

Air Slide Table

MXS Series

ø6, ø8, ø12, ø16, ø20, ø25

RoHS

Work table and air cylinder are compactly integrated.
Air slide table is suited for precision assembly.

Improved mounting repeatability of the workpiece and body

Machining of positioning hole

Auto switch mounting grooves designed for safety

An installed auto switch in the groove of the housing body is flush with the surface.

Axial mounting is possible.

Possible to use in an axial mounting position since the cross roller guide in the guiding parts is not properly preloaded and does not use a holding device.

Dual piston rod

The dual piston rod ensures twice the thrust of the current cylinder.






Wide variety of options

Adjuster option and function option can be combined.

Symmetric Type

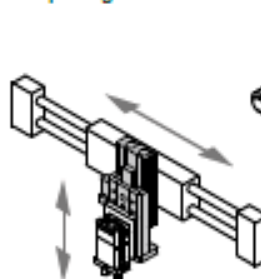
Port location and stroke adjuster position are in opposite places from the standard body.



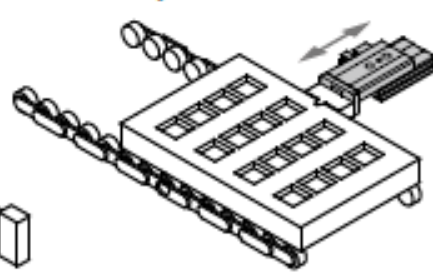
Adjuster options	Functional options
With stroke adjuster 	With buffer mechanism 
With shock absorber 	With end lock 
Axial piping type 	

Application examples

As Z-axis for picking and placing



For positioning pallets on a conveyor



MXH

MXS

MXQ□

MXQ

MXF

MXW

MXJ

MXP

MXY

MTS

D-□

-X□

Air Slide Table *MXS Series*

Series Variations

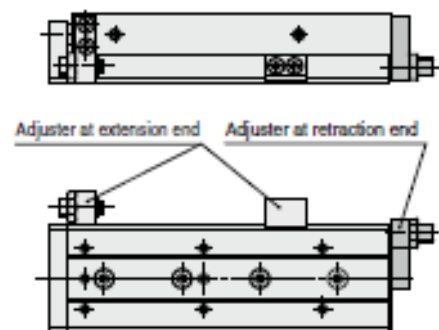
Model	Bore size (mm)	Standard stroke (mm)								Adjuster options		Functional options	Auto switch
		10	20	30	40	50	75	100	125	150	Stroke adjuster		
MXS 6	6	●	●	●	●	●	●	●	●	●	Extension end Retraction end Both ends	With buffer With end lock (Except for ø6) Axial piping type	Reed auto switch • D-A9□ • D-A9□V Solid state auto switch • D-M9□ • D-M9□V 2-color indicator solid state auto switch • D-M9□W • D-M9□VW
MXS 8	8	●	●	●	●	●	●	●	●	●			
MXS12	12	●	●	●	●	●	●	●	●	●			
MXS16	16	●	●	●	●	●	●	●	●	●			
MXS20	20	●	●	●	●	●	●	●	●	●			
MXS25	25	●	●	●	●	●	●	●	●	●			

Adjuster Options

Stroke Adjuster

- Adjustable stroke range: 0 to 5 mm

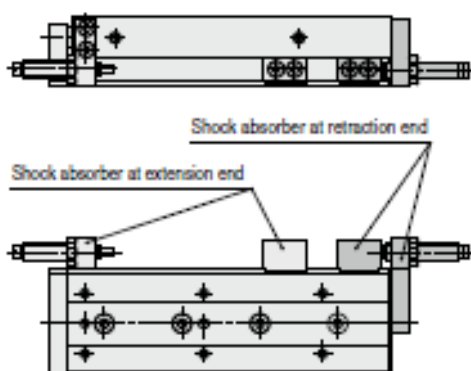
With adjuster at extension end (AS)
With adjuster at retraction end (AT)
With adjuster at both ends (A)



With Shock Absorber

- Absorbs the collision at stroke end and stops smoothly.
- Enables adjustment of stroke

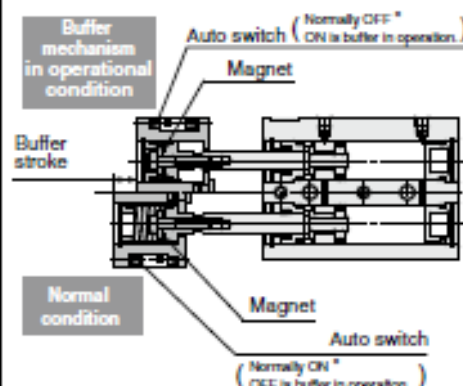
With shock absorber at extension end (BS)
With shock absorber at retraction end (BT)
With shock absorber at both ends (B)



Functional Options

With Buffer Mechanism

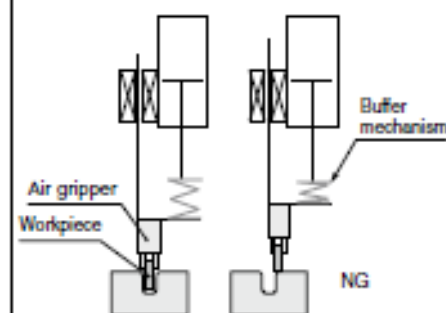
- Protects workpieces and tools, etc., by eliminating impact at the end of the stroke's extension.
- Buffer unit is auto switch capable.



*The normally ON/OFF setting is changed by changing the mounting direction of the auto switch.

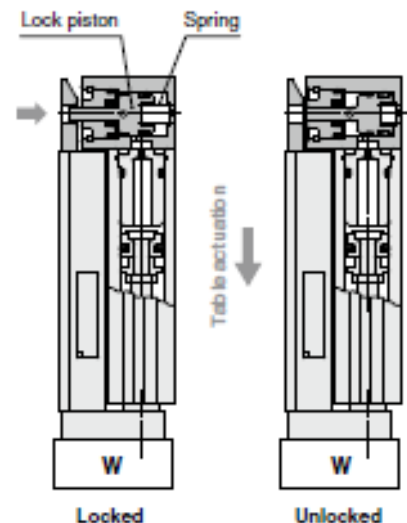
Application Example

Buffer mechanism absorbs shock and prevents damage to the workpiece in the case where the positioning is not accurate when a load is inserted.



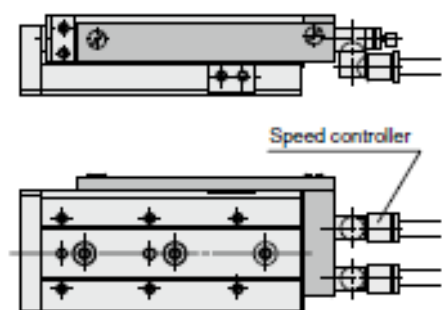
With End Lock

- Holds the cylinder's home position to prevent the workpiece from dropping even if the air supply is cut off.



Axial Piping Type

- Centralized piping in axial direction to maintain clear space around the body.



MXH

MXS

MXQ□

MXQ

MXF

MXW

MXJ

MXP

MXY

MTS

D-□

-X□