



*Your Best
Source for*

HEAVY DUTY *Roller Conveyor Solutions*

Improve Your...

- *Production Flexibility*
- *Employee Flexibility*
- *Operation Productivity*
- *Product Quality*
- *Storage Capacity*

Jervis B. Webb Company
MATERIAL HANDLING SYSTEM SPECIALISTS



500 to 5000 pounds

Webb Heavy-Duty Roller Conveyor Systems offer a full line of standard, modular designs and complete custom designed equipment for handling your heavy unit loads.



Webb heavy unit load handling conveyors are the heart of many of today's fast paced manufacturing, warehousing, and distribution operations. It is important to have conveying equipment that is rugged, easy to layout, install, and maintain.

With an 80 year tradition of innovation and engineering excellence, Webb supplies a wide variety of products and services to satisfy your heavy unit load requirements.



A Team Approach- Merging our knowledge of material handling equipment and our customer's knowledge of their product and processes has led to hundreds of successful solutions in a wide spectrum of industries. As the largest, most successful producer of custom-engineered material handling systems in the world, the Jervis B. Webb Company can supply a full range of material handling products and services.

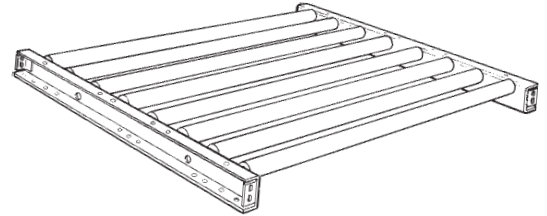
Project Management- The best plans cannot succeed without proper execution. Your project is assigned a cross functional project work team, led by a Project Manager. Project Managers are responsible for the planning, organization, and control of your project. They are engineers and specialists, field trained and knowledgeable in conveyor system development. From concept to acceptance, the project team focuses on providing the expertise, equipment, services, and system support needed to complete the project.

STANDARD Heavy Duty Conveyor Products

Standard bolt-together components are available in a broad range of sizes and weight capacities. We also offer the accessories necessary to customize your system to meet your specific load, space, and operation requirements.

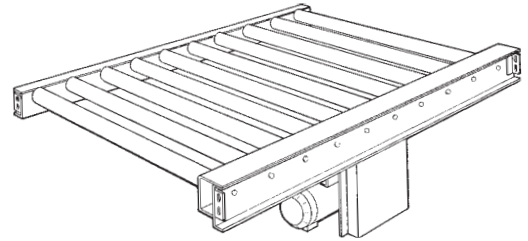
Gravity Roller Conveyor

The low cost solution for simple material handling requirements, these conveyors are widely used because of their simplicity, low unit cost, and ease of maintenance.



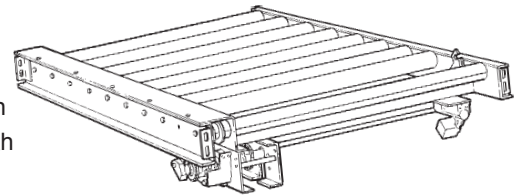
Chain Driven Live Roller Conveyor

As the cornerstone of unit load conveying systems, this conveyor provides positive drive for single or bi-directional transportation of large, heavy loads. It is also capable of low pressure accumulation with the use of plastic slip sleeves on the rollers.



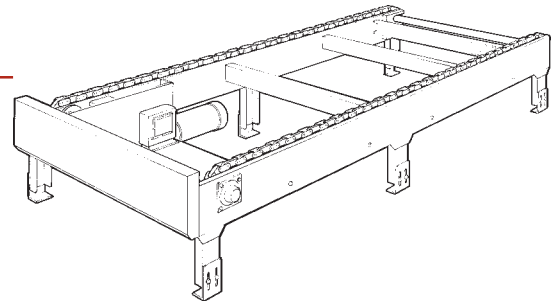
Pallet Accumulation Conveyor

This conveyor consists of separate zones of chain driven live roller conveyor, each powered through a mechanical clutch. The clutch controlled zone allows loads to advance to the farthest downstream empty zone. Each zone is signaled and disengaged in succession, providing accumulation with zero line pressure. The loads never contact! This method of accumulation is more cost effective than individually powered and controlled sections of chain driven live roller conveyor.



Multi-Strand Chain Conveyor

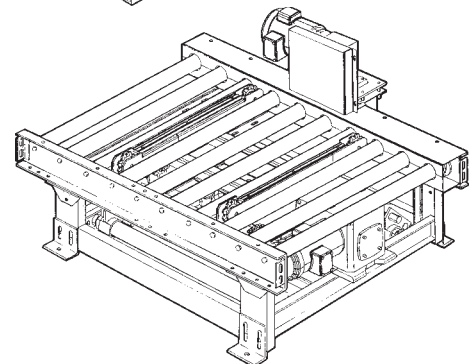
Loads on this conveyor are transported on two or more strands of double pitch roller chain. It is ideal for handling loads that cannot be conveyed on roller conveyor such as containers with feet, wire baskets, pallets with bottom boards running perpendicular to the direction of flow, and pallets with poor integrity.



