

The background image shows a complex industrial manufacturing environment. In the foreground and middle ground, there are several large, cylindrical metal components, likely battery cells or modules, arranged in rows. These are being processed by a series of conveyor belts and automated machinery. The machinery includes various rollers, guides, and structural frames. The lighting is industrial, with some areas appearing brighter than others. The overall scene conveys a sense of large-scale manufacturing and automation.

HONG'S BELT®

Smart Conveyor System Solutions

HONG'S BELT Electric Vehicle Batteries Industry Solutions

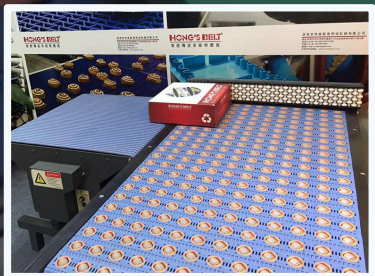
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Electric Vehicle Batteries Industry Industry Applications

What fields can HONG'S BELT products be applied to?

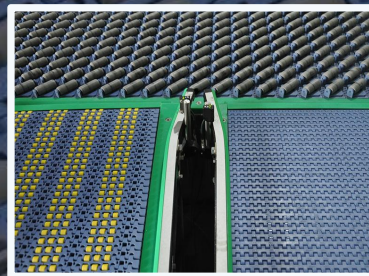
**90-DEGREE
TRANSFERS**



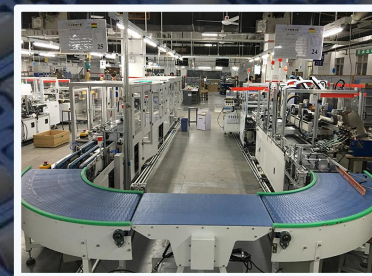
**STRAIGHT LINE
CONVEYING**



**SORTING AND
MERGING**



**Flat Curved
Conveyor**



**Flexible Chain
Conveyor**



90-DEGREE TRANSFERS

FDA certification

The HONG'S BELT 90-Degree Transfer solution effectively solves the problems of traditional 90-degree conveyor systems and small-radius curve conveyors such as blockage, downtime, battery position errors or sensor failures that cause slow production. 90-degree transfer conveyors do not require complicated controls. The orientation and position of the package can be precisely set using the unit and the additional transfer part.

- Use HS-3800-2C module belt
- High roll density can accommodate large changes in product size
- Higher throughput than pop-up systems at the same conveyor speed
- Product alignment at outfeed
- Shorter cycle times due to continuous movement
- No control or compressed air required
- Reduced footprint usage and increased layout flexibility



Super Wear-Resistant - Super Long Life

STRAIGHT LINE CONVEYING

**All Brand Compatible
Replacement**

Straight line conveyor solutions for the EV batteries industry

Module belts for cells and battery modules: HS-700 series (perfect replacement for intralox s900 series) and HS-3200 series (perfect replacement for intralox s1000 series)

- Rack and sprocket design improves engagement with the belt and allows for easier installation
- Small pitch helps dampen string vibration and reduces transition plate spacing

Module belts for battery packs: HS-3200 series (perfect replacement for intralox s1000 series), HS-3400 series (perfect replacement for intralox s1400 series)

- Higher belt strength for gentle handling of heavy loads, such as battery packs
- No moving parts above the conveyor belt surface, intrinsically safe design, no guards required



Super Wear-Resistant - Super Long Life

View More Modular Plastic Belt:

