



More Easy, More Safe, More Efficiency.

Conveyor Module

www.sz-apollo.com

About us

Your Reliable Partner!

Suzhou APOLLO Automation Equipment Co., Ltd is professional manufacturer who focus on automatic sorting and logistic conveying. Apollo products will make customers' life and work more easy, more safe and more efficiency.

APOLLO main products include Automatic Sorters, Vertical Conveyors, Telescopic Conveyor, Straight/Curve/Inclined Conveyors, Accumulation/ Merging/ Diverter Conveyor and DWS series products, which these products integrate automatic weighing, barcode scanning, high speed automatic sorting and conveying, system feedback as well as software to realize smart logistic sorting and conveying. Apollo has gained our own brand popularity in China logistic fields, meanwhile we also export to overseas markets every year.

Through the use of APOLLO products and solutions, users can greatly reduce labor intensity and improve production efficiency to reduce cost and improve the economic benefit. At present, our products are widely used in the logistics center, the industrial production workshop, storage warehouses and other industrial fields.

APOLLO has senior mechanicals, electrical and intelligent control software engineers in the field, providing the feasible solutions and related products for logistics enterprises. Our customers involve many industries, such as National electric power measurement center, China tobacco logistics center, China Postal, Sophia, Oppein, Robam, Fotile, Giti tire, Double star tire, Moutai, Huadong Medicine, 999 pharmaceutical, Lianhua supermarket, Yonghui supermarket, Nike, Samsonite, Heinz China, Feihe, Yili and so on.

APOLLO, as an equipment manufacturer, has improved the expansibility of its current general-purpose conveyor through rich experience in material handling, which combined with modern intelligent control systems to meet customers' changing requirement in the future. Apollo's design follows the principle of simplifying the equipment operations and automating operations as much as possible in order to increase customer productivity and economic benefits.

Please contact Apollo to learn more about the solutions and services that Apollo products can provide. Apollo will be happy to share more successful experience in the composition and system technology of various conveyors to improve the operational efficiency for users.





Why APOLLO ?

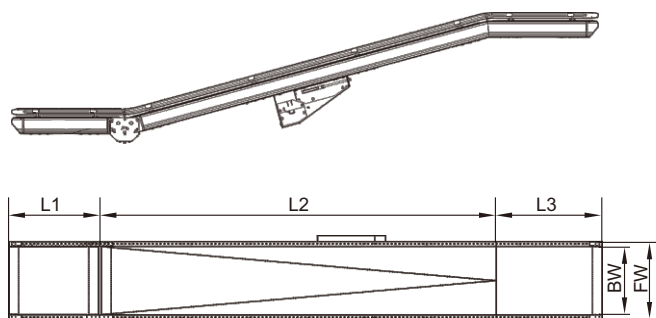
- To choose Apollo is to choose a reliable partner for your warehousing and logistics
- Factory direct selling to save input cost

APOLLO service :

- Specially-assigned personnel learn the needs of users, then professional technician communicate deeply to form executable solutions.
- Standard production, strict quality test, intergrate hardware and software for installation and commissioning.
- Full and thoughtful after-sales service support.



Inclined Belt Conveyor 2030



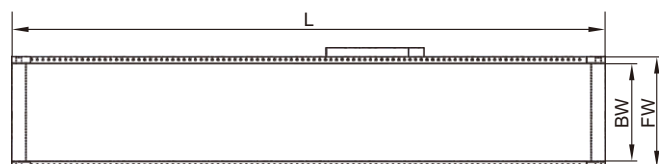
Inclined belt conveyor is used for the continuous conveying between different height lines. The horizontal sections at the upper and lower ends can adapt to the smooth transition of products, reduce the impact of materials on the equipment, and realize seamless connection with other conveying lines.

The power is driven by motor, the running direction is generally unidirectional.