Chain & Roller Transfers

Chain Transfers are short runs of two or more strands of double pitch chain conveyor built into a Chain Driven Live Roller conveyor. The transfer chains rest below the rollers. When activated by an air operated lifting device, they pop-up beneath the load and provide right angle transfers off the conveyor.

Roller Transfers are small sections of roller conveyor built between the strands of a Multi-Strand Chain conveyor and work in the same manner as Chain Transfers.



When you entrust your business to us... you can receive continuing support after the installation is complete. For your system to be totally successful and reach its maximum productivity potential, you must have confidence with all aspects of system operation and maintenance.



Well designed material handling equipment is only part of the answer. An integrated material handling system is only as good as the software and controls that run it. Our engineers design software and controls that give you the tools you need to maximize efficiency and productivity in all aspects of your operation. Based on your input, we develop user-friendly controls that streamline existing processes and provide your staff with access to necessary conveyor operations. Our systems can interface to your host computer, provide reciprocal flow of information, record and analyze work completed, and respond dynamically to changes in production requirements. Let us design a material handling control system that can help you to improve your operations.

Training & Documentation

We offer complete custom designed, hands-on training programs at your facility and/or our training center, to meet your specific needs. We offer training programs for management, operators, and maintenance personnel that ensure you achieve maximum productivity from your system. Our detailed operation/maintenance manuals and maintenance technician training helps to assure that system operators are thoroughly familiar with the system and its capabilities. In addition our engineers and technical staff are available to provide expertise and support whenever necessary.

Maintenance & Parts

Jervis B. Webb Company provides complete maintenance and replacement parts support. Our trained technicians can support you with prompt service and periodic systems auditing.

Getting Started

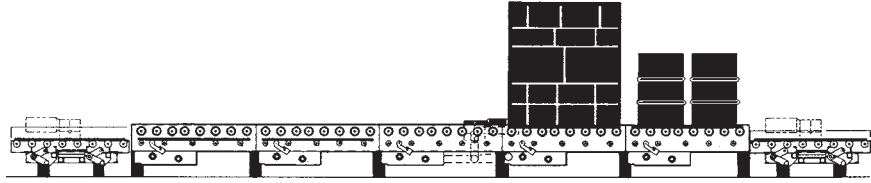
The initial step is an in-depth evaluation of your production goals, output requirements, throughput times, current processes, and all other pertinent system/operation parameters to assure a thorough analysis of all activities that take place in your facility. Together we select the most promising concept that will meet your needs and offer you the best value.

A partial list of the parameters we review are:

- Load characteristics
- Pallet or load base configuration
- Throughput requirements
- Material flow
- Operational processes
- Scheduling
- Site conditions
- Space available & space conservation
- Control systems architecture and interfaces
- Software requirements
- Integration with other material handling equipment

Advanced Products

Pallet Management Conveyor



The primary function of the pallet management conveyor is to provide a slave pallet that carries every load on the conveyor, regardless of the footprint or configuration of the load. Additional features include accumulation, queuing and temporary storage. This conveyor greatly reduces handling costs in facilities that have a large percentage of unconveyable loads (such as drums, wire baskets, molded pallets, or items that have irregular or uneven load surfaces). It is a two level conveyor system that recirculates empty pallets on a lower level. The upper level carries loaded slave pallets to out-feed stations. The pallet management conveyor system is designed to interface easily with fork trucks or automatic guided vehicles and provides significant benefits to cross docking freight facilities.

Smart T-Car™

Our high speed Smart T-Car is a breakthrough in transfer car technology. It employs an on-board programmable controller that directs all of the internal functions of the rail guided car and provides host interface capabilities for complete system integration. It is pre-wired, pre-tested, fully programmed, and adaptable to changes within your system. Our standard designs can convey one, two, or four pallet loads up to 12,000 lbs. simultaneously, at speeds up to 300 feet per minute.



