End-to-End Material Handling, Storage, and Warehouse Automation Solutions

Capabilities Catalog

APEX COMPANIES



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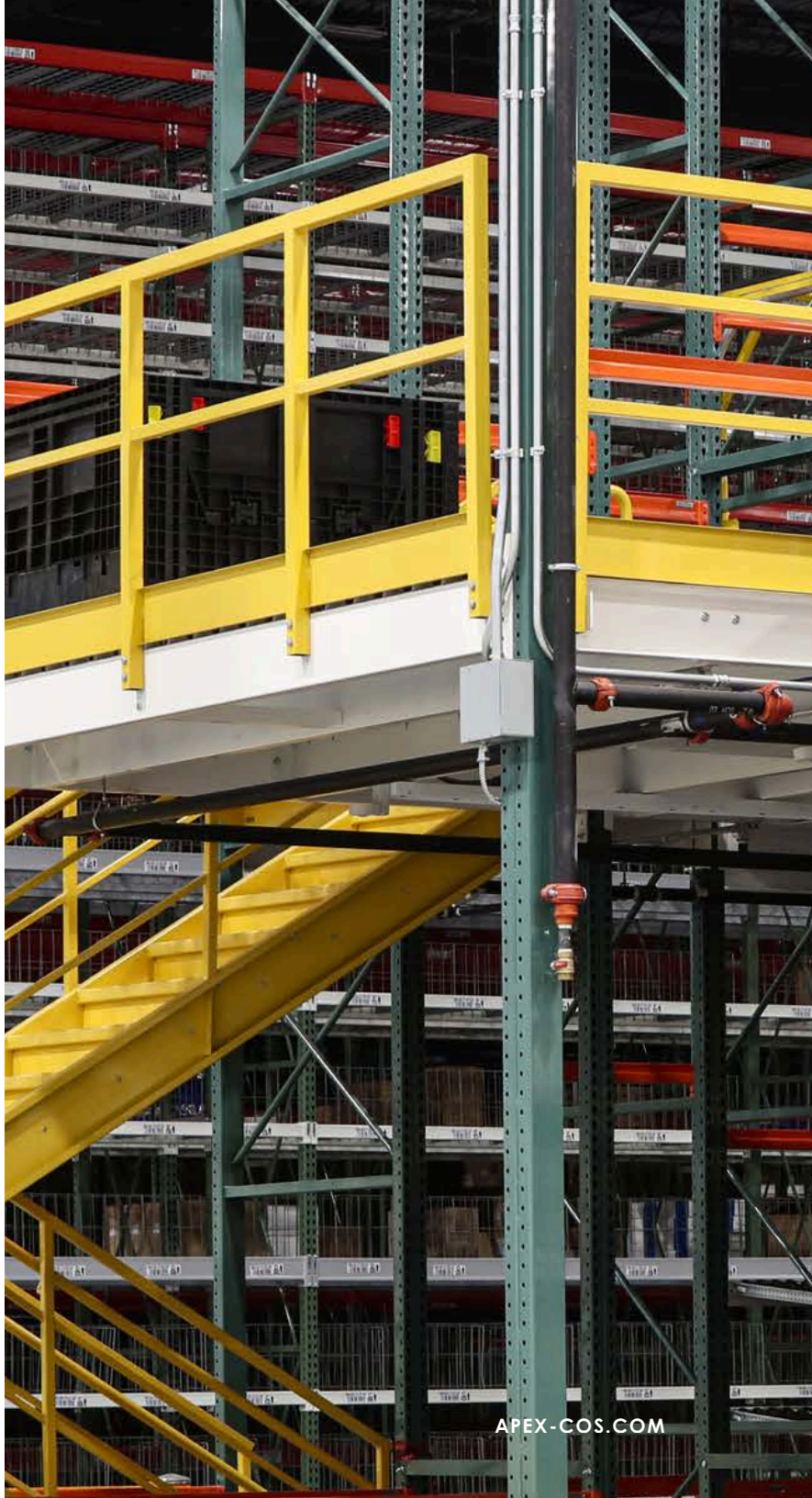
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Stay Ahead of the Curve!

Meet the team relentless in delivering excellence. From strategic planning and innovative design to flawless execution—we do whatever it takes to ensure your success! With expertise in warehouse systems, equipment, and cutting-edge automation, we stay ahead of the curve. Backed by trusted vendor partnerships and an unwavering commitment to our customers, Apex transforms your challenges into results.

