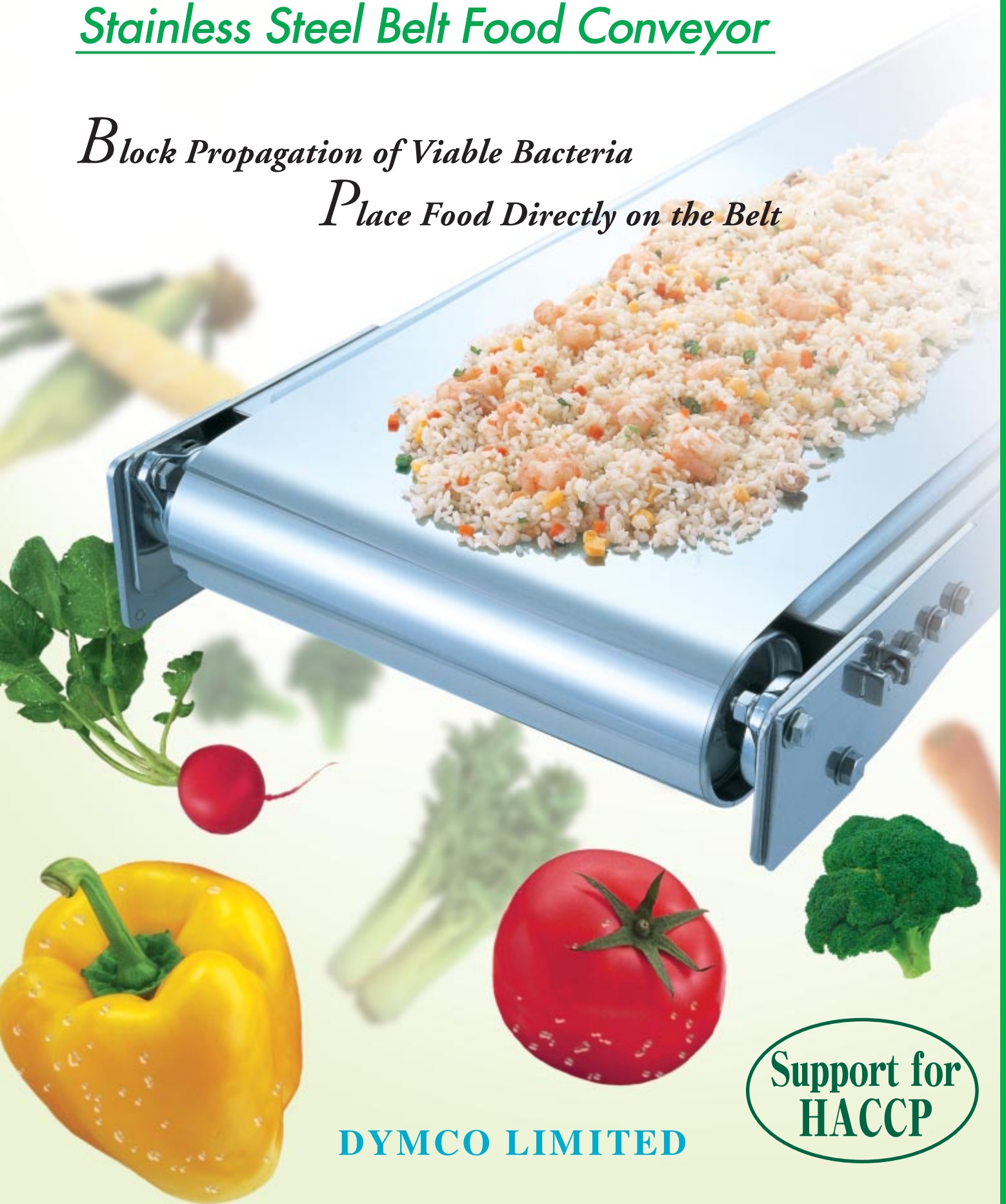


Shin-Con-San

Stainless Steel Belt Food Conveyor

Block Propagation of Viable Bacteria

Place Food Directly on the Belt



Support for
HACCP

DYMCO LIMITED

Shin-Con-San

Stainless Steel Belt Food Conveyor



Features

Superior in Durability and Corrosion Resistance

All stainless steel material makes Shin-Con-San superior in durability, corrosion resistance, and chemical proof. Food can be heated, dried, and frozen on the conveyor. Resin and rubber belt conveyor cannot reach this far.

