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Specialize In Wire Conveyor Belt Manufacturing And Solution.



Plate Link Conveyor Belts

www.industrialconveyorbelt.com

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Overview

Plate Link Conveyor Belt is very strong, driven by stainless steel chain, made of stainless steel plate, and very suited to heavy load applications, running smoothly in the conveying process, easy to install and replace, and long in service life. Its self-supporting structure makes it be used over large widths without any support. PFM Screen's Plate Link belt features an extremely robust design and high load capacity, making it the perfect choice for arduous engineering processes such as presswork, die-casting and forging.

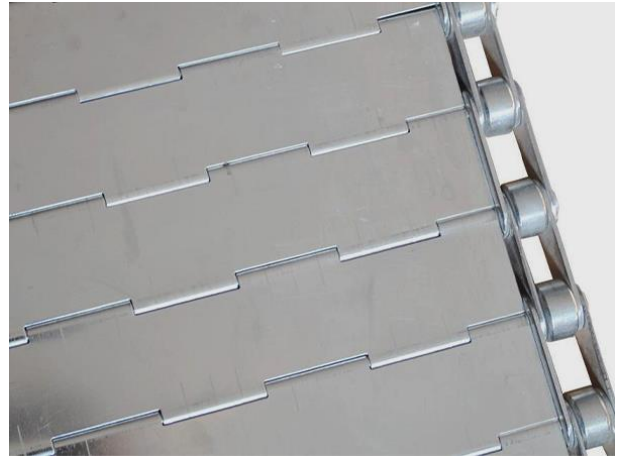


Plate conveyor belt consists of hinged slats with or without perforations. Perforated plate belt is ideal for drainage conveyor system. The size of the perforation range can be custom, its possibility to have all kinds of perforations to fit the product production line.



Hinged plate belts have side plates and cross flights in various combinations of height and thickness to suit different customers' requirements. They can satisfy light to heavy load capacity. Chain edge plate belts are also available inside plates and cross flights. The chains at both ends can be fixed with cotter pins or washers, which are convenient to disassemble and maintain.

The link plate belts are tailor made and can be executed with pitches in almost any width and length and plate thickness. The link plate belt is positively driven by sprockets and can be used at conveyor speeds of less than about 120 meters per minute.



Plate conveyor belt advantages

- Temperature resistance, which can be used in production processes with temperatures of -30°C to $+600^{\circ}\text{C}$ infeed and other industries.
- Corrosion and rust resistance make it possible to be used in corrosive environments.
- The baffles can be added onto the belt for convenient sorting and conveying.

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- The side guards can be added onto the belt to prevent products from spillage.
- Chain link edge can ensure the smooth and high efficiency working.
- Curved perforated plate conveyor belt is available to suit more applications and equipment.
- Suitable for arduous engineering processes such as press work, die-casting and forging.
- Link plate belt needs minimal maintenance and will have a working life of many years.



Belt Types



Plate conveyor belt consists of hinged slats with perforations

Plate conveyor belt consists of hinged slats without perforations





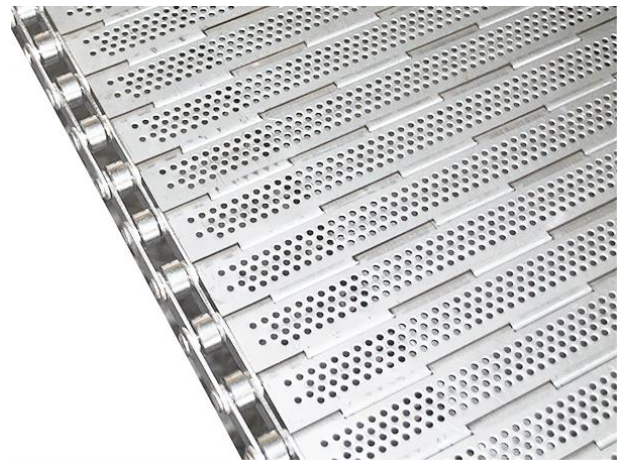
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Plate conveyor belt with baffles can help to sort and convey products.

