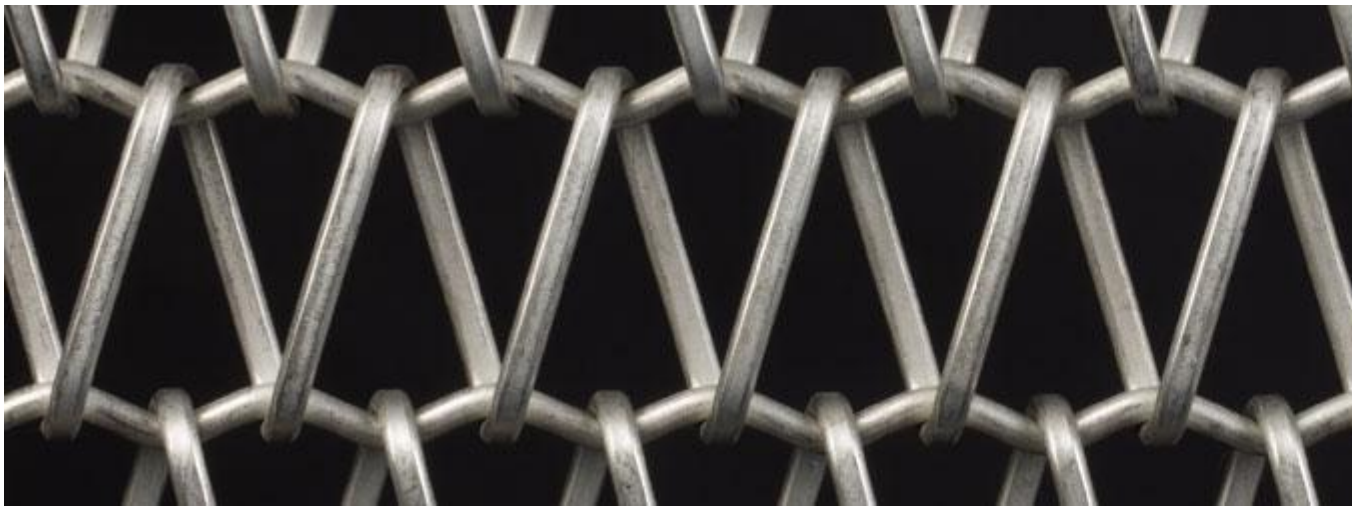
浪　心　输　送　带



该传送带光滑平整的表面提供了不带标识的最佳产品支持。

- 较少的拉伸和拱起
- 较少的产品标识
- 改进跟踪
- 增加产品支持
- 更为光滑平整的表面

初始传送带拉伸和拱起（变形）几乎完全根除，因为浪心输送带没有多余金属丝变形或伸长。标准圆线传送带的厚的椭圆形螺旋有一个由所有多余金属丝形成的虚弱形状。张力作用下，它弯曲并超出原始节距长度拉伸，这就造成了变形。

浪心输送带的光滑平整的表面提供了最佳的产品支持，而不需要警示带标志。甚至在浪心输送带螺旋形成之前，其圆线也在轧板机中拉直。然后形成平直的椭圆形螺旋。计算机控制的机器保证了形成的每个螺旋都有统一平行的精确平整度。普通传送带拥有由圆线形成的螺旋，并且这些传送带上的产品传输在到达螺旋顶峰时出现不稳定，这就造成了产品标识。

螺旋铰链区的设计对传送带寿命至关重要。普通螺旋拥有十字杆点对点接触的圆形铰链区。这些点对点接触造成传送带线材和螺旋的过度磨损。螺旋中十字杆的松配合造成金属间的连续摩擦。相反，浪心输送带铰接配有平坦，宽阔的接触区。每个螺旋铰接都准确匹配，并精确固定到其十字杆以防止金属间的持续摩擦。精确匹配减少了拱起，并延长了传送带寿命。