Item	Name	Specification
Technical Data	Conveyor Speed	0.1 - 3.0 m/s
	Belt Width BW	420 / 620 / 820 / 1020 mm
	Frame Width FW	BW+70 mm
	Horizontal Length L1/L3	720 - 2000 mm
	Inclined Length L2	1500 - 20000 mm
	Gradient	6° / 9° / 12° / 15° / 18°
	Max. Load Capacity	50kg / m
Belt	Belt Joint	Heat vulcanization/ Steel clip fastener
	Ambient Temperature	-15° to +50°
	Belt Material	PVC
Drive	Motor	318 / 415 / 440 / 480 V ...
	Power	Up to the length of conveyor

Remark: Customized service is available.

Straight Belt Conveyor 2010



Straight belt conveyor has large and stable conveying with gentle movement. There is no relative movement between the material and the belt, then avoid damage to the materials. Simple structure, convenient maintenance, highly standardized parts, suitable for a wide range of working environments.

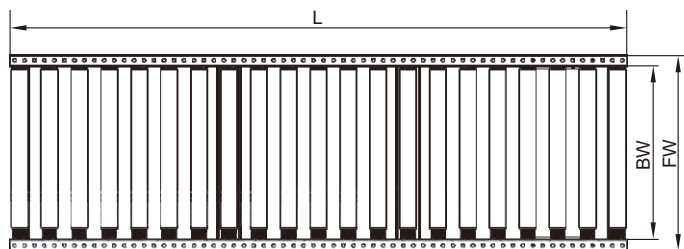
Drive type: motor drive or roller drive.

Function: ordinary conveying, zero pressure accumulation conveying, increase speed for gapping space etc.

Item	Name	Specification
Technical Data	Conveyor Speed	0.1 - 3.0 m/s
	Belt Width BW	420 / 620 / 820 / 1020 mm
	Frame Width FW	BW+70 mm
	Length L (motor drive)	1500 - 20000 mm
	Length L (roller drive)	650 - 3000 mm
	Max. Load Capacity	50kg / m
Belt	Belt Joint	Heat vulcanization/ Steel clip fastener
	Ambient Temperature	-15° to +50°
	Belt Material	PVC
Drive	Motor	318 / 415 / 440 / 480 V ...
	Power (motor drive)	Up to the length of conveyor
	Roller drive	24 V

Remark: Customized service is available.

Roller Conveyor 1020



Roller conveyor is mainly used to transport materials with a solid or flat bottom.

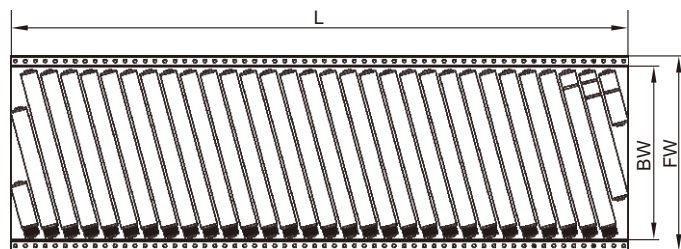
Drive type: unpowered, motor drive or roller drive.

Function: ordinary conveying, zero pressure accumulation conveying, increase speed for gapping space etc.

Item	Name	Specification
Technical Data	Conveyor Speed	0.1 - 2.0 m/s
	Belt Width BW	420 / 620 / 820 / 1020 mm
	Frame Width FW	BW+70 mm
	Roller Pitch	60 / 90 / 120 / 150 mm
	Zone Length L	Roller quantity × Pitch
	Gradient	Max. 4°
	Max. Load Capacity	50kg / m
Roller	Roller type	Poly-V belt / Friction drive belt
	Roller diameter	50 mm
	Roller material	Galvanized / Stainless steel / PVC
	Max. quantity / zone	20
Drive	Roller drive	24 V
	Motor	318 / 415 / 440 / 480 V ...

Remark: Customized service is available.

Alignment Roller Conveyor 1050 / 1060



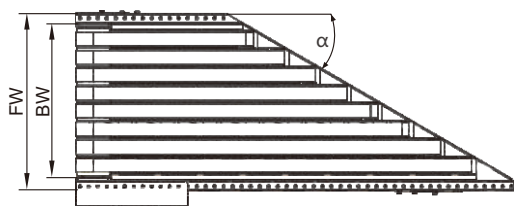
Alignment roller conveyor is easy to combine, one unit uses one drive, can be combined in any length; zero pressure accumulation: independent drive unit combination is convenient to connect to the zero pressure conveyor line, and the speed can be adjusted. The rollers are installed with two-way tilt to realize the automatic centering for materials.

