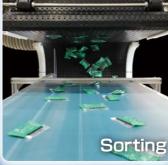
Vacuum Conveyance











DID DAIDO KOGYO CO., LTD.

Please watch our Ecocuum video!



Daido Kogyo Co., Ltd Oficial Web site [Our Business /Industrial Machinery Products]Vacuum conveyor HOME >Our Business >Industrial Machinery Products >Vacuum conveyor

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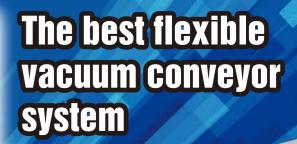
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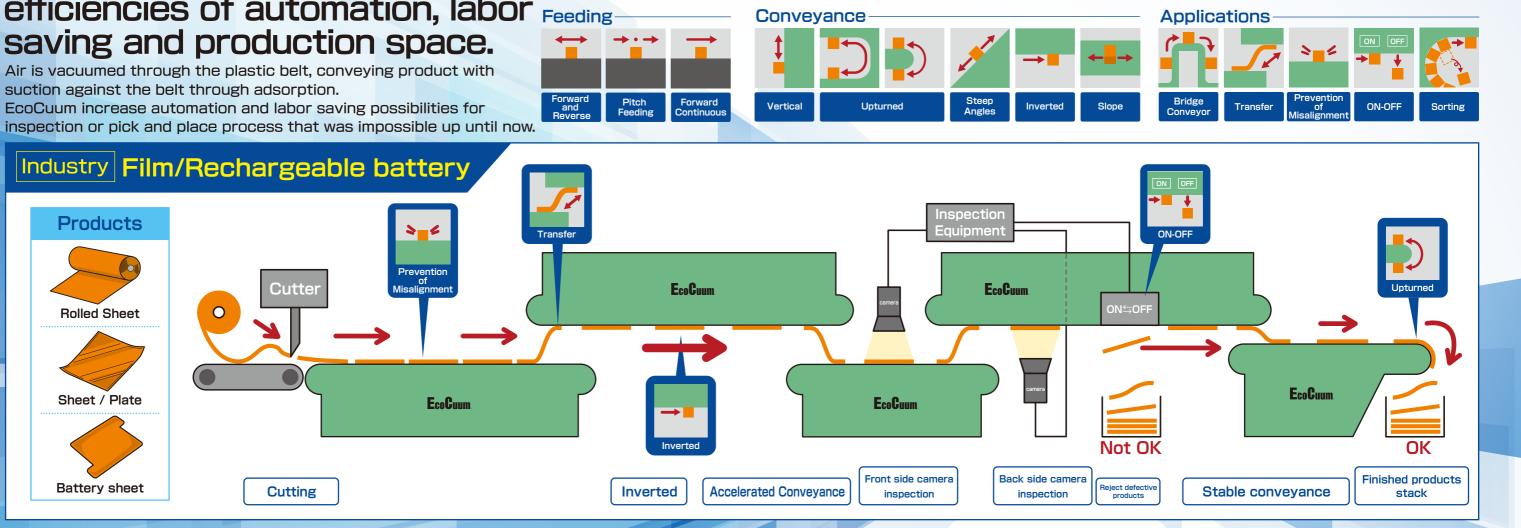




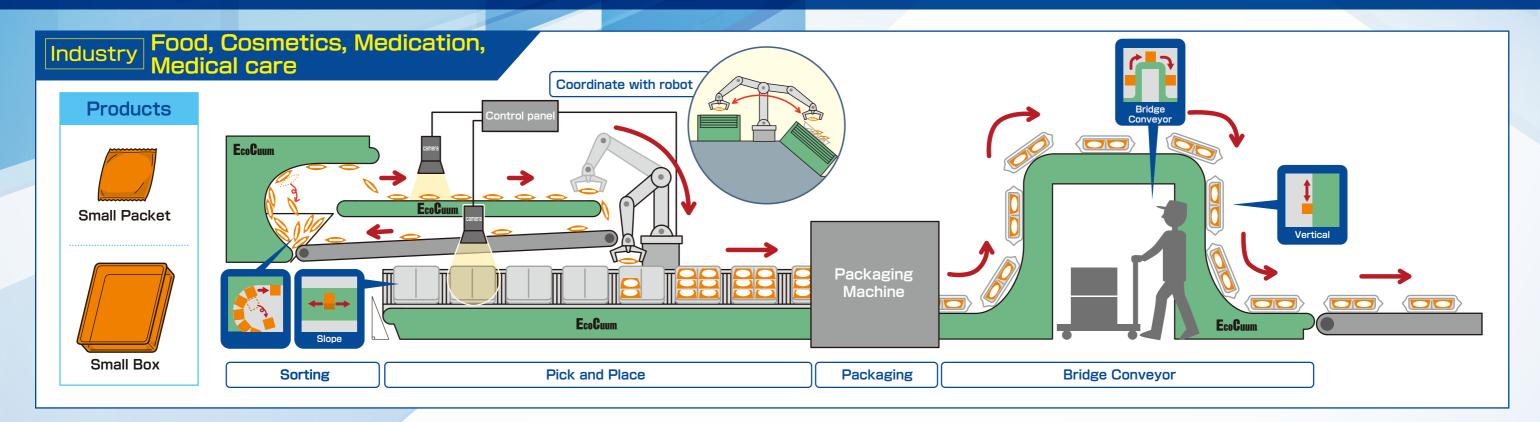
Vacuum conveyance increases efficiencies of automation, labor Feeding saving and production space.

