

JMA CONVEYOR PRODUCTS - METAL BELT



2021 YEAR



JMA Conveyor Products Profile

Established in 2017, JMA conveyor products has been rapidly transformed from mere conveyor belt re-sale, into an engineering company that integrates design, selection, sales, storage, maintenance and repair services for Australian customers. JMA's office has located in Melbourne, Australia

since 2020, it provides belting selection, engineering, warehousing, inspection, installation and splicing, emergency repair, and after-sales services for the entire Australian region.

We offer professional experience in supplying an extensive range of high-quality metal conveyor system and conveyor accessories. Our range of metal chain conveyor, hinged steel plate conveyor, apron conveyor and steel wire mesh conveyor are designed manufactured to meet and exceed stringent Australian related and International Standards. JMA also expends our service of design and innovation the metal conveyor system which applicable in various industries.

Our team pride ourselves in providing superior, tailored products and services to our clients.



“Small enough to care, big enough to deliver.”

IMPORTANT NOTE FOR ALL DESIGNERS AND DRAFTSPERSONS

The information contained in this catalogue is dimensional only

To ensure any product selection performed provides the end users with the lowest total cost of ownership we have provided at the last page of this catalogue a design submission sheet. If you require us to design/select specific equipment, please complete the submission sheet and forward to our technical engineer. This selection process may result in some dimensions of the selected equipment differing from those stated in this catalogue.

CONVEYOR
PRODUCTS



JMA Metal Conveyor Belt List

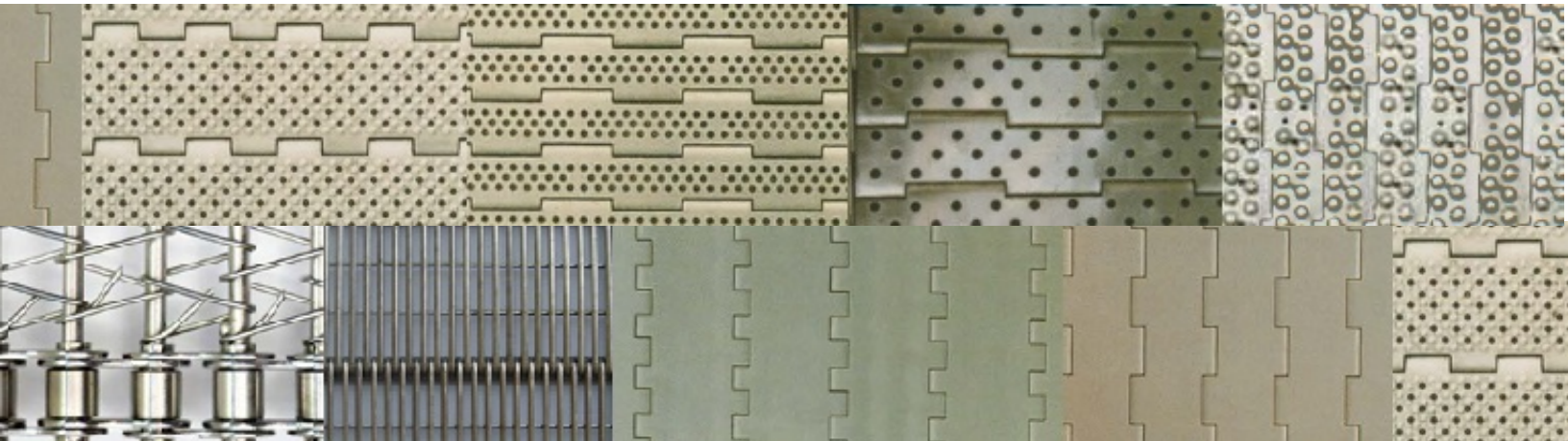
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CONVEYOR PRODUCTS



Quality Assurance

ISO 9001 and ISO 14001 certification at our factory ensures that the JMA product range is of the highest quality in meeting Australian customer demands. Through continuous improvement, research, development, and technical innovation, the JMA product range is manufactured to suit specific application and performance requirements. We also offer design and innovation solutions to meet our customer specified requirements, prevent damage in transit and for secure storage.