Edge Availability



Standard plate link conveyor belt

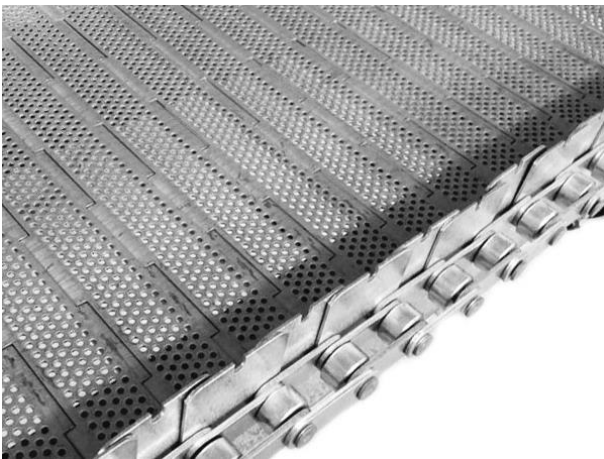


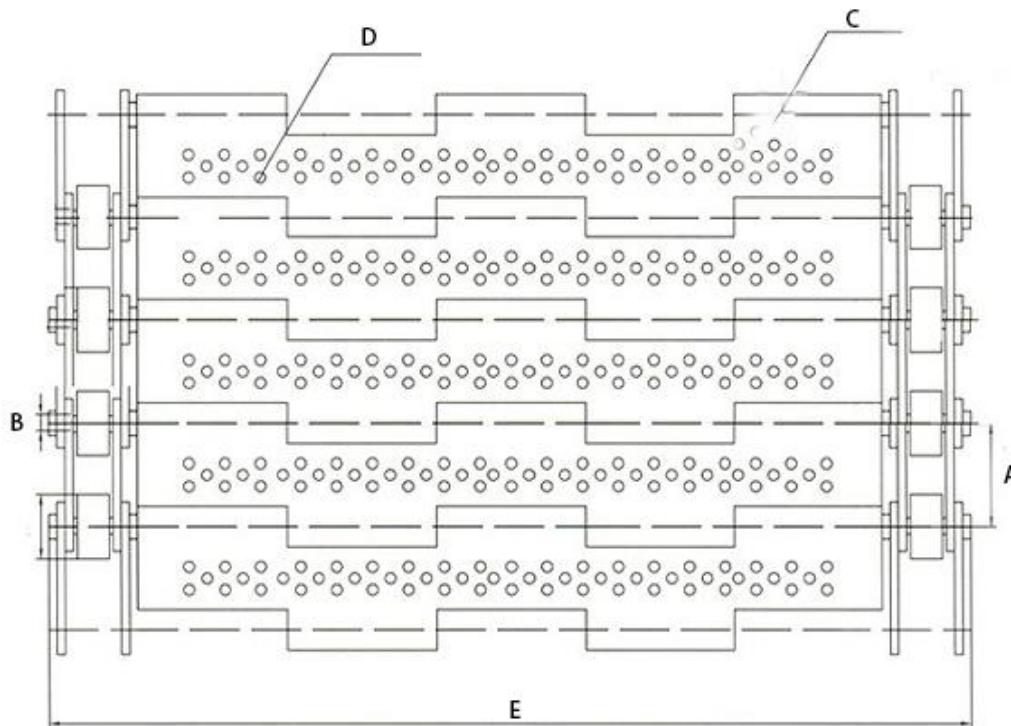
Plate link conveyor belt with side plate

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Material Availability

The plate link conveyor belt can be made of steel, stainless steel AISI 304, AISI 316 or others, have superior corrosive resistance to suit most applications at elevated temperatures.

Specifications



A: Chain Pitch (mm)

B: Rod Diameter (mm)

C: Plate Thickness (mm)

D: Perforated Hole Dia (mm)

E: Total Width (mm)

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| Specifications of Plate Link Conveyor Belt | | | |
|---|-----------------------------|------------------------------|---------------------------------|
| Item | Chain Pitch (mm) | Rod Diameter (mm) | Plate Thickness (mm) |
| PLCB-01 | 25.4 | 5 | 1 |
| PLCB-02 | 25.4 | 6 | 1 |
| PLCB-03 | 25.4 | 6 | 1.5 |
| PLCB-04 | 31.75 | 6 | 1 |
| PLCB-05 | 31.75 | 6 | 1.5 |
| PLCB-06 | 31.75 | 8 | 2 |
| PLCB-07 | 38.1 | 6 | 1 |
| PLCB-08 | 38.1 | 6 | 1.5 |
| PLCB-09 | 38.1 | 8 | 1 |
| PLCB-10 | 38.1 | 8 | 1.5 |
| PLCB-11 | 38.1 | 8 | 2 |
| PLCB-12 | 50.8 | 6 | 1.2 |
| PLCB-13 | 50.8 | 8 | 1 |
| PLCB-14 | 50.8 | 8 | 1.5 |
| PLCB-15 | 50.8 | 10 | 2 |
| PLCB-16 | 50.8 | 10 | 3 |
| PLCB-17 | 63.5 | 10 | 2 |
| PLCB-18 | 63.5 | 10 | 1.5 |
| PLCB-19 | 63.5 | 10 | 3 |
| PLCB-20 | 80 | 8 | 1.5 |
| PLCB-21 | 80 | 8 | 2 |
| PLCB-22 | 80 | 10 | 2 |
| PLCB-23 | 80 | 10 | 2.5 |
| PLCB-24 | 100 | 10 | 1.5 |
| PLCB-25 | 100 | 10 | 2 |
| PLCB-26 | 100 | 14 | 2 |
| PLCB-27 | 100 | 14 | 3 |
| PLCB-28 | 101.6 | 10 | 4 |
| PLCB-29 | 106.6 | 14 | 4 |
| PLCB-30 | 125 | 20 | 3 |

NOTE: Custom specification is available if you can't find the suitable size.

