

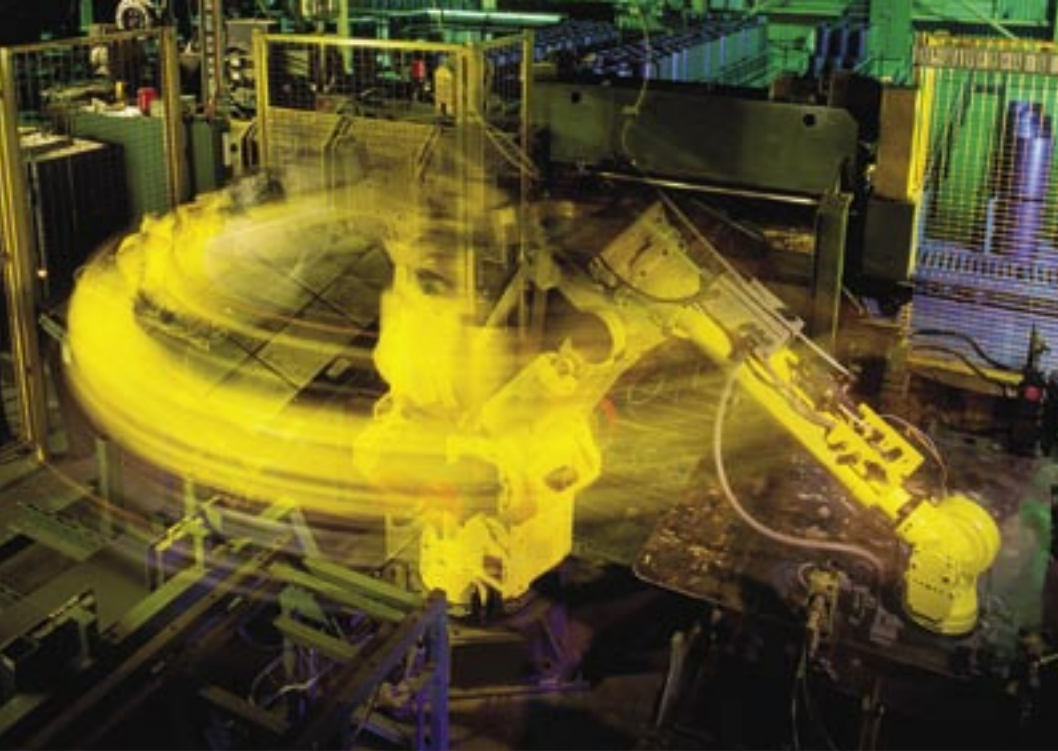
# HAN-TEK



ISO 9001:2000 REGISTERED

## The Finest in Handling Technology





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# Han-Tek Brings Together the Best of the Best in Materials Handling

When it comes to Automation, Robotics, Conveyors and Automatically Guided Vehicles, Cranes, Controls and More...Han-Tek is the material-handling authority that will help you increase plant efficiency while decreasing overall costs.

## **Evaluate. Automate. Integrate. Initiate.**

Han-Tek specializes in production line systems integration and product flow for any industrial, manufacturing or distribution environment. Our material handling specialists have decades of experience to help you to find the right solution – to move products faster and more effectively through production lines or from the line to packaging and shipping. We can act as the turnkey provider for all of the equipment and electrical controls necessary for your unique solution, and provide seamless integration with your manufacturing systems. Operator training and round-the-clock service and support programs are also included to help you move more products in less time with less effort.

## **We Specialize In Problem-Solving**

Whether it's a complete system redesign using factory automation equipment, conveyor systems and electrical controls, or an off the shelf need for cranes, hoists, lift tables, ergonomic equipment and more, Han-Tek can help. With integrated design and equipment solutions, we can resolve the most complex or the simplest of your material handling needs.

# Building 21st Century Materials Handling Systems

With just one call, you can meet higher production targets and increase throughput while eliminating repetitive task jobs and the associated need to find and train qualified personnel.

From radio frequency identification (RFID) tags to bar coding, AC to DC drives, automatically guided vehicles to conveyors, ergonomic lifts to industrial stacker cranes, automation to component and part sales, Han-Tek will make sure that your system and equipment is complete, on time and on budget.

