

Company Profile

Vitrans is one of the biggest conveyor manufacturer which has rich experience on supporting customer designing production line layout and conveying solutions for over 13 years. We are focus on offering reliable and modular conveyor system to different industry area.

Our production series includes pallet conveyor system, belt conveyor, flexible chain conveyor system, accumulated heavy duty roller conveyor system and rail guide conveyor system.

Besides modular conveyor system R&D, manufacturing and marketing, Vitrans can also offer customized solution of conveyor peripheral devices such workpiece loading or unloading robot arm, JIG design and machining, elevator, dust cover, high temperature conveying solution and PLC control system. Our conveyor system is widely used in new energy EV battery, automotive parts, food, medicine and house appliance automated production.

Product Series – Pallet Conveyor System



Character:

- Modular Design: Easy to set up and maintaining.
- Flexible Layout: Support compact production area.
- Low Dust: 1000 dust level, adapt to clean workshop.
- ESD Standard: Adapt to electronics production.
- Multiple Size: Cover most of the workpiece size.
- Accumulation: Satisfy different production cycle time requirement.

Technical Specification

Spec		Timing Belt Conveyor	Flat Belt Conveyor	Plastic Chain Conveyor	Roller Chain Conveyor
Transfer Medium		Timing Belt	Flat Belt	Plastic Top Chain	Metal Chain
Pallet Width Bwt	mm	160≤Bwt≤1200			
Pallet Length Lwt	mm	160≤Bwt≤1200			
Conveyor Length L	mm	240≤L≤6000	2000≤L≤15000	500≤L≤6000	300≤L≤18000
Allowed Payload	kg/cm	1	1	0.5	2
Allowed Total Load	kg	60	150	150	2200
Conveyor Speed V	m/min	3≤L≤24			
Drive Method		3 Phase Motor			
Motor Power	W	200W	750W	200W	750W
Positioning Accuracy	mm	±0.1			
Accumulation		Yes			
Dust Level		10000	10000	1000	10000
ESD		Yes			

Vitrans Automation

Pallet Conveyor System Module



Flat Belt Conveyor



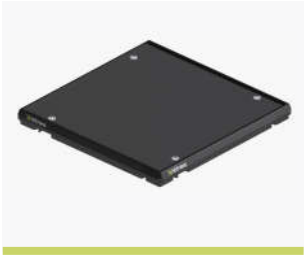
Timing Belt Conveyor



Plastic Chain Conveyor



Roller Chain Conveyor



Workpiece Pallet



Lift & Transfer Unit



Lift & Locate Unit



Lift & Rotate Unit



Servo Lifter



Pneumatic Lifter



Belt Curve



Flat Top Chain Curve

Application



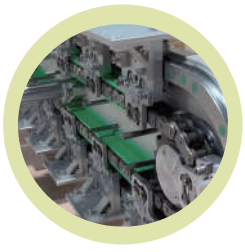
New Energy Industry



Automotive Industry



House Appliance Industry



Electronics Industry



Other Product Industry