Any JMA Conveyor Product is available independently tested in Australia, meeting and exceeding the customer's requirements. We are also able to manufacture to DIN, BS, JIS and SANS standards.



Hinged Steel Belt

Hinged Steel Belt also is named metal chain plate conveyor belts, plate link conveyor belts, etc, which is a type of conveying device made of steel plates and hinge pins or connection rods. Compared with wire belts, the metal plate conveyor belt can supply larger contacting area, flat and smooth surface for drying, sorting, and conveying. We can supply you various types and customized specs of hinged steel belt.

Features

Stable operation - The flat and smooth surface supplies large conveying surface and stable conveying.

Convenient installation - The installation of metal plate conveyor belt has simple structure, which can be installed and replaced conveniently and fast.

Suitable for medium and heavy load transportation - The metal plate conveyor belts have large conveying surface and they can self-support in heavy duty applications.

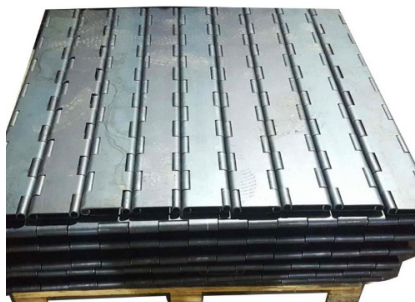
Corrosion and rust resistance - Various anti-corrosive materials and surface treatments ensures the metal plate conveyor belts corrosion and rust resistance. It can be used in harsh environments and arduous conditions.

Durable and long service life - The material of metal plate conveyor belt is tough, which can be used in good condition for long service life.

Applications

- ✓ Transporting
- ✓ Drainage
- ✓ Sorting
- ✓ Elevating
- ✓ De-elevating
- ✓ Waste treatment
- ✓ Blanching
- ✓ Drying

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Specification

Material: carbon steel, SS 201, SS 304, SS 316.

Plate thickness: 0.8 mm, 1 mm, 1.2 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 3.5mm, 4mm.

Connection rod diameter: 5 mm, 6 mm, 8 mm, 10 mm, 12 mm, 14mm, 16mm, 18mm, 20mm.

Rod pitch: 19.05 mm, 25.4 mm, 31.75 mm, 38.1 mm, 50.8 mm, 76.2 mm.

Chain plate width: 200 mm to 4,000 mm.

Pin/Rod diameter: 5–8 mm

Surface treatment: hot dipped galvanized, blacking

Belt length: customized

Hole shape: staggered/straight round, vertical/horizontal strip, slot, square

Side plate: Available

Perforated plate with staggered hole belt



Perforated plate with straight hole belt



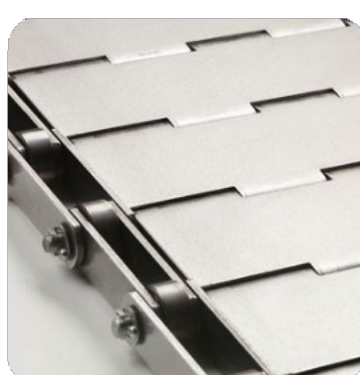
Perforated plate with vertical strip hole belt



Flat Plate with Curable chain belt



Flat plate belt



Flat plate with straight chain belt



Wire Mesh Belt

Applications/features Wire mesh belts have extra-large openings and are very well suited to coating processes such as food forming, baking, washing and other applications in which the product should have as little contact with the conveyor belt as possible. It is especially suitable for light products to transport and the small radius on the reverse provide handy product transfer. There are three types, which is flat wire belt, eye flex conveyor belt and compound weave conveyor belt.

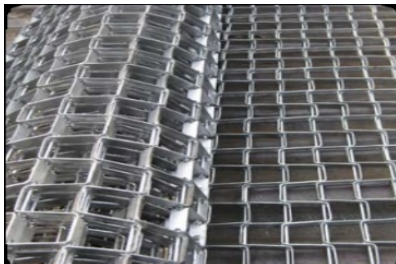
Features

- ✓ High strength to weight ratio prevents belt from deforming under heavy loads.
- ✓ Anti-slip, high temperature resistance.
- ✓ Large opening area for excellent air circulation.
- ✓ Low maintenance, easy to clean and install.
- ✓ Durable with longer lifespan.