## Let Han-Tek Handle It

We start with a thorough examination of your current operation – to determine overall requirements and highlight complex problems. A full staff of in-house mechanical design engineers evaluate your operational needs and find the right solutions from our wide range of material handling capabilities including Automation, Robotics, Conveyors and Automatically Guided Vehicles, Cranes, Controls and much more.

Once the design is approved, Han-Tek begins to build your new system, utilizing a network of industry-leader channel partners. Our in-house electrical design staff will create custom controls that link all parts of your system using PLC programming for operator interface capabilities, controlling conveyor system flow and logic, as well as bar code scanning and high-speed sorting.

## Designed and Tested In Real Life Environments

All Han-Tek systems are fully assembled and tested thoroughly in our 40,000-square-foot facility prior to final installation ensuring a smooth turnkey start-up. We stand behind our systems and equipment from 'the cradle to the grave' making sure your expectations are met every step of the way. After start-up, our 24-hour Emergency Telephone Line connects you with qualified representatives who are always ready to help.



## Hand it Over to Us

By acting as your one-stop system integrator for entire material handling operations, we go beyond equipment specs and sales to configure totally integrated systems. We will bring your company up to the level of productivity that is needed to thrive in today's globally competitive markets.



# Materials Handling Solutions & Systems

## Robotic Conversions Yield ROI Quickly

Robotic automation delivers uninterrupted production, virtually eliminating downtime, product loss or damage and hazards like repetitive motion injuries. Robotic systems increase throughput by moving products more quickly at set speeds, returning their value almost immediately in cost savings and increased productivity. By converting labor-intensive operations into robotic automation systems, most companies can see a positive return on investment in as little as 12 months.

ROI

## The Finest Technology for a Changing World

Han-Tek provides technically sound, dependable automation that can integrate with equipment already custom fitted to your line. To help move product, regardless of the number of stops, permutations or product variations, we find the right balance of technology. Whether you are handling individual pieces, units, boxes, pallets or even palletizing, Han-Tek can design your automated system to accommodate any factory application.

## Simulations In Automation

Han-Tek can help put valuable information at your fingertips by developing computer generated simulations of your factory automation system prior to installation. You can test various equipment speed and throughput configurations to find the potential advantages, as well as any pitfalls before actually implementing a new solution.

## Easy to Interface

All Han-Tek automation solutions are driven by ergonomics and designed so that any equipment that interfaces with a human provides a safe, comfortable, injury-free interaction. Activities requiring repetitive motion or other potentially harmful conditions can be replaced by automation, making your entire operation safer and reducing work-related injuries.

Han-Tek's partnerships with Fanuc Robotics and Rockwell Automation assure you quality robotic equipment and components as part of our total solution. By creating the software and programming to unite different robotics solutions with your product line, Han-Tek adds value and creates an automated line that will save money and improve efficiency.





# Finding the Way with the Right Delivery System

**Smooth, Fast and Cost-Effective Transport/Load/UnLoad/Delivery**

# Seamless Resources For Product Movement

## Conveyor Systems

Moving single units, multiple parts, boxes, pallets or bulk items all require the most reliable industrial conveyors. Han-Tek will integrate our own conveyors or the most effective equipment on the market today from our strategic partners.

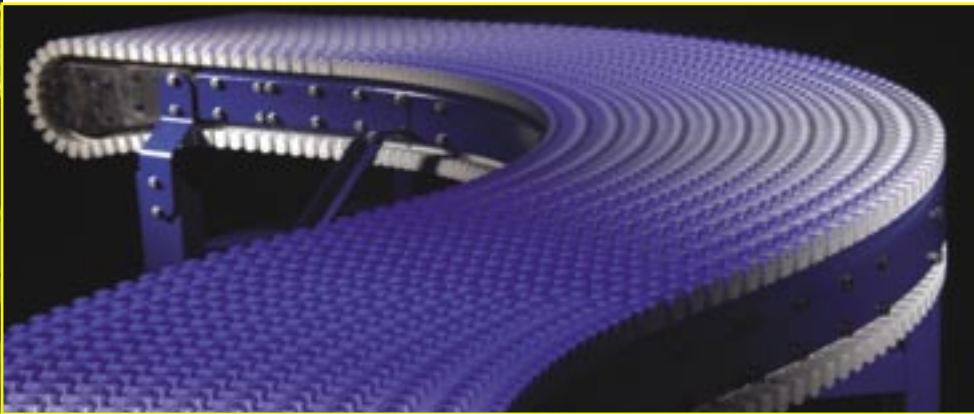
Whether your line needs a simple mechanical solution or a custom-designed conveyor for an automation system, Han-Tek will install the right conveyors into your operation to move your products safely, rapidly and with virtually no scuffing or damage.