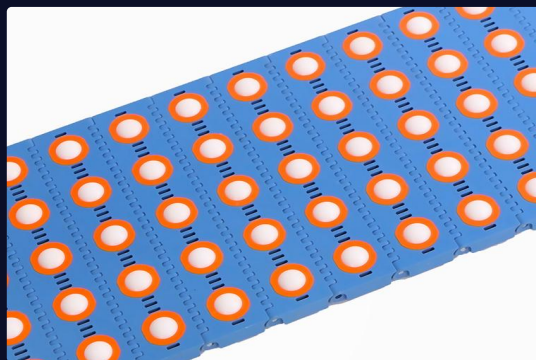
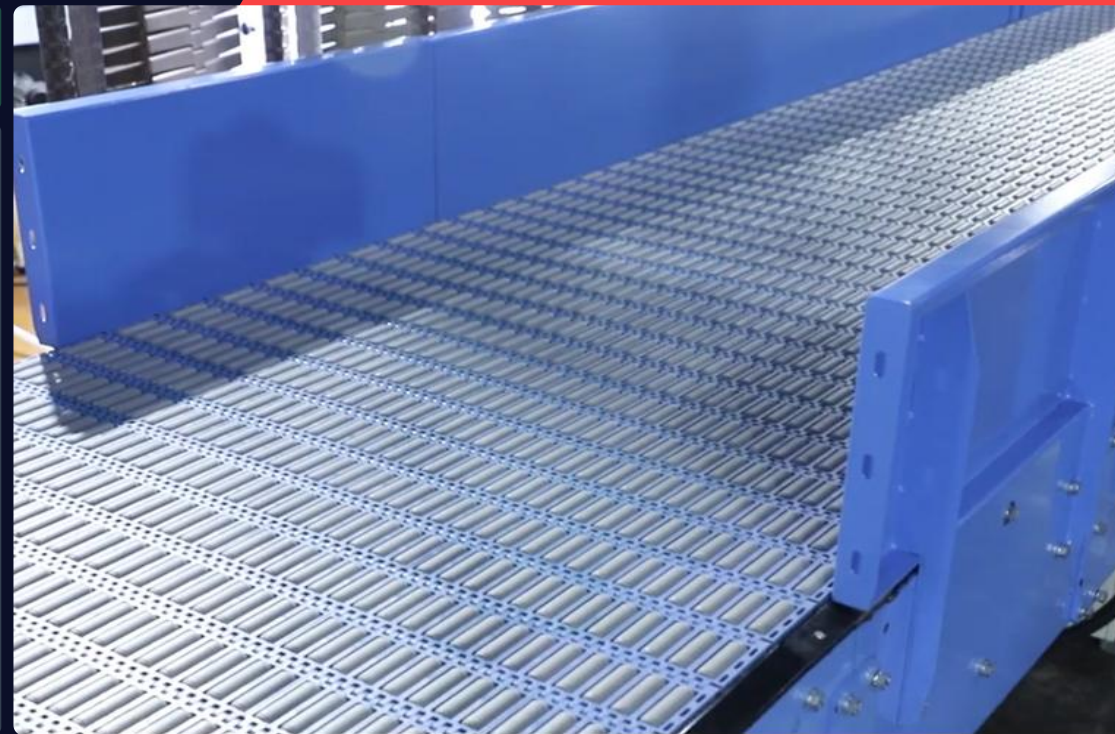
<https://www.hongsbelt.com.cn>

SORTING AND MERGING

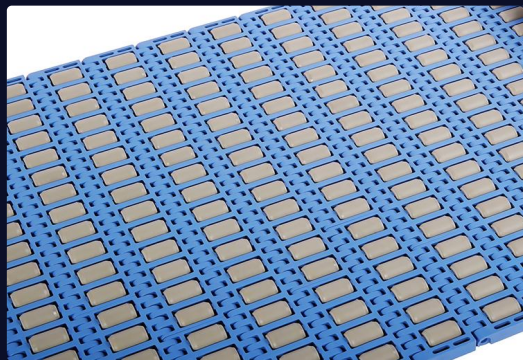
HONG'S BELT provides various models of modular belts for sorting and merging solutions

These include HS-3800-6C, HS-3800-4C, HS-3800-3C, HS-3800-2C, HS-3800-1C. Its non-contact delivery method is especially suitable for easily damaged products, such as high-voltage lithium ion Battery packs and modules that protect product integrity and improve safety.

We can also customize the conveyor equipment you need. These equipment only need to be equipped with one drive motor and provide bidirectional conveying capabilities, which can effectively simplify the production line. They increase safety, simplify maintenance, and lower total cost of ownership by eliminating the need for additional moving parts such as guards, splitter arms, or pop-up transfers.