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Applications

Applications of plate link conveyor belt:

- Cooling systems
- Waste treatment systems
- Sieving systems
- Sorting systems
- Product handling systems
- Drainage systems
- De-Elevating systems
- Washing systems
- Blanching systems
- Drying systems
- Bread production systems
- Transport systems
- Elevating systems

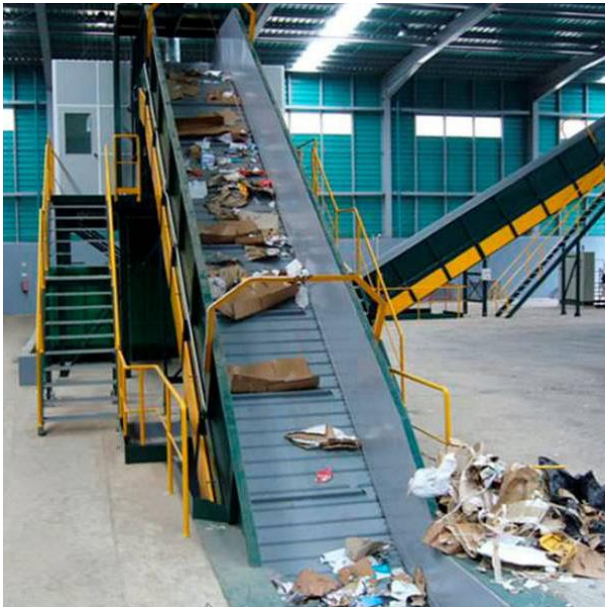


Plate Link Conveyor Belt for Waste treatment



Plate Link Conveyor Belt for Elevating



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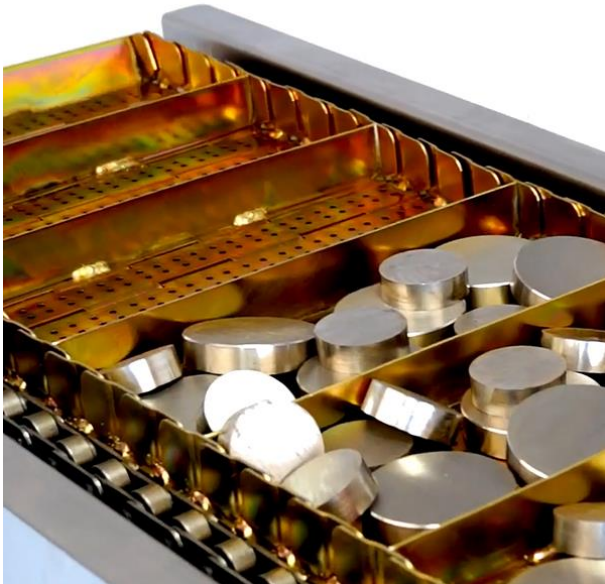


Plate Link Conveyor Belt for Transport



Plate Link Conveyor Belt for Sorting

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METAL CONVEYOR BELTS



Balanced Woven Conveyor Belts



Compound Weave Conveyor Belts



Chain Link Conveyor Belts



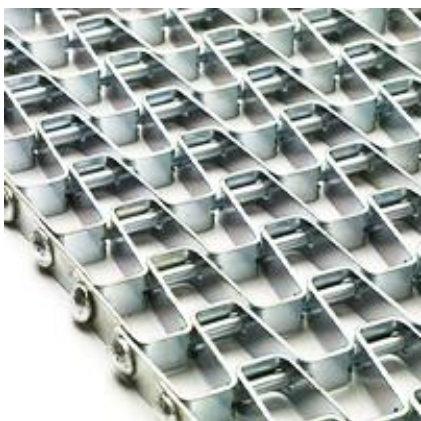
Flexible Rod Conveyor Belts



Flat Flex Conveyor Belts



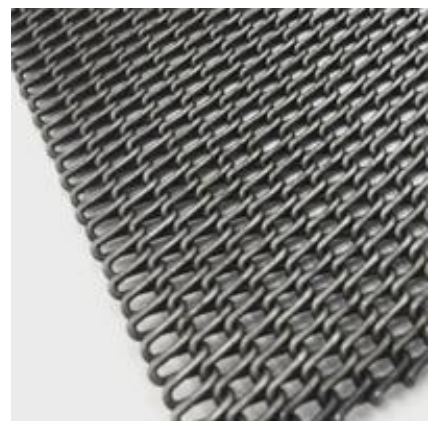
Eye Link Conveyor Belts



Honeycomb Conveyor Belts



Plate Link Conveyor Belts



Biscuit Baking Belts



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Ladder Conveyor Belts

CONVEYOR BELT ACCESSORY



Sprockets



Chain links

Our policy is one of continuous improvement and we reserve the right to change specifications at any time and without notice or modify these to suit manufacturing processes

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