Design & Engineering

Your roadmap to optimal warehouse performance is powered by proprietary design and analysis tools that deliver customized solutions.

Warehouse Automation

The right mix of storage solutions and technologies blended seamlessly into a cohesive, productive operation.

Space Optimization

The one-stop shop for pallet racking, industrial shelving, mezzanines, and more, integrated to maximize space and accelerate productivity.

Installation, Inspection & Repair Service

Ensuring peak performance with expert installation, thorough inspections, and reliable repairs for your warehouse systems.

Material Handling Equipment

Your source for premium lift equipment, aerial equipment, automated vehicles, personnel carriers, and cleaning equipment for all your warehousing needs.

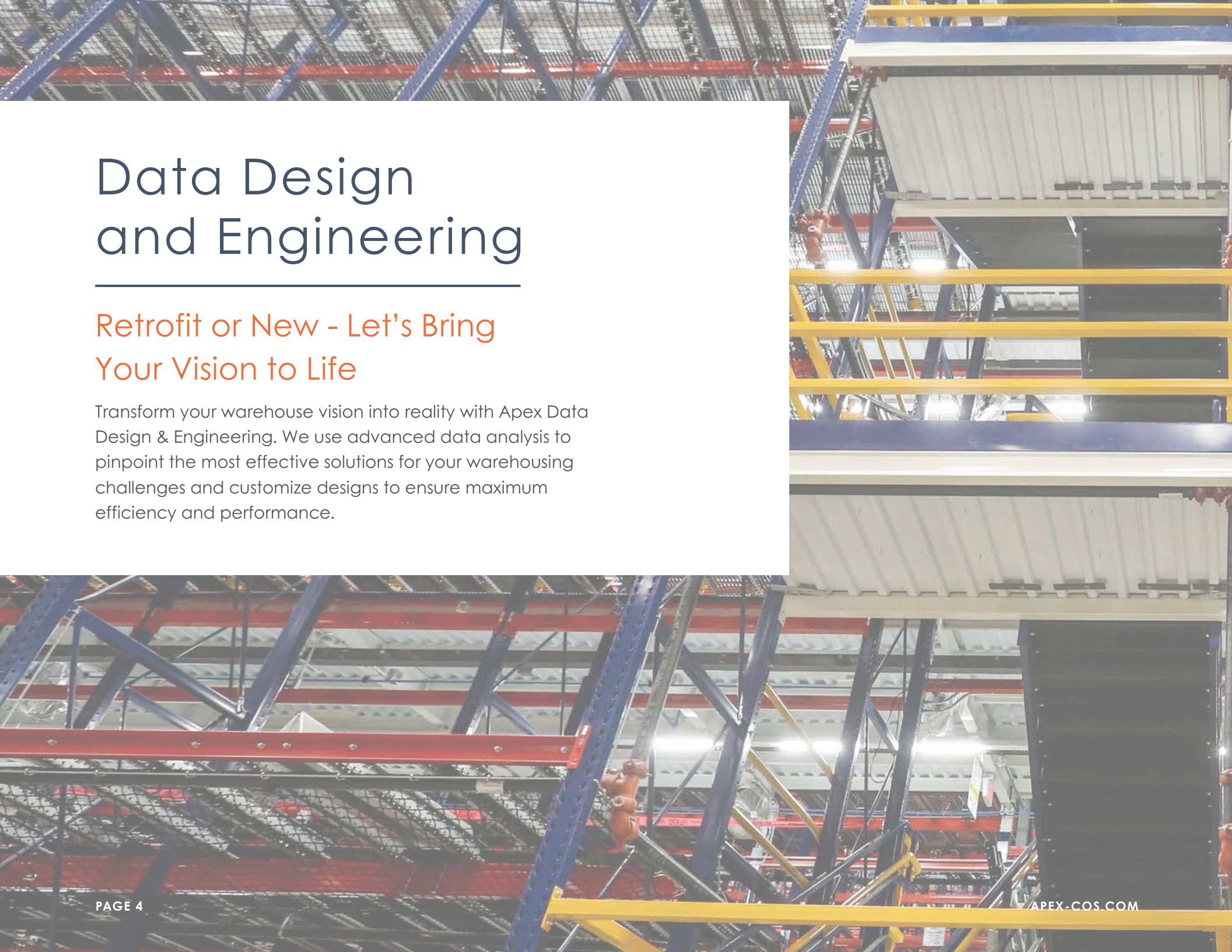
We're APEX, and We Got This!



Data Design and Engineering

Retrofit or New - Let's Bring Your Vision to Life

Transform your warehouse vision into reality with Apex Data Design & Engineering. We use advanced data analysis to pinpoint the most effective solutions for your warehousing challenges and customize designs to ensure maximum efficiency and performance.



Data Analysis & Warehouse Design



Design your warehouse with data-driven decisions to boost efficiency, cut costs, and improve supply chain adaptability.

Process & Material Flow Analysis



You don't know what you don't know. Identify bottlenecks, inefficiencies, and areas for improvement in your warehouse. Streamline for optimal throughput.

Facility Layout & Space Optimization



Customize your space with traditional pallet racking or automated systems tailored to your inventory and processing needs.

Warehouse & Labor Modeling



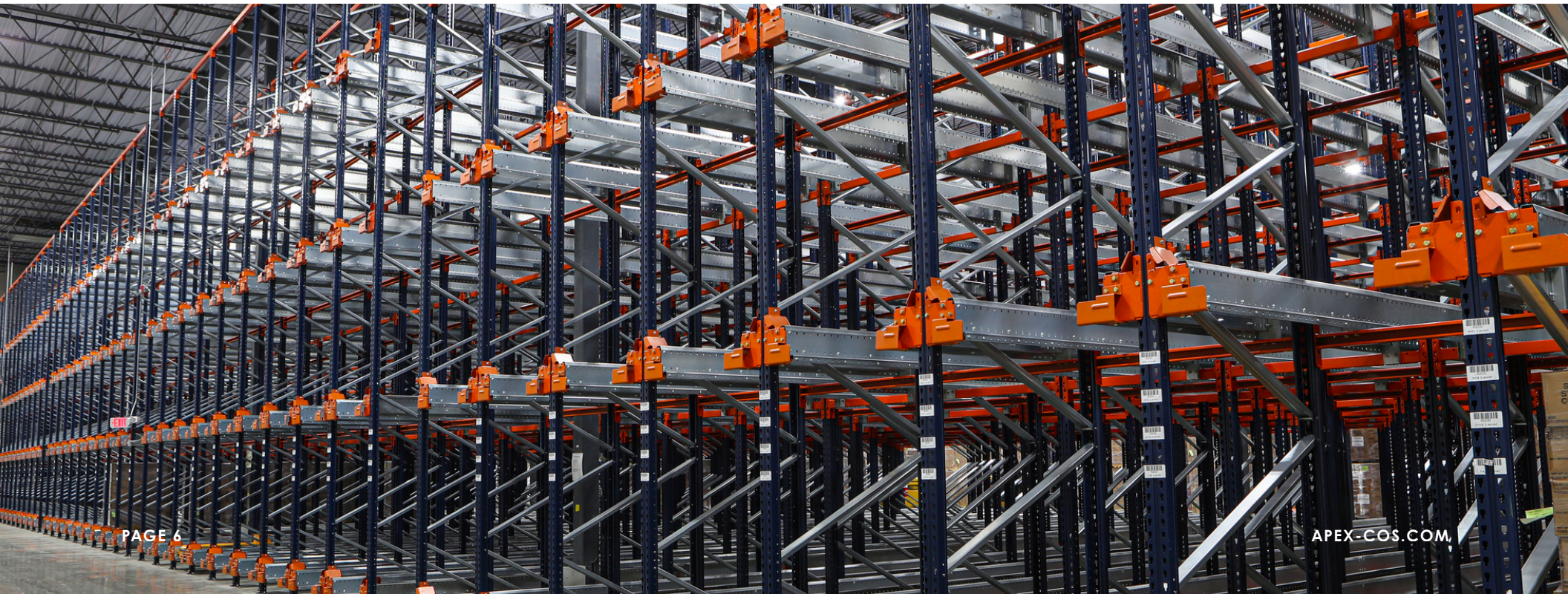
Evaluate warehouse models to assess alternative solutions and opportunities, maximizing efficiency and resource allocation.

Automated Solutions

The Right Mix of Technologies—Optimized for Today, Scalable for Tomorrow

Apex delivers tailored warehouse automation solutions using advanced data analysis and engineering. Our vendor-agnostic approach ensures a seamless strategy, design, and implementation process. With 'Right Justified Designs'—developed using data-driven modeling tools—we help drive your operational performance today while preparing for future growth.

