

THE ULTIMATE SOLUTION



Hy-Tek
INTRALOGISTICS

**WE'LL
OPTIMIZE
YOUR
SUPPLY
CHAIN.**




ABOUT US

WE UNDERSTAND THE NEEDS OF OUR CLIENTS-- FULFILLING ORDERS ACCURATELY, QUICKLY, AND COST EFFECTIVELY.

Since 1963, Hy-Tek and its best-in-class industry partners – including manufacturers of industrial equipment, conveyor systems, automated storage and retrieval systems, and rack and shelving – have provided customers with turn-key solutions. From customized storage systems to pre-assembled buildings and off-the-shelf products – Hy-Tek’s experienced team of consulting, engineering, sales, operations, installation, and project management professionals partner with you to enhance productivity, streamline processes and boost profitability.

With more than 55 years of business success, Hy-Tek designs to your objectives and goals for material handling equipment, inventory storage, building throughput capacity/accuracy, labor/handling and material/process flow. Whether we create a concept from scratch or enhance your current facility, Hy-Tek establishes a thorough understanding of your operation to determine your unique application and needs. Motivated by high expectations, it is Hy-Tek’s goal to provide cost-effective, efficient solutions that exceed your expectations.

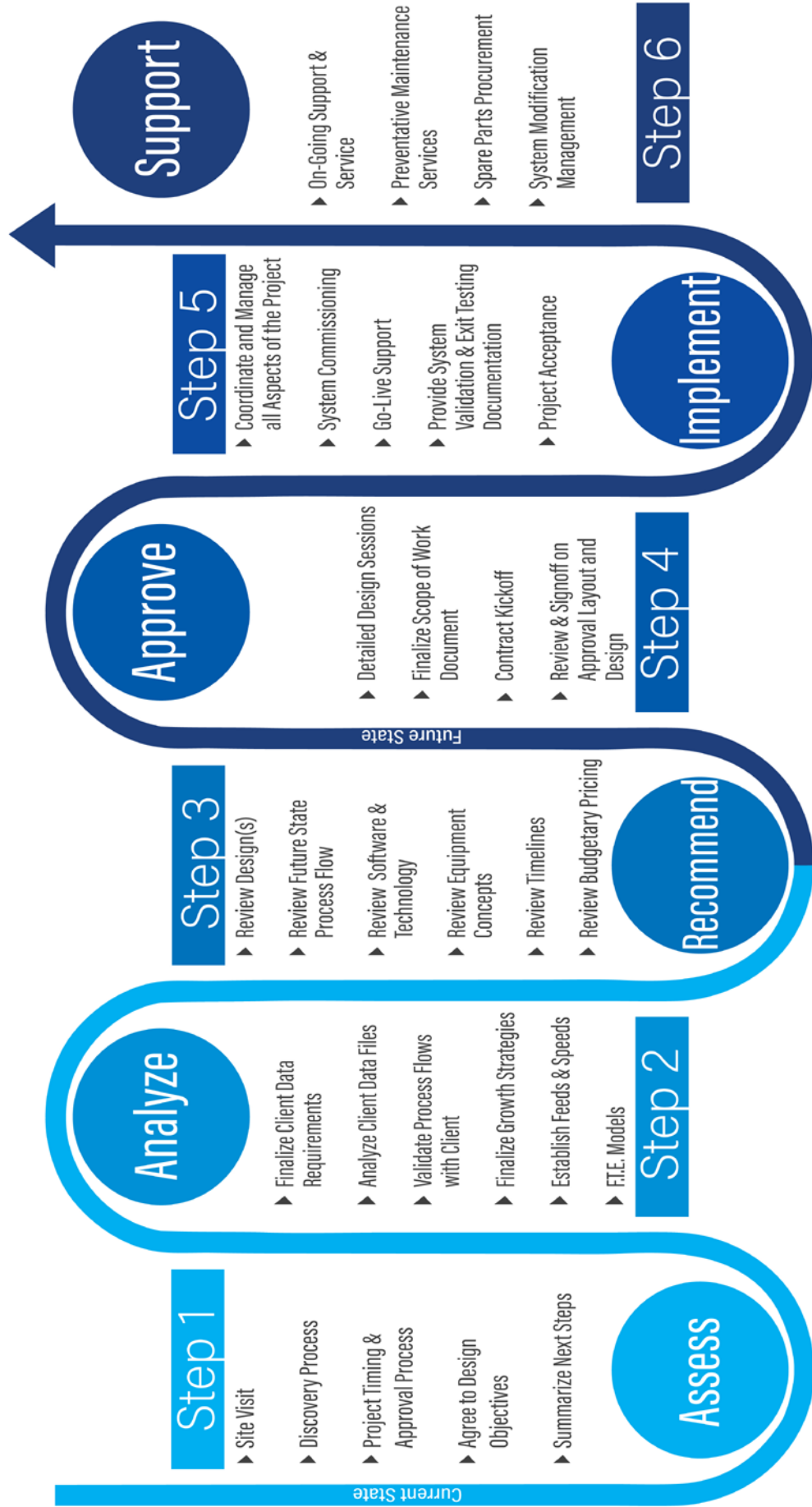


Maximizing ROI

Whether your growth initiatives include building a new distribution facility, re-designing an existing facility or simply updating equipment, Hy-Tek can assist you in maximizing the return on investment.



DESIGN BUILD



OUR PROCESS

Understanding your business' unique needs is crucial to ensuring the correct technologies are chosen for your fulfillment system. Through our 6-step DesignBuild process, we ensure your entire project life-cycle will stay on track to meet your company's goals of strategy, time, budget, and return on investment.

OUR SERVICES

