

ELECYLINDER achieves DX* of the production line !

* DX = digital transformation: To transform and improve the business model by digital technologies.



Cycle time

	Time (S)
Forward (F)	0.8
Backward (B)	1.2



EC
ELECYLINDER

Advantages of the accurate travel time

Air cylinder's velocity



Transfer time cannot be accurately shown because the speed controller is analog. In addition, the cycle time changes largely depending on the operating environment, season, temperature and aged deterioration of packings.

ELECYLINDER's velocity

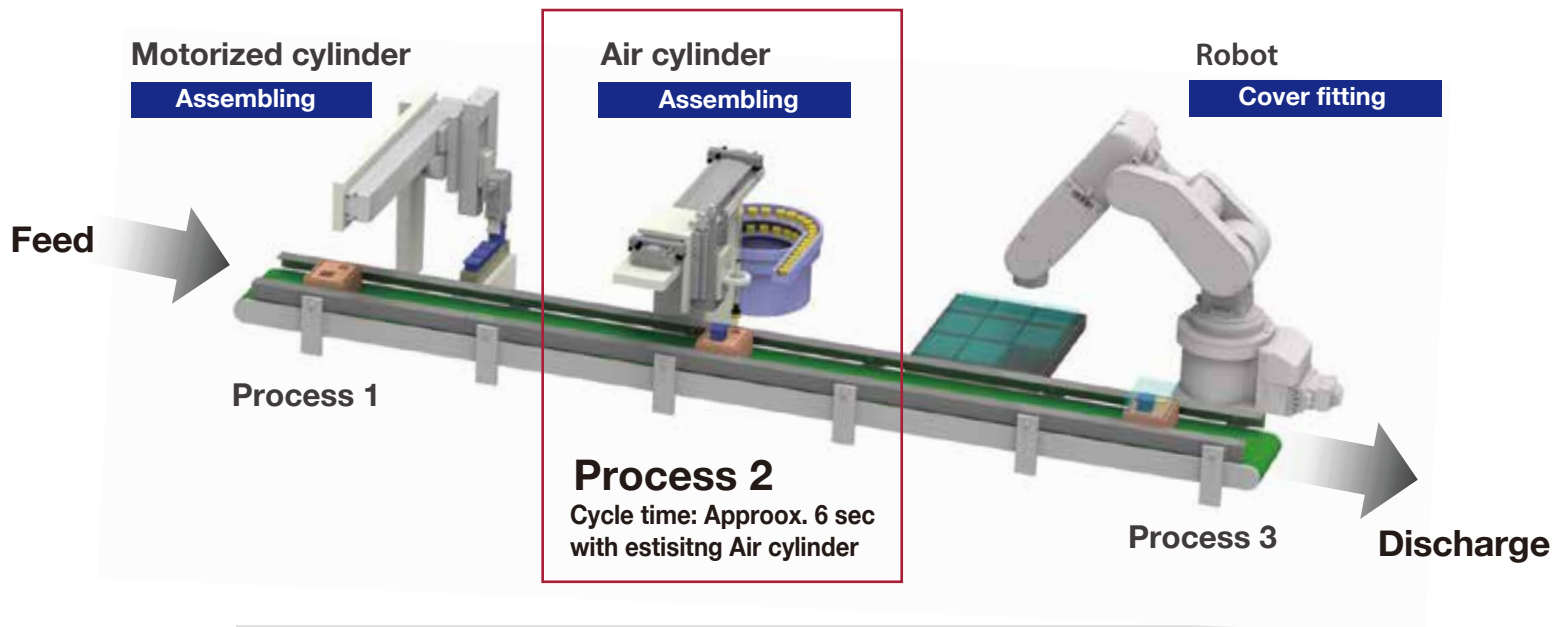
Easy setting

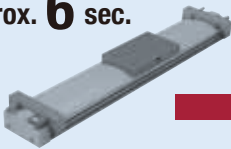

Level	Velocity (M)
Forward (F)	10
Backward (B)	8

Accurate travel times can be shown thanks to digital setting (velocity is selected numerically). Once it is set, it always operates at the same cycle time.

Amazingly profitable!

If the **ELECYLINDER** is used, it eliminates the bottleneck in the production line.



Comparison of Cycle times of Process 2		
	Air Cylinder	ELECYLINDER
Cycle time of process 300mm travel (one way)	Approx. 1.5 sec.	1 sec.
Total cycle time of process 2	Approx. 6 sec. 	5 sec. 

Note: Based on IAI research.

When the cycle time is shortened by **20%**,
the production time for 1,000 units will be shortened from 12 hrs. to 10 hrs.

Annual cost saving effect

\$23/hr. x 2 hrs. x 250 days = \$11,500

*Exchange Rate: 1 (USD) = 100 (Japanese Yen)

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The information contained in this product brochure may change without prior notice due to product improvements.

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