Blocking Propagation of Viable Bacteria, Place Food Directly on the Belt

Stainless steel belt doesn't get serious bruises. Viable bacteria neither sneak in a belt nor grow on the conveyor.

Slim and Compact

Pulley diameter is just 80mm. This is extraordinarily small for a stainless steel belt.

Easy Detaching

Raise the tail roller, when washing. The belt can be detached and attached instantly. Everyone can handle easily.

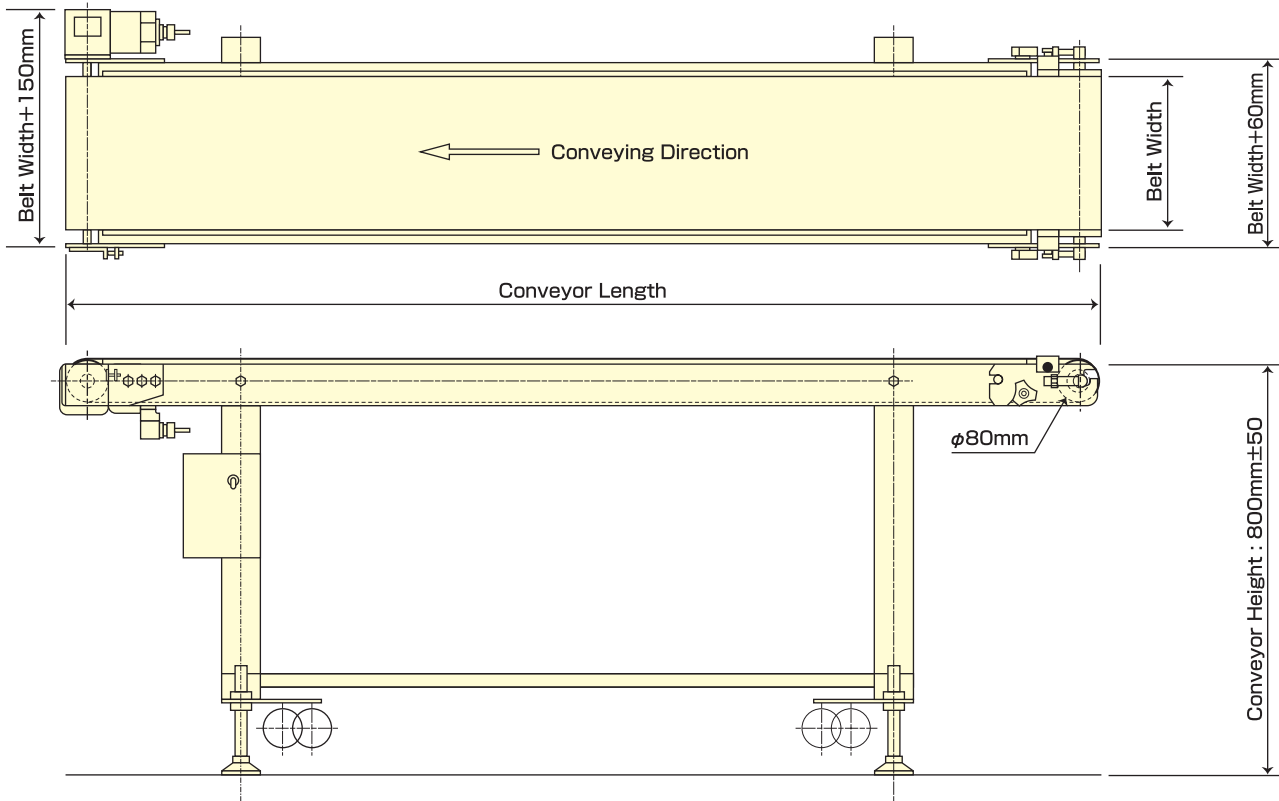
Washing and Detaching of the belt



Stand the tail roller. The belt gets loose and its back and a frame can be washed easily.



Dimensional Drawing



*Casters are optional. *The number of legs depends on the conveyor length.

