

TKF CONVEYOR SYSTEMS



TKF—ENGINEERS, MANUFACTURERS OF CUSTOM CONVEYOR SYSTEMS

TKF offers industry a comprehensive range of material handling services — from initial engineering concepts through finalized design, manufacture and installation. Over 40 years of experience enable us to analyze your material handling problems and recommend the most effective solutions. TKF services include the following:

1. Turnkey installations

TKF has wide experience in supplying conveyors, special handling devices and state-of-the-art turnkey systems for:

- Full case handling/transport systems
- Automated testing carrouzels
- Automated accumulating & transport systems
- Automated sorting and merging systems

TKF systems are used throughout a variety of industries such as automotive, paper goods, major appliance manufacturing, bulk tobacco handling, air compressor assembly, food/drug preparation and many more.

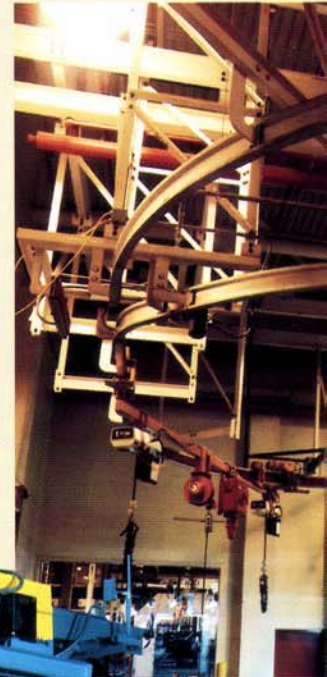
2. Overhead conveyor systems

TKF Overhead Trolley Conveyors are available in a complete line of 3" and 4" I-beam components, including track, trolley assemblies, roller turns, vertical curves, take-ups, drives and attachments. TKF designs and erects these components into complete systems for a broad range of industries. All components and many basic component subassemblies are stocked for prompt availability and delivery. Systems are also available for 6" track. Catalog sent on request.

In addition to overhead chain, TKF offers custom-engineered *electrified* overhead monorail for such applications as elevating, accumulating and switching using individually controlled trolleys. TKF provides turnkey service—everything from concept, design and engineering to fabrication, installation and debugging. Systems use corrosion-resistant aluminum alloy track combined with electrical conductor bar; a geared motor with electromechanical brake drives each trolley at speeds up to 395 ft/min, with unit load capacities up to 2200 lbs. per trolley.



TKF offers complete engineering services for all phases of systems design and project management, utilizing AUTOCAD and VERSACAD to effectively solve any type of material handling problem.



TKF overhead monorail conveyor utilizes electrified power-and-free system for transporting parts to assembly line in an automotive plant.

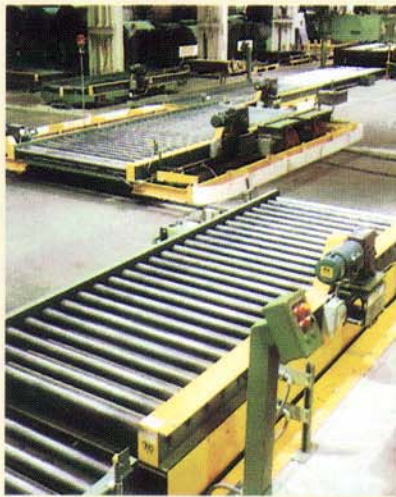


TKF Continuous Vertical Conveyor with powered belt feeder and discharge.

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TKF takes complete responsibility for every aspect of the material system, from electrical controls, sensors and monitoring devices to the conveyors themselves.



TKF transfer car shuttles between three parallel live roller conveyors. Unit is completely self-contained, including powered roller bed, motor/reducer, electric eye controls and safety bumpers, all designed by TKF specifically for the application.



TKF pallet accumulator conveyor utilizes zoned chain driven live roller conveyor, each zone driven by an air-operated clutch or clutch/brake. Zone control is accomplished either pneumatically or electrically. (Guard rail removed for illustration only)

3. Vertical Conveyors

When your material handling system requires up-or-down movement, vertical conveyors make better use of the building cube than any other handling system. TKF specializes in vertical conveyors, offering all of their inherent space-saving advantages, plus a number of cost-saving benefits: high speed, up to 25 loads/minute... lift heights up to 80 ft... simple low maintenance design... selection of standardized units from modular components... fully automatic operation... and a choice of continuous and reciprocating types, enabling TKF to give you unbiased recommendations for each application. *Request Catalog 8701.*

Types of conveyors offered by TKF:

- Accumulating
- Assembly line
- Belt
- Chain
- Drag line
- Flight
- Floor-to-floor
- Gravity
- Live roller
- Oven
- Overhead
- Pallet
- Reciprocating
- Rollovers
- Slat
- Transfer, right angle
- Turntables, tilt tables
- Vertical
- Upenders



TKF QUALITY IS REFLECTED BY THE CUSTOMERS WE KEEP

TKF conveyors and conveyor systems are used by many of the Who's Who of American Industry. Year in, year out, these companies rely on TKF for practical and affordable solutions to all types of material handling problems. Ask any of our customers about TKF service and quality; or call us for examples of installations similar to yours, along with specific recommendations for your applications.

Accuride Corp.
Apple Computer
Borden Foods
Bristol Compressors
Canon
Caterpillar
Chrysler Corp.
Cirrus Logic
Compact Computer
Copeland Corp.
Dell Computer
Delphi
Eastman Kodak
Eveready Battery Co.
Ford Motor Company
Frigidaire
General Electric Co.
General Motors Corp.
Goodyear Tire & Rubber Co.
Hershey Chocolate
Hershey Pasta
Hillshire Farms

Honda of America
Hygrade Food Products
IBM
Kaiser Aluminum
Kraft Foods
Kroger Co.
Levi Strauss & Co.
Lucent Technologies
Mazak Corp.
Motorola
Peregrine
Philips Display Components
Phillip-Morris Co.
Pillsbury
PPG Industries
The Procter & Gamble Co.
Ralston Purina Co.
Sara Lee Corp.
Saturn
Thomson Consumer Electronics
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Whirlpool Corp.



Vertical Conveyors • Overhead Conveyors
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TKF Turnkey System in a steel distribution center combines chain-driven live roller conveyors, powered turntables and powered transfer cars.

