST-30Y & ST-30SS	ADS2530	25" to 30"	26.5" Single
ST-35 & ST-35Y	ADS2535	25" to 30"	26.5" Single
ST-40 & ST-45	ADS3748	37" to 48"	42.5" Single
ST-40L & ST-45L	ADD7696	76" to 96"	88" Double (44" ea. door)
ST-50 & ST-55	ADD7696	76" to 96"	88" Double (44.5" ea. door)
DS-30 & DS-30Y	ADS2530	25" to 30"	26.50" Single

*Additional Mounting Bracket required for certain HAAS Machines