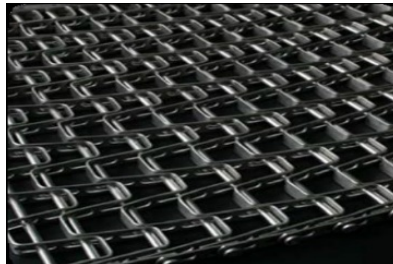
Flat wire belt

Material:	galvanized low carbon steel C1015, high carbon steel C-1045, C1050, stainless steel T-304, T-306.		
Mesh size (inch):	1 × 1, 1/2 × 1, 1/2 × 1/2, 3/4 × 1		
Belt width:	3"-240"		
Flat strip:	Standard (inch) 3/8 W × 0.046 T	Radius (inch) 1/2 W × 0.062 T	Heavy duty (inch) 1/2 W × 0.062 T
Cross rod:	Standard 11 & 12 gauge	Radius 6 gauge	Heavy duty 6 gauge
Edge style:	clinched edge, welded edge		
Belt speed:	1 m/min – 25 m/min		
Temperature range:	-30 °C to 400 °C		
Accessories:	flight clip, lane divider, edge guard or pin up attachment		

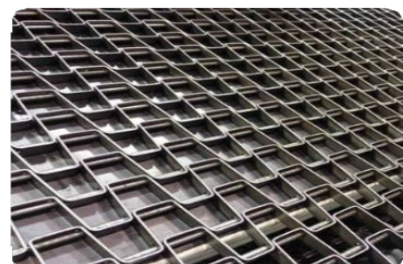
Standard flat wire belt



Radius flat wire belt



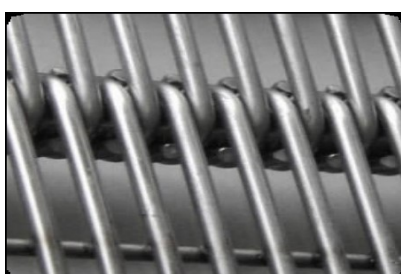
Heavy duty flat wire belt



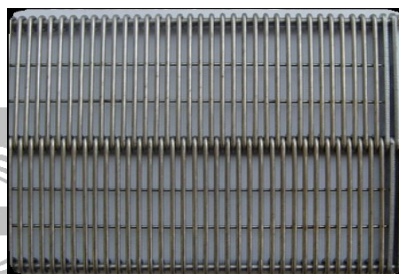
Eye flex belt

- Material:** galvanized low carbon steel C1015,
high carbon steel C-1045, C1050,
stainless steel T-304, T-306.
- Type:** standard, under welded wire spacing, ring as spacer
- Opening area:** 20%–90%
- Belt gap:** 0.08"–1.97"
- Diameter of wire link:** 0.06" with light and fine structures to 0.16" for heavy load applications
- Belt Width:** 1.97"–275.6"

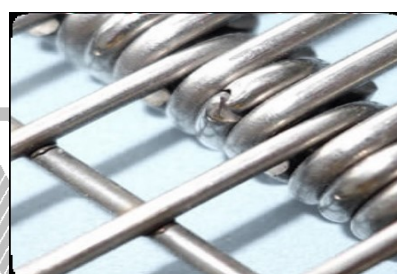
Standard eye flex belt



Eye flex belt with under welded wire spacing



Eye flex belt with ring as spacer



Compound weave belt

- Material:** galvanized low carbon steel C1015,
high carbon steel C-1045, C1050,
stainless steel T-304, T-306.
- Coil wire diameter (inch):** 0.04, 0.05, 0.06, 0.08
- Coil pitch (inch):** 0.17–0.44
- Cross rod diameter (inch):** 0.05, 0.06, 0.08, 0.1
- Cross rod pitch (inch):** 0.09–0.2
- Belt Width:** up to 118.11"
- Edge finish:** welded edge, chain edge



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ALL PURCHASERS AND USERS SHOULD CONSULT THEIR APPROPRIATE LOCAL, STATE AND FEDERAL REGULATIONS AND STANDARDS.

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