The Hy-Tek business model is based on strategic partnerships and the subsequent value they bring to each project. The synergy of these relationships provides a truly integrated approach to ensuring that our client's distribution and fulfillment operations perform at optimal capacity. Depending on the nature of the project, services are rendered by team members from one or more of our five service groups.



STRATEGIC DESIGN SERVICES

- Industrial engineering
- Data-driven facility design
- Facility optimization
- Return on investment



ROBOTIC SOLUTIONS

- Autonomous transportation
- Palletizing and depalletizing
- Pick assistance
- Cart movement and hauling



TOTAL INTEGRATION SERVICES

- Inspections and permitting
- WES, WMS, WCS, and controls
- Onsite project management
- Post-project support



MATERIAL HANDLING

- Conveyor and high-speed sortation
- Rack systems / pick modules
- Order consultation
- Goods-to-Person



FIELD SERVICES

- Planned maintenance
- 24-hour service
- Rack repair
- Field Wiring - electrical design



OUR SOLUTIONS

Hy-Tek combines the power of creative design with a strategic selection of equipment manufacturers to create best-in-class fulfillment and distribution solutions.

Sortation



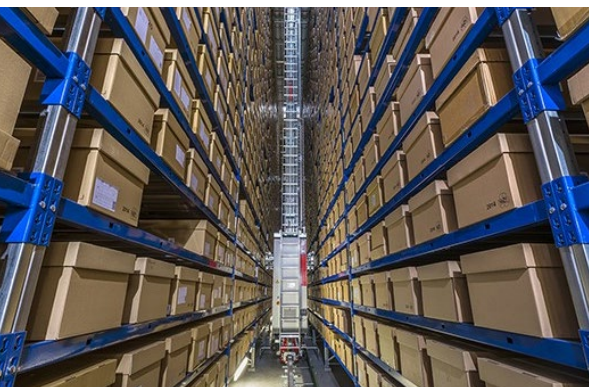
Unit, bag, & carton sorters have long been used in distribution and fulfillment centers to automate product sortation and improve order accuracy through the use of in-motion scales, camera scanners, and vision systems for product induction.

Conveyor



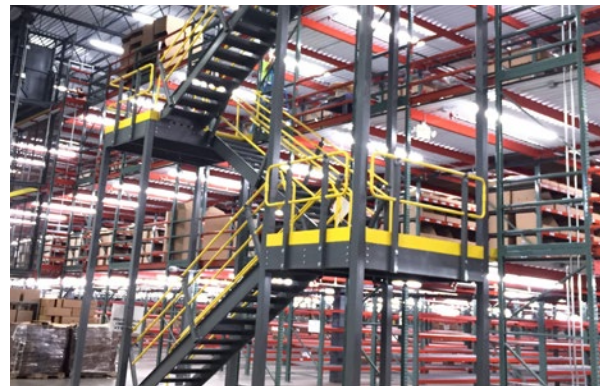
With the ability to rapidly transport product and both sort and track progress throughout a facility, conveyor systems remain one of the most preferred solutions for material handling and sortation.

AS/RS



An Automated Storage and Retrieval System (AS/RS) is a combination of equipment and controls that handle, store and retrieve materials as needed with precision, accuracy, and speed.

Pick Modules & Racking



Racking is generally regarded as wider, deeper and higher than Shelving and is the preferred method for storing large quantities of stock. This method is used so that things can be accessed like boxes or large containers.