Drive type: motor drive or roller drive.

Item	Name	Specification
Technical Data	Conveyor Speed	0.1 - 2.0 m/s
	Belt Width BW	420 / 620 / 820 / 1020 mm
	Frame Width FW	BW+70 mm
	Roller Pitch	60 mm
	Zone Length L	Roller quantity × Pitch
	Max. Load Capacity	50kg / m
	Type	O belt / Poly-V belt / Friction drive belt
Roller	Ambient Temperature	-15° to +50°
	Roller Diameter	50 mm
	Roller Material	Galvanized / Stainless steel / PVC
	Angle α	7° / 15°
	Roller drive	24 V
Drive	Motor	318 / 415 / 440 / 480 V ...

Remark: Customized service is available.

Narrow Belt Merger / Diverter 12030 / 12031

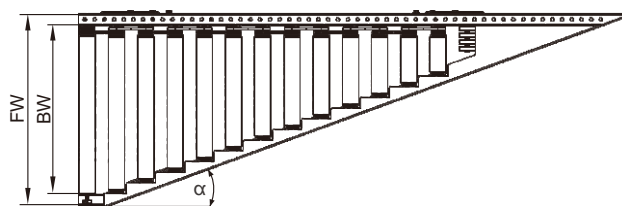


Narrow belt merger is a kind of conveyor that merges two different conveying lines into one line. It usually forms 30° or 45° merging with the main conveyor, which has efficient conveying characteristics. If used in conjunction with sorter, it can also be used for diverting conveyor for sorting exits.

Item	Name	Specification
Technical Data	Conveyor Speed	0.1 - 3.0 m/s
	Belt Width BW	420 / 620 / 820 / 1020 mm
	Frame Width FW	BW+70 mm
	Center Length	650 - 2000 mm
	Angle α	20° / 30° / 45°
	Max. Load Capacity	50kg / m
Belt	Belt width	40 / 90 mm
	Belt Material	PVC
	Ambient Temperature	-15° to +50°
Drive	Motor	318 / 415 / 440 / 480 V ...
	Power	0.37 - 1.1 KW

Remark: Customized service is available.

Roller Merger / Diverter 12020 / 12021



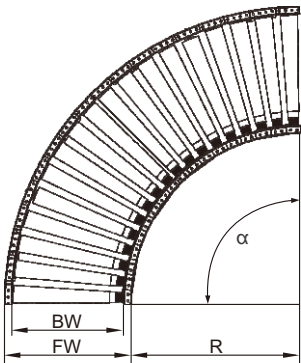
Roller merger/ diverter is mainly used for merging or diverging with the ordinary roller line. The roller line is suitable for conveying materials with a flat bottom.

Large conveying capacity, fast speed and gentle movement can realize the characteristics of merging and diverting. Powered by roller drive with angles of 20 °, 30 °, 45 ° and 60 °.

Item	Name	Specification
Technical Data	Conveyor Speed	0.1 - 2.0 m/s
	Belt Width BW	420 / 620 / 820 / 1020 mm
	Frame Width FW	BW+70 mm
	Roller Pitch	60 mm
	Zone Length	Roller quantity × Pitch
	Max. Load Capacity	50kg / m
Roller	Type	O belt / Poly-V belt
	Roller Diameter	50 mm
	Roller Material	Galvanized / Stainless steel / PVC
	Angle α	20° / 30° / 45°
Drive	Roller drive	24 V

Remark: Customized service is available.

Curve Roller Conveyor 3020



Curve roller conveyor is an indispensable special conveyor in the logistics conveying system, usually used for merging and diverting in the sorting system.

Curve angles commonly have 30°, 45°, 60°, 90°.

The light type is driven by roller, and the heavy type is driven by motor.