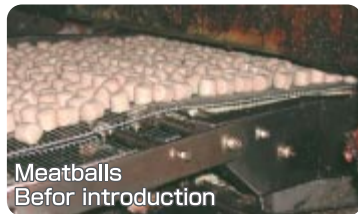
CAD drawing data can be downloaded over DYMCO's site at <http://www.dymco.co.jp/>

Type Description

Type	Belt Thickness	Belt Width	Conveyor Length	Power	Motor Output
DFC	020	400	3000	1	60
	020 : 0.20mm	300 : 300mm 400 : 400mm 500 : 500mm	2000 : 2000mm 3000 : 3000mm 4000 : 4000mm	1 : Single-phase 100V 2 : Single-phase 200V 3 : Three-phase 200V	60 : 60W

Application Examples

- Chocolate
- Candy
- Caramel
- Meat
- Meatball
- Fish



Dimension and Specifications

Conveyor Length (mm)	2000			3000			4000		
Belt Width (mm)	300	400	500	300	400	500	300	400	500
Belt Velocity	Refer to the next page.								
Roller Diameter	80mm			Driving and Driven					
Power	Single-phase 100V · 200V / Three-phase 200V 50 / 60Hz								
Motor Output	60W (waterproof motor)								
Belt Material	SUS304 (with one V-guide for wandering-prevention)								
Conveying Load	Refer to the next page.								
Options	Casters / Scraper / Guides Alcohol sterilization sprayer								

Reducer Symbol, Belt Velocity and Conveying Load for 60w Motor

Adjustable-Speed Motor

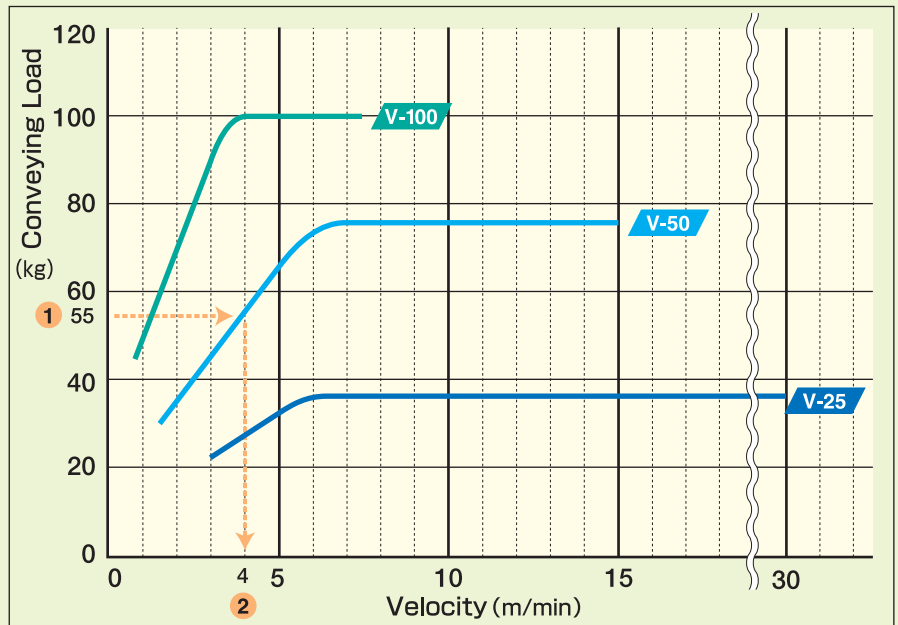
Reducer Symbol	Reduction Ratio	50/60Hz	
		Velocity(meter/min)	
V-20	1/20	4.0	~ 40
V-25	1/25	3	~ 30
V-30	1/30	2.5	~ 25
V-50	1/50	1.5	~ 15
V-80	1/80	1	~ 10
V-100	1/100	0.75	~ 7.5
V-150	1/150	0.5	~ 5

[Note 1] shows speed range of standard adjustable-speed motor. Conveying load is shown in the figure on your right.

[Note 2] Velocity decreases by 2 to 10% depending on load.

[Note 3] Conveying load is load uniformly distributed on the belt.

Belt Velocity and Conveying Load



Calculation example of conveying load

With V-50 and 4 meters of conveyor length, W, uniformly distributed conveying load per hour, is given by

$$W = 1 \times 2 \times 60 \div 4 = 55 \times 4 \times 60 \div 4 = 3,300 \text{ kg/H}$$

Performance Comparison

Item \ Conveyor Category	Stainless Steel Belt Conveyor	Resin Belt Conveyor	Roller Conveyor
Hygiene	◎	×	△
Neither Smell nor Color Left	○	×	○
Easy to Wash	◎	○	△
High Temperature	◎	×	△
Freezing and Cooling	◎	×	○
Chemical Proof	○	×	○
Bacteria Propagation	No	Yes	No
Antistatic	○	△	△
Product Retention Stability	○	△	×
Abrasion Resistance	○	×	○
UV Irradiation	○	×	○

Please contact : _____



Value Creating Company
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