Ergonomic Workstations



Ergonomics refers to the science of optimizing physical movement to improve efficiency while limiting stress, and poor ergonomic practices can create serious safety hazards.

Modular Offices



Modular Offices or In-Plant Offices are perfect for maximizing space utilization.

Guarding/Fencing



Guarding and Fencing is important in every warehouse and distribution center. It protects people, machinery, and property from accidents involving forklifts, sweepers, or other moving equipment.

Mezzanine



Industrial steel work platforms (mezzanines) are your best solution to fully utilize existing overhead space so you can operate more efficiently and profitably. You can gain valuable working, office, storage, or manufacturing areas at a fraction of the cost of new construction.

OUR ROBOTIC SOLUTIONS

PICKING TECHNOLOGY.

Skypicker



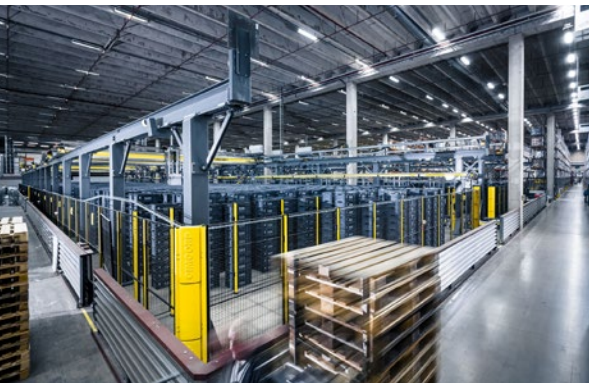
The Skypicker is a fully automated warehouse picking module that completes the Skypod order preparation solution. It is equipped with an articulated arm and order mover that allows simultaneous preparation of four orders.

Berkshire Grey



Berkshire Grey's piece picking robots feature industrial robotic arms with smooth and natural 6-DOF optimized motions for maximum efficiency.

Cimcorp



Cimcorp's Layer Pick solution combines large, fast gantry robots with a clamp gripper and vacuum picking head for order picking. Using varying force and vacuum strength based on the SKU to be handled, the system can pick virtually any consumer product on the market.

Pick to light



Pick-to-light systems are simple, but robust systems designed to streamline picking operations, therefore increasing efficiency, productivity and accuracy while reducing costs.

Universal Robot



Universal Robot's family of collaborative robots offers four different payload options - 3, 5, 12.5 and 16 kg. – enabling a wide variety of applications. And with six degrees of freedom, incredible flexibility, and easy integration into existing production environments, their collaborative robots are built to do more.

GOODS TO PERSON.

Exotec Skypod



The Exotec Skypod System individually stores cases or totes on shelving units or a full height rack solution. AMR solutions in this group climb the rack and bring the case/tote to a picker.

Shelves with product in cases, totes, trays, etc. are moved into position for picking from with an operator. High bay solutions allow for best cube utilization out of any supply chain automation.

Caja Robotics



Caja offers a robotic mini-load ASRS for Goods-to-Person order fulfillment. Caja's solution is comprised of two types of robots: a lift robot for storage optimization and replenishment and a cart robot for picking and fast transportation of boxes. Cases or Totes are individually stored on shelving or racking less than 15' tall.

TRANSPORTATION.

TransportBoT1000



This is MiR's most powerful robot, designed to automate and optimize the internal transportation of heavy payloads and pallets, with a payload capacity of 1000 kg or 2200 pounds.

TransportBoT



Utilized to move carts of all sizes or up to 900lbs. Allows operators to focus on value added operations instead of moving carts/pallets from position to position.

F3 Nipper



The Nipper is a compact automated vehicle for unmanned, internal pallet transport. It can easily lift pallets up to 1000kg and safely navigate through narrow spaces.

ConveyBoT



Allows for cases, totes or other materials to be conveyed onto or off of a MiR robot. Will dynamically replace fixed conveyor solutions or utilized for sortation.

HaulBoT




Utilized to tow carts within a facility. Servo operated hook allows for docking and un-docking of carts for transport. Tow up to 1,100 lbs.

Autoguide



The Max N10 Pallet Stacker is an automated counterbalanced lift truck with a payload capacity of 1,770 lbs, and a high capacity version for up to 2,650 lbs.



**“WE CONSIDER
HY-TEK TO BE ONE OF
OUR MOST VALUED
BUSINESS PARTNERS.”**

-NATIONAL RETAILER

CONTACT US

Would you like to learn more about how our team of experts can optimize your facility? Give us a call at **800-891-5504**, send us an email at **info@hy-tek.com**, or stay up-to-date at **www.hy-tek.com**.