Air is vacuumed through the plastic belt, conveying product with suction against the belt through adsorption.

inspection or pick and place process that was impossible up until now.



EcoCuum can be used in various production lines.



Vacuum Conveyance EcoCuum

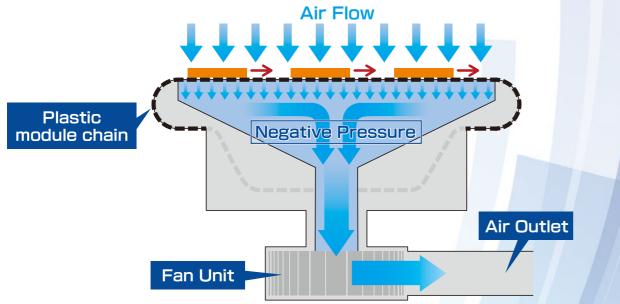
Mechanism/Features

What is "EcoCuum"?

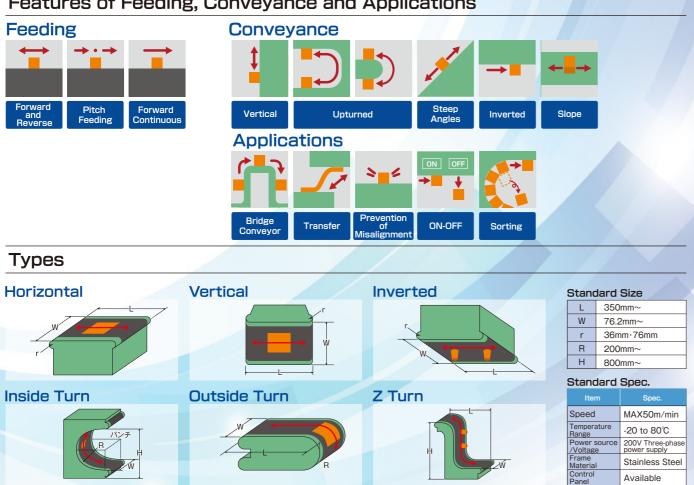
The conveyance system uses vacuum function. The plastic module chain has tapered holes which create strong pressure by air coming through the fan unit. The strong intake enables prevention of misalignment of product and reduction of power consumption.

By doing this, Ecocuum can convey the products in a variety of directions such as vertical, inverted or steep angles that standard conveyor systems cannot offer.

Also Ecocuum can be coordinated with inspection equipment, robots and reject defective products with ON-OFF controls. Ecocuum creates the future of production lines.



Features of Feeding, Conveyance and Applications

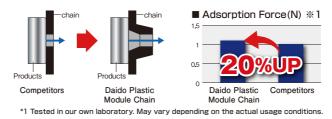


Customization is available per customer request. Please consult us for air outlet layout or built-in fan unit type.

Plastic module chain with optimum features for vacuum conveyance.

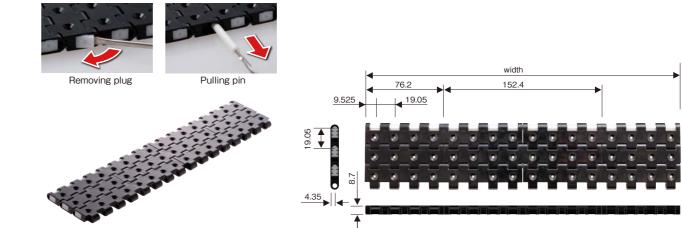
Improved suction force compared to others.

Unique design of tapered hole enables improved suction force and noise reduction. Patent



Easy Maintenance

Assembling and disassembling the plastic module chain can be done easily from a single angle.



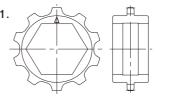
Application Ch		Chain Pitch (mm)	Color Width(mm)		Speed (m/min)	Open Porosity	Weight (kg/m2)	Temperature Range (°C)
Vacuum Conveyance		19.05	Black(STD.) •Blue•Green	76.2~1828.8 (Multiple of 76.2mm)	MAX 50	4%	7.22	-20 to 80°C
			W24 hain pitch Width(INC g.)24×25.4=609.6(V4 — orosity4%	00 Color (Black(STD.) •Blue•Gr	een)	