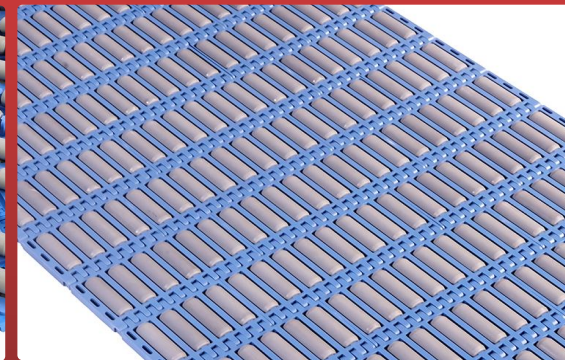
HS-3800-1C



HS-3800-3C



HS-3800-4C



HS-3800-6C

Flat Curved Conveyor

FDA Certification
MODULAR BELT

HS-2000A modular flat top curve conveyor belt boasts stable operation, and fixed structure design, which avoids the disadvantages of the linear segment presentation of general curve modular network at the driving end. HS-2000A modular flat top curve conveyor belt can replace the surplus linear segment design with various included angles, which saves the mechanical manufacturing cost and makes the assembly line layout the most space-saving operation mode. HS-2000A modular flat top curve conveyor belt adopts sprocket drive, and the belt is made with special compound plastic steel material (meanwhile, new materials can be developed as required, such as strong acid and strong base resistant, high-temperature resistant, low temperature resistant, anti-static, etc.), which can withstand instantaneous impact, and low friction coefficient, and show the strength of extension more than 10 times greater than the general PVC curve conveyor belt;



**Super Wear-Resistant - Super
Long Life**

**All Brand Compatible
Replacement**

Flexible Chain Conveyor

HONG'S BELT flexible chain belts are widely used in the field of assembly, precision components (such as lithium-ion wafers). In these cases, the combination of a modular chain conveyor system allows smooth, consistent transfer of components to automated assembly equipment (SCARA or 6-axis robots perform most assembly tasks).

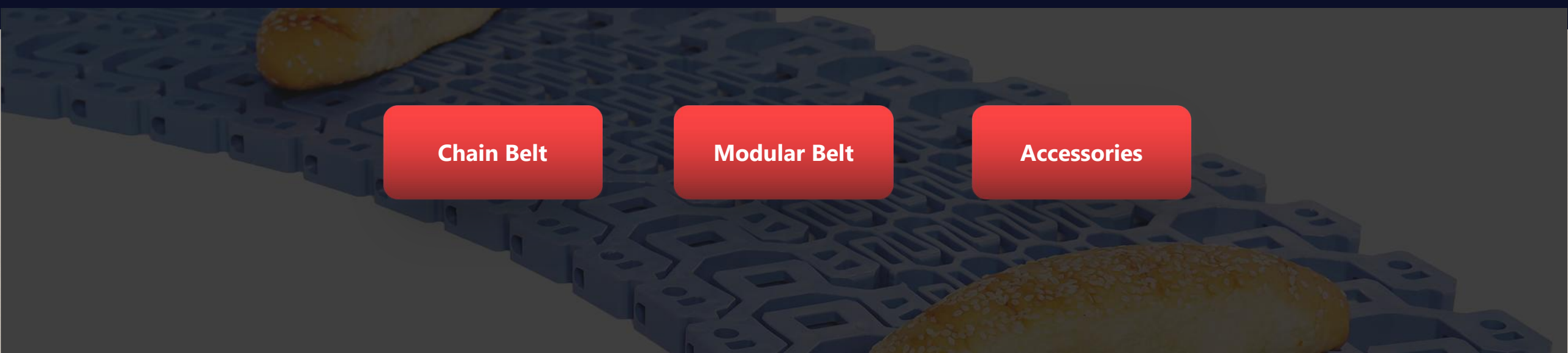
HONG'S BELT offers a wide range of conveyor modules and components so automated part feeding and material handling enhancements can be easily added to larger battery assembly systems. The equipment is capable of handling considerable weight and size and offers high chain tensile strength (up to 1,250 N). High-performance variable-speed drives allow for maximum operating efficiency and can save thousands of dollars in energy costs.



Super Wear-Resistant - Super Long Life

Product Description

Some models of Beverage Industry Applications

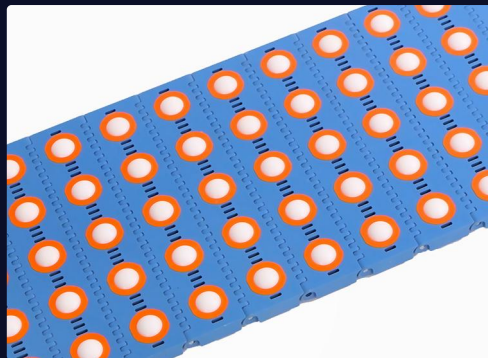


Chain Belt

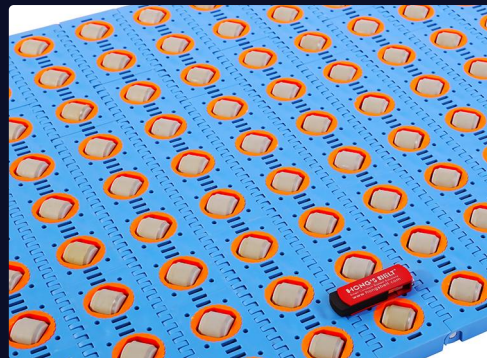
Modular Belt

Accessories

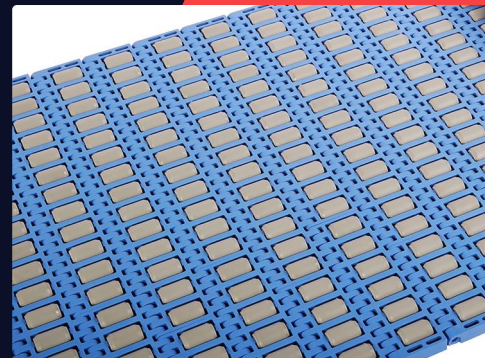
Plastic Modular Belt



HS-3800-1C



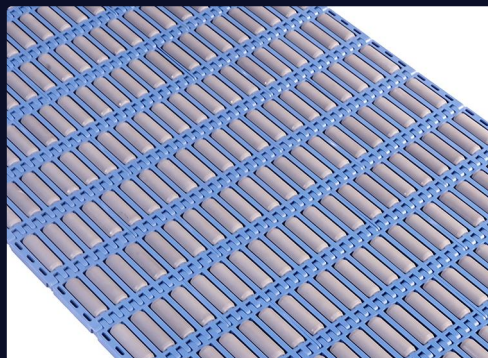
HS-3800-2C



HS-3800-3C



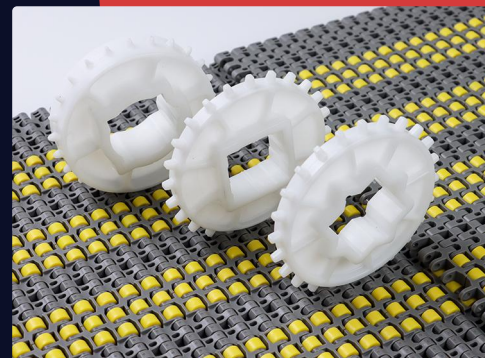
HS-3800-4C



HS-3800-6C



HS-3200A



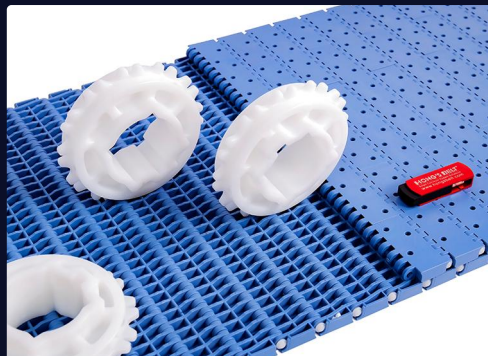
HS-3200C



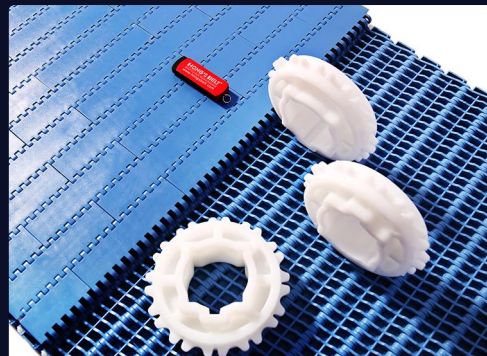
HS-3200EL

View More Plastic Chain Belts: <https://www.hongsbelt.com.cn>

Plastic Modular Belt



HS-700AB-N



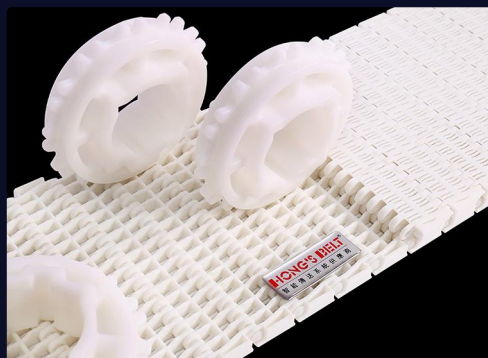
HS-700A-N



HS-700B-N



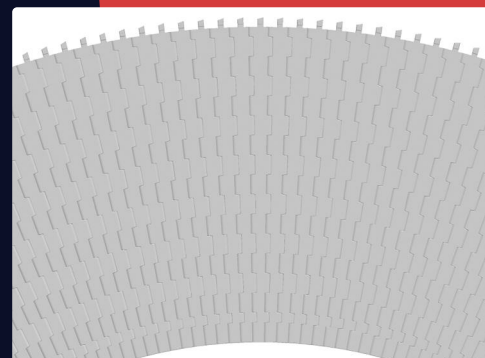
HS-700EL-N



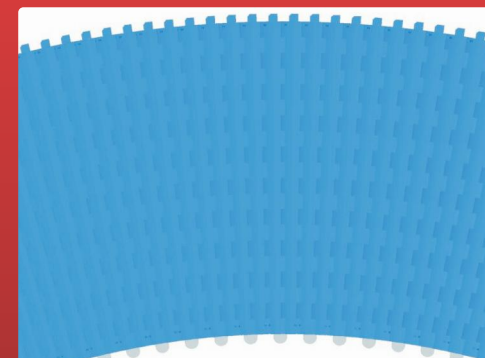
HS-702B-N



HS-706B-N



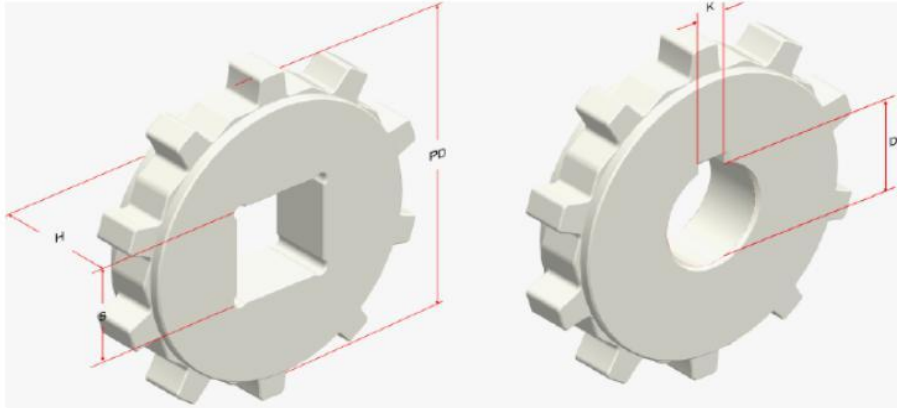
HS-2000A



HS-8000A-RC

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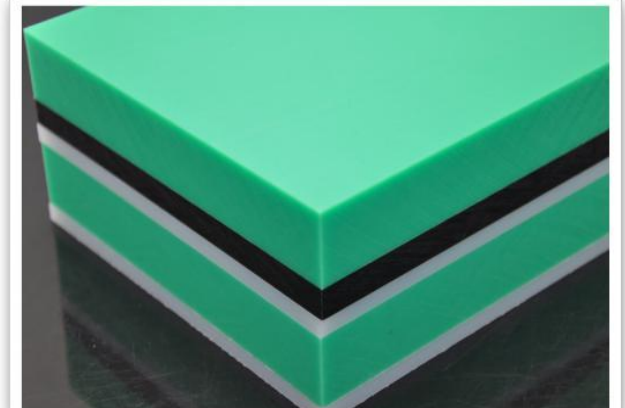
Modular Conveyor & Related Conveyor Accessories



Square Bore Sprockets Round Bore Sprockets



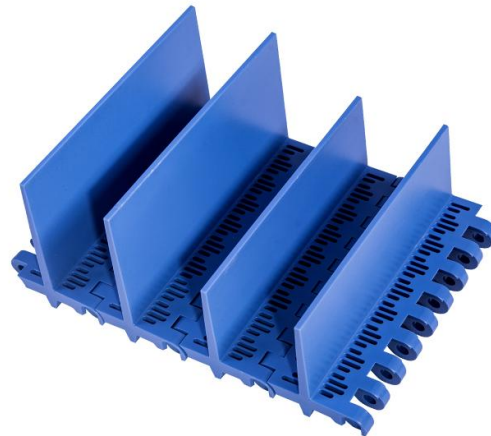
Accessories



High Polymer 6,000,000 Wear Strip



High Polymer Fixed Returner Ring



Cleat



Modular Conveyor

For more modular belts or conveyors for the bakery industry, please contact us

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more conveyors:
www.iconveytech.com

They Are Using Our MPB Compatible Alternative



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Smart Conveyor System Solutions



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