## Auto-Guided Vehicles (AGV)

Turn your manufacturing operation into a model of efficiency and speed. AGVs can complete production cycles rapidly and dramatically increase per-hour productivity. With AGV transports you can move product in-line with virtually no human intervention, as well as increase your facility's floor space.

Add automatic AGVs to load or unload goods from your production line and deliver them to your warehouse or shipping area, and take more cost-effective control over your floor or yard.

Replace noisy, cumbersome fork trucks with quiet, predictable guidance systems that pick up material or pallets, stack or un-stack pallets or containers as needed, and carry them to the next step – whether it's in the next room, another part of the building, or even to a different building altogether.





# Making the Right Moves To Lift Efficiently

## **Han-Tek Cranes and Hoists Can Handle Loads of Any Size or Shape**

Whether modernizing an existing crane or building a brand-new crane system, Han-Tek engineers will develop, design, build, install and maintain the equipment to your exact specifications and requirements.

### **Han-Tek can handle the design and build of every kind of crane and hoist:**

- **Work cell cranes**
- **Under-hung cranes**
- **Stackers and automated cranes**
- **Top-running cranes**
- **Single or double girder systems**
- **Runway and monorail systems**

# IRR

## Totally Integrated Equipment and Service

Based on your lifting needs and your facility, Han-Tek's mechanical and electrical engineers create crane solutions that address all environmental factors. Upon installation of your crane system, we supply a full staff of mechanical and electrical technicians and riggers.

Our service only begins with design and installation. Han-Tek technicians and support staff are always available throughout the life of your equipment. We provide operator training, regular maintenance, customized inspection and preventative maintenance programs, so your crane or hoist meets all OSHA industrial standards for safety, and your standards for effectiveness.



# Sparking Inspiration in Command and Control

## Customized Electrical Controls Connect It All

Operators should never have to think about the electrical controls that run each particular material handling system. Push-button controls should be easy to understand and use. They should do exactly what the operator expects them to do, even after thousands of uses.

Han-Tek stresses system compatibility in the design and assembly of all PLC electrical controls in your material handling system. Every element in the controls is compatible with one another to keep your system running reliably. Simple, intuitive control panels provide a comfortable interface between operators and the machine, making Han-Tek controllers easy to use for people of every skill level. Built-in diagnostics will immediately alert an operator if there is a system problem by pinpointing the location.

As your company grows, Han-Tek controls can grow with you. We build our electrical controls with the flexibility to modify, enhance or expand your system should the need arise.





Han-Tek can analyze your workflow and design a system that will satisfy four important criteria: reliability, safety, efficiency and practicality. Your ergonomic lifting solution will be a perfect fit for the functionality needed to improve your company's work processes.

# Giving All Systems A Human Touch

## **Ergonomic Handling and Lifting Systems Help Reduce Injury and Maximize Safety**

Ergonomic systems that provide electronic or pneumatic balancing, or vacuum lifting and manipulation, can make a big difference in an operator's ability to perform on the job. Enclosed track crane systems can carry the load while technicians guide its progress, eliminating the stress of lifting, reducing potential injury and increasing productivity. Lift and tilt tables that bring the load to the operator, and custom designed product grippers that aid in material transfer and storage, are all modern answers to minimize repetitive motion injuries.

Repetitive motion and lifting tasks can take their toll on human resources. These potentially hazardous operations can now become comfortable, efficient and injury-free by incorporating Han-Tek ergonomic material handling devices into your critical production path.

# HAN-TEK



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**Automation • Robotics • Conveyors • Cranes • Controls**

## **The Finest Customized Handling Solutions for Over 40 Years.**

Han-Tek delivers in every aspect for excellence in material handling and systems integration solutions – a complete, full-service package to help you reduce costs and increase production efficiency.



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