Item	Name	Specification
Technical Data	Conveyor Speed	0.1 - 2.0 m/s
	Belt Width BW	420 / 620 / 820 / 1020 mm
	Frame Width FW	BW+70 mm
	Inside Roller Pitch	72 mm
	Inside Radius R	830 mm
	Max. Load Capacity	50kg / m
Roller	Type	O belt/ Poly-V belt
	Roller Diameter	50 mm
	Roller Material	Galvanized / Stainless steel / PVC
	Angle α	30° / 45° / 60° / 90°
	Roller quantity	6 (30°) / 9 (45°) 12 (60°) / 18 (90°)
Drive	Roller drive	24 V

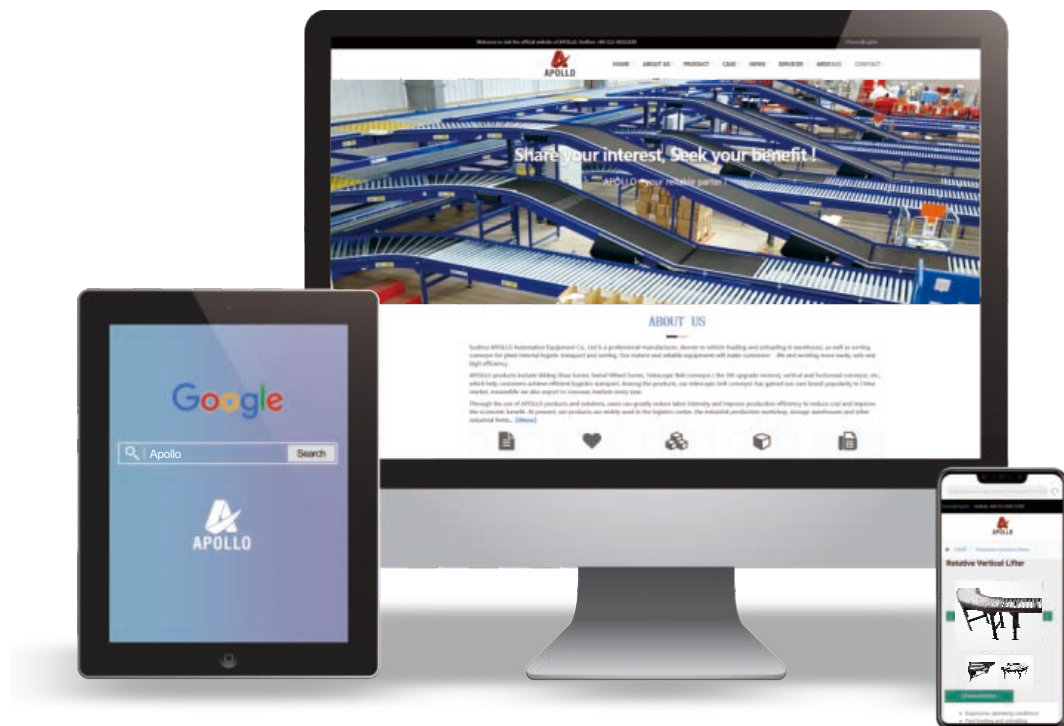
Remark: Customized service is available.

Curve Belt Conveyor 3010



Item	Name	Specification
Technical Data	Conveyor Speed	0.1 - 3.0 m/s
	Belt Width BW	650 mm R=850mm B=1175 C=1500
		825 mm R=675mm B=1087 C=1500
		1060 mm R=1170mm B=1700 C=2200
		1200 mm R=1000mm B=1600 C=2200
	Angle α	30° / 45° / 60° / 90°
Belt	Max. Load Capacity	50kg / m
	Belt Joint	Heat vulcanization / Steel clip fastener
	Ambient Temperature	-15° to +50°
	Belt Material	PVC
Drive	Motor	318 / 415 / 440 / 480 V ...
	Power	0.75 - 2.2 KW
	Type	Chain / Guide Bar

Remark: Customized service is available.



APOLLO MEDIA CENTER

You can find more from our website:

- Rich resource media center and selection guide on how to choose APOLLO products.
- Application reports from different industries cover a variety of operational possibilities.
- Quick product survey and contact information of our system consultants.

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