

Unibilt®

Enclosed Track CONVEYORS

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



JERVIS B. WEBB COMPANY
WORLDWIDE MATERIAL HANDLING SOLUTIONS

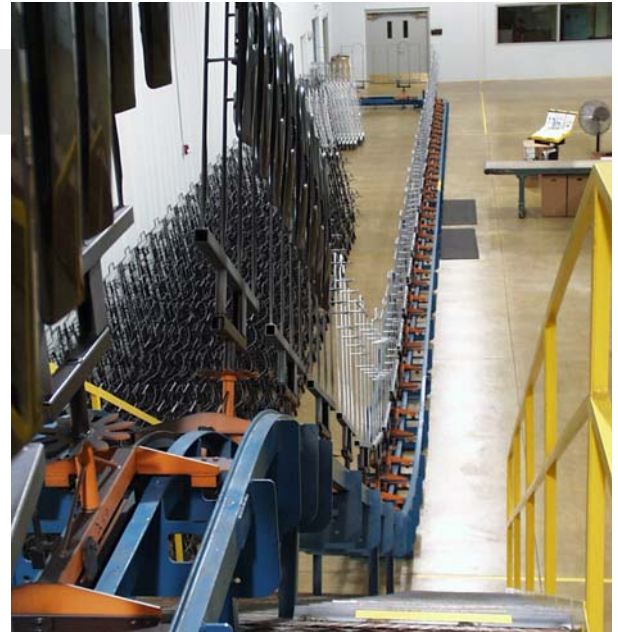


Unibilt Conveyors

...increase productivity by making optimum use of available space and improving material flow. Standard components are available through our network of distributors.

Unibilt WideTrak™ Conveyors

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 was designed for stable handling of multi-part racks through automated paint finishing lines. This unique Unibilt conveyor is a new addition to our popular line of conveyor products. The same dependable, hardworking Unibilt components are used in this conveyor to provide reliable performance under demanding conditions.



Inverted Power & Free Conveyors

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.

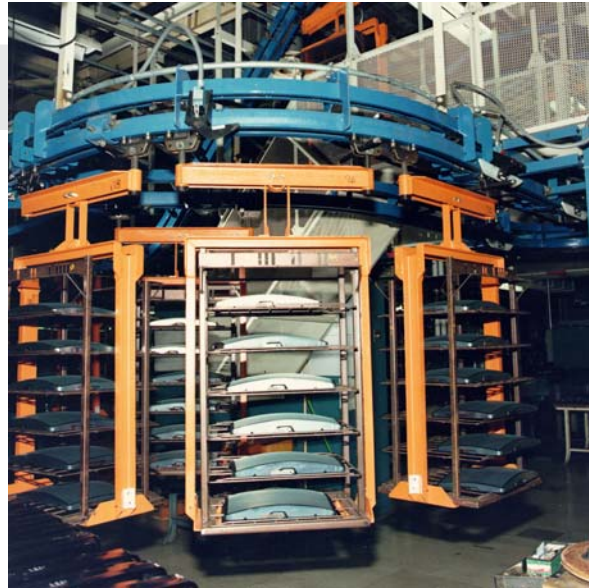


Inverted Continuous Flow Conveyors

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 particularly beneficial in clean-room applications. Inverted Continuous Flow means fewer product rejects, and that means greater productivity.

Overhead Power & Free Conveyors

Overhead conveyors, utilizing the power and free concept, offer maximum versatility and control; because 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 and free conveyors.



Overhead Continuous Flow Conveyors

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.

Over-N-Under Conveyors

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's Power & Free version provides an added dimension to the Over-N-Under conveyor. Unibilt gives you a choice of economical and efficient Over-N-Under conveyors to suit your space and cost requirements.

Hand-Pushed Conveyors

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.



Quality Unibilt Components

Hardworking Unibilt components provide reliable performance under demanding conditions.



Nylon wheel chain

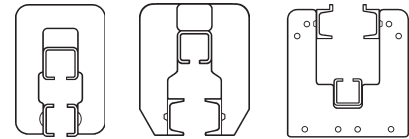


Steel wheel chain



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.



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).



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.



Webb has a global network of distributors and representatives to serve you.

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