多种不同合金材料的 Flat Seat 金属传送带可供使用。联系我们来讨论选择最适合您应用的传送带。

*关键行业:*建筑产品，电子和食品加工

*核心应用:*烘烤，烹饪，固化，脱水，干燥和成形，干燥印刷电路板，气密封，进料与退出，厚膜烧制，转移和清洗

烤箱浪心输送带

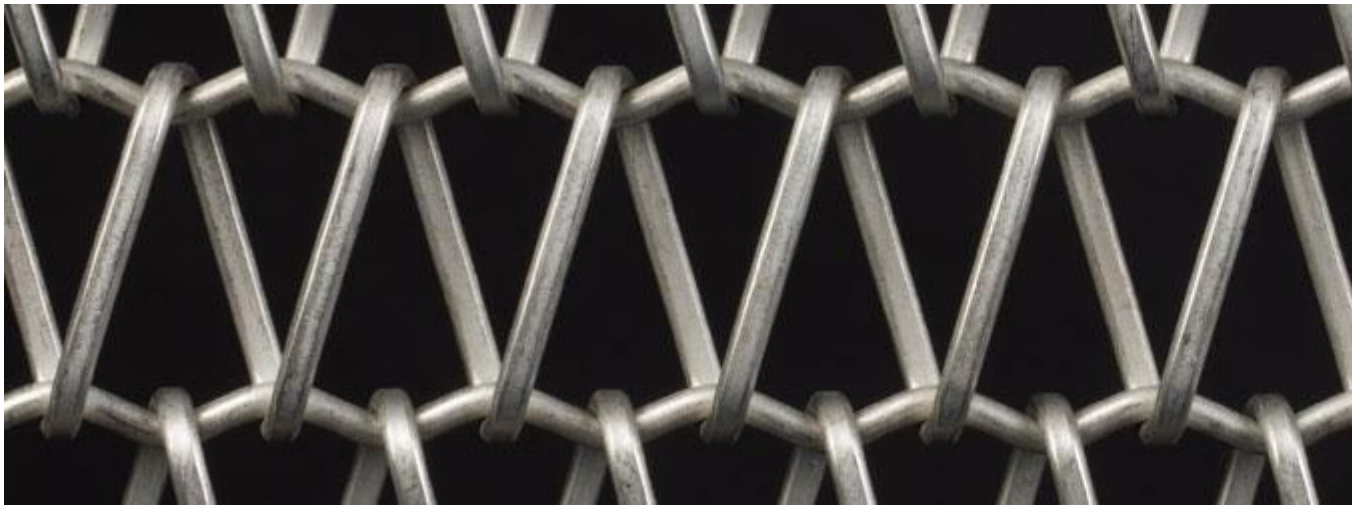
烤箱平衡平座（Oven Balanced Flat Seat）® (OBFS)传送带是 Flat Seat 设计的一项进步。它提供了超细，超光滑和无振动运输。这些传送带更适于干燥，固化和烘烤的几个理由是：它们的强度和耐用性使传送带寿命更长；产品和传送带振动被消除；没有产品标识；更好的跟踪，以及易拼接。

圆形浪心输送带

圆形浪心输送带是综合了两者的优势。外部金属丝为圆形，而内部为平直的，从而改善了跟踪，减少了传送带拉伸，同时利用传统圆线传送带实现产品标识。圆形浪心输送带通常用于小食品行业。

BALANCED

BELT-CURVE



The smooth, flat surface of this conveyor belt offers the best product support without marking

- Less stretch and camber
- Less product marking
- Improved tracking
- Increased product support
- Smoother, flatter surface

Initial belt stretch and camber (distortion) are virtually eliminated because the Balanced Belt-curve spiral has no surplus wire to distort or elongate. The thick, oval spiral of standard round wire belts has a weak shape that is all excess wire. Under tension, it bends and stretches beyond its original pitch length, causing distortion.

Balanced Belt-curve’ s smooth, flat surface offers the best product support with no telltale belt marks. Even before the Flat Seat spiral is formed, its round wire is flattened in a rolling mill. It is then formed into a flat, oval spiral.

Computerized machines guarantee that each spiral is formed with a precise flatness that is uniformly parallel. Ordinary belts have spirals formed from round wire, and products conveyed on these belts ride unsteadily on the peaks of these spirals, resulting in product markings.

The design of a spiral’s hinge area is also critical to a belt’s life. Ordinary spirals have a rounded hinge area with a point-to-point contact with the cross rod. This point-to-point contact causes excessive wear of the belt’s rods and spirals. The loose fit of the cross rod in the spiral allows continuous rubbing of metal against metal. In contrast, the Flat Seat hinge is designed with a flat, broad contact area. Each spiral hinge is accurately matched and precisely seated to its cross rod to prevent continuous rubbing of metal to metal. This precise match reduces camber and increases belt life.

Flat Seat metal belts are available in a wide range of alloys. contact us to discuss selecting the one that is best for your application.

Key industries: Building Products, Electronics, Food Processing

Key applications: Baking, Cooking, Curing, Dewatering, Drying and Forming, Drying Printed Circuit Boards, Hermetic Sealing, Infeeds and Exits, Thick Film Firing, Transfers, Washing

Oven Balanced Belt-curve

The Oven Balanced Belt-curve is an advancement of the Flat Seat design. It provides ultra-thin, ultra-smooth, vibration-free conveyance. These belts are preferred for drying, curing and baking for several reasons: their strength and

durability give a longer belt life; product and belt vibration are eliminated; no product marking; better tracking and they are easily spliced.

Round Balanced Belt-curve

Round Balanced Belt-curve are the best of both worlds. The wire is round on the outside and flat on the inside, allowing for improved tracking and reduced belt stretch while still maintaining the product marking achieved with traditional round wire belts. Balanced Belt-curve are commonly used in the snack food industry.