Type

Ave.80dB

Model	Chain Width(mm)	Model	Chain Width(mm)	Model	Chain Width(mm)	
DPM60-W03-OV4	76.2	DPM60-W27-OV4	685.8	DPM60-W51-OV4	1295.4	
DPM60-W06-OV4	152.4	DPM60-W30-OV4	762.0	DPM60-W54-OV4	1371.6	
DPM60-W09-OV4	228.6	DPM60-W33-OV4	838.2	DPM60-W57-OV4	1447.8	
DPM60-W12-OV4	304.8	DPM60-W36-OV4	914.4	DPM60-W60-OV4	1524.0	
DPM60-W15-OV4	381.0	DPM60-W39-OV4	990.6	DPM60-W63-OV4	1600.2	
DPM60-W18-OV4	457.2	DPM60-W42-OV4	1066.8	DPM60-W66-OV4	1676.4	
DPM60-W21-OV4	533.4	DPM60-W45-OV4	1143.0	DPM60-W69-OV4	1752.6	
DPM60-W24-OV4	609.6	DPM60-W48-OV4	1219.2	DPM60-W72-OV4	1828.8	

Specialized sprockets





No.	Model	Number of	Pitch dia. Outer dia. (mm) (mm)		Hub type		Shaft	Material
140.	Model	teeth			Dia.(mm)	Thickness(mm)	Shart	Wateria
1	DP60S-10T-38H	10	61.65	62.5	φ50	25.4	Hexagonal 38 Cold finished steel bar	
2	DP60S-24T-38H	24	145.95	148.0	φ55	25.4	Hexagonal 38 Cold finished steel bar	Reinforced Polvamide
3	DP60S-24T-40S	24	145.95	148.0	φ55	25.4	Square 40 Cold finished steel bar	

Conforms to food sanitation laws

We use materials that conform to food sanitation laws.

Multi-colors are available

Black comes standard however blue and green are also available according to application.

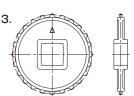


Black(STD.)

Blue (For food application)

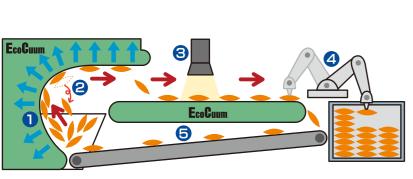
Green

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Application examples

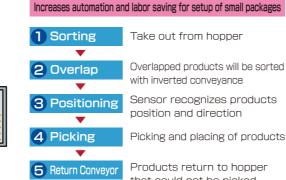
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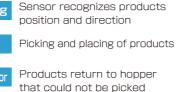


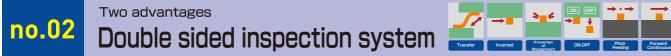
Sorting System

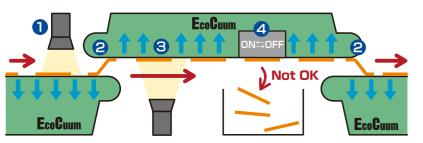
EcoCuum Efficiently Separates Small Packages







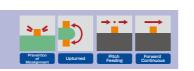


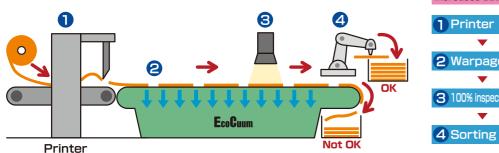




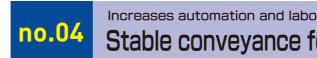
%Patent Pending

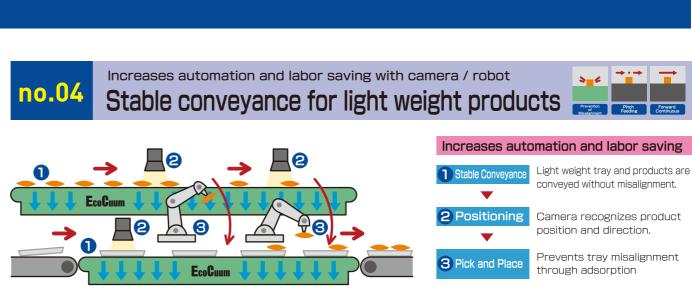


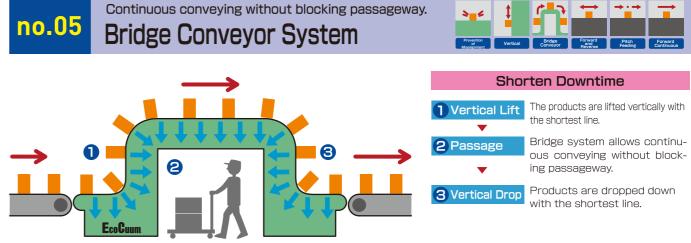




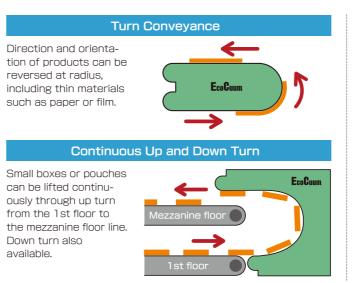








Ability to continuously reverse products direction and orientation **no.06** Lateral and Inverted Conveying



Vacuum Conveyance EcoCillim



Reverse Direction and Orientation

Direction and orientation of light weight products can be reversed.