Pallet Collector/Dispensers

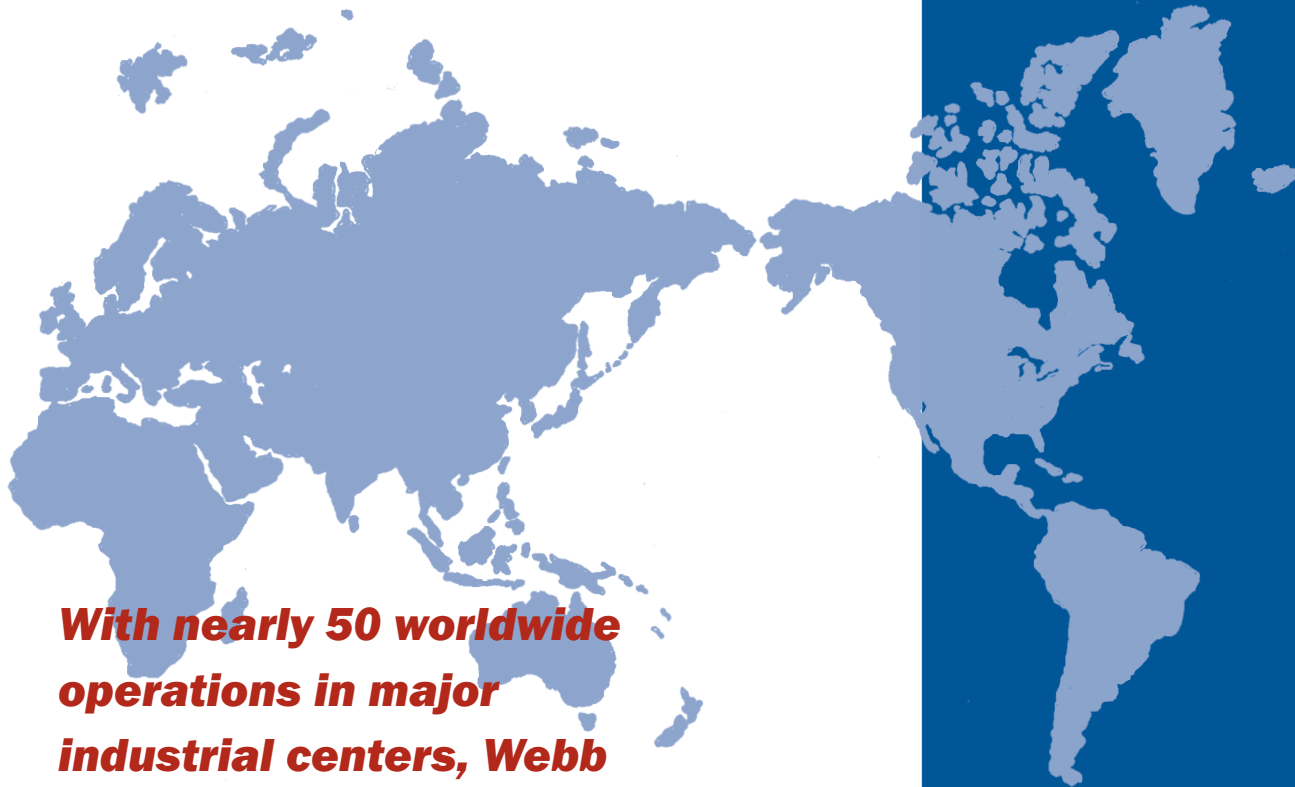
The pallet collector/dispenser is an effective empty pallet storage solution. Our pallet collector/dispenser eliminates unnecessary handling of pallets, skids, and saves valuable floor space for pallet/skid storage. We can build a collector/dispenser for most styles of pallets and skids.



Conveyor Accessories

- | | |
|---|---|
| <input type="checkbox"/> Turntables | <input type="checkbox"/> Deflectors |
| <input type="checkbox"/> Curves | <input type="checkbox"/> Merge Beds |
| <input type="checkbox"/> Supports | <input type="checkbox"/> Shuttles |
| <input type="checkbox"/> Manual & Air Stops | <input type="checkbox"/> Spurs |
| <input type="checkbox"/> Guard Rail | <input type="checkbox"/> Gate Sections |
| <input type="checkbox"/> Indexers | <input type="checkbox"/> Parasitically Driven |
| <input type="checkbox"/> Pushers | <input type="checkbox"/> "Snubber" Stands |
| <input type="checkbox"/> Interface Stations | <input type="checkbox"/> Transfer Carts |

Contact a factory representative for additional available accessories



With nearly 50 worldwide operations in major industrial centers, Webb facilities span the globe.

**Industry applications of
Webb Heavy Duty Conveyor Systems:**

- Aircraft/Aerospace
- Defense/Ordinance
- Electronics
- Appliance/Machinery
- Furniture
- Metals Manufacturing
- Rubber
- Paper Products
- Warehousing
- Chemicals
- Food/Beverage
- Printing/Publishing
- Freight/Transportation
- Garment Distribution
- Automotive
- Foundry
- Freezer/Cold Rooms
- Cross Docking

Jervis B. Webb Company

MATERIAL HANDLING SYSTEM SPECIALISTS



34375 W. Twelve Mile Road
Farmington Hills, MI 48331 USA

1-248-553-1220 FAX: 1-248-553-1228

www.jervisbwebb.com