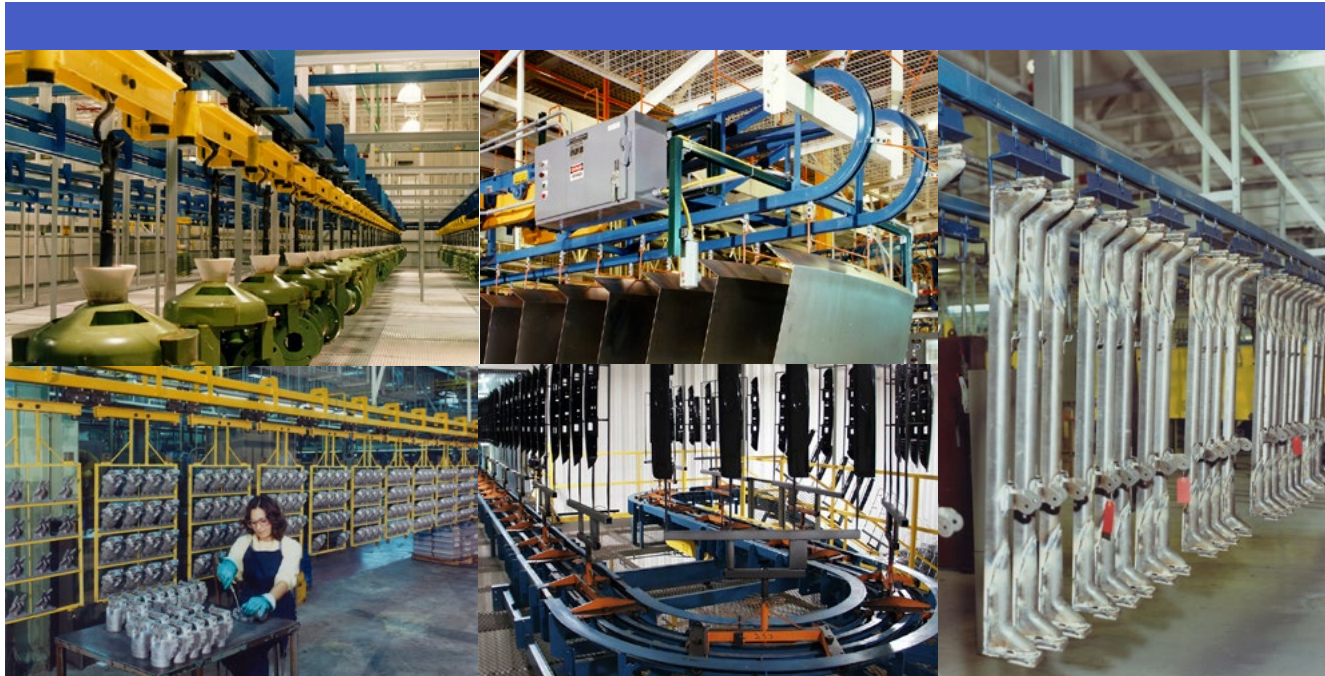


UNIBILT®

Enclosed Track Conveyors

Power & Free • Continuous Flow
Hand Pushed • Over-N-Under • WideTrak



DAIFUKU

UNIBILT® Conveyors

Their durability and reliability make Unibilt Conveyors the gold standard in the industry.

Increase productivity by making optimum use of available space and improving material flow. Unibilt conveyors are sold by our network of distributors.

Overhead Power & Free

Overhead conveyors, utilizing the power & free concept, offer maximum versatility and control. They can accumulate loads, switch and reroute products, and pace production speeds. In addition, Power & Free features on-line accumulation and diagonal banking capabilities. Unibilt is the innovator in enclosed track Power & Free conveyors.



Overhead Continuous Flow

Continuous Flow is a straight overhead, enclosed-track conveyor designed to handle individual loads up to 250 pounds. This kind of conveyor is strong enough for large-volume production runs, yet more economical than standard, heavy-duty I-beams. Overhead Unibilt Continuous Flow offers maximum flexibility, optimum use of space, and greater efficiency for your operation.

Unibilt WideTrak™

WideTrak is an innovative solution for clean and simple handling of parts through assembly line operations and finishing process equipment such as washers, dry-off tunnels, paint booths, and bake ovens. The triple rail conveyor system provides stable handling of multi-part racks through automated paint finishing lines.





Over-N-Under

Over-N-Under gravity, power, or Power & Free conveyors provide economical storage, live accumulation and transfer of parts or loads over designated distances. Over-N-Under conveyors can be configured to detour around obstructions and over aisles. Unibilt gives you a choice of economical and efficient Over-N-Under conveyors to suit your space and cost requirements.



Hand-Pushed

Hand-Pushed conveyors, used in areas where mechanized conveyors are not required, work with minimal effort because of quality component design. Many Hand-Pushed systems can be converted to powered conveyors at a later date. Initial lower cost, coupled with easy installation and low system upkeep, spell cost efficiency and productivity.

Inverted Power & Free

The Inverted Power & Free design offers added benefits in many applications. Inverted Power & Free offers 360° product accessibility, ideal for robotic interface applications. Plus, its clean inverted orientation allows it to be used in painting and other sanitary operations. Inverted Power & Free is an integral part of a wide range of modern industrial facilities.



Inverted Continuous Flow

Inverted Continuous Flow is Unibilt's inverted version of its standard overhead conveyor. It offers all the advantages of the straight overhead conveyor with the added ability to protect the product from contamination. It is ideal in clean-room applications. Inverted Continuous Flow means fewer product rejects, and that means greater productivity.

Quality Unibilt Components



Nylon wheel chain



Steel wheel chain

Universal Link Chain

Unibilt link chain features alternating vertical load-carrying and horizontal lateral-guide wheels. This gives maximum flexibility in all directions to help reduce friction and promote long life. Each pitch features a symmetrical chain pin joint and is easily assembled. With a steel wheel or nylon wheel option, this link chain can meet many needs.



Power & Free Trolleys

Generally, Power & Free carrier assemblies are mounted on two trolleys (front and rear) that run in the free track. In addition, an intermediate trolley is available for situations involving long loads. Inverted trolleys are available in standard and heavy-duty models, with maximum load capacities of up to 750 lb per single trolley.

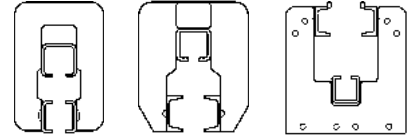
“C” Hooks

These continuous flow inverted conveyor sections show “C” hooks attached to a single trolley (left) and a two trolley load bar design (right).



Enclosed Track

This square tubular section is roll-formed from high strength WebbAlloy II™ steel. Featuring a yield strength up to 26% stronger than carbon steel, good corrosion resistance and high rigidity over long spans.



Power & Free Track

The power track is constructed of roll-formed WebbAlloy II™ steel. The free track is made from WebbAlloy® steel. These special alloy steels have greater abrasion resistance and better load-carrying characteristics than plain carbon steel. For applications that require even greater corrosion resistance, Unibilt track is also available in roll-formed 300 Series stainless steel.

Caterpillar Drive Unit

Unibilt drive units feature a compact, high-efficiency inverter duty motor/reducer combination that sends more power directly to the drive. This configuration immediately reduces noise and maintenance, while improving overload cut-off accuracy and durability. Specially developed for Unibilt conveyors, the caterpillar drive units are designed to provide maximum flexibility for all enclosed track power requirements. Many outstanding features are available that are not found on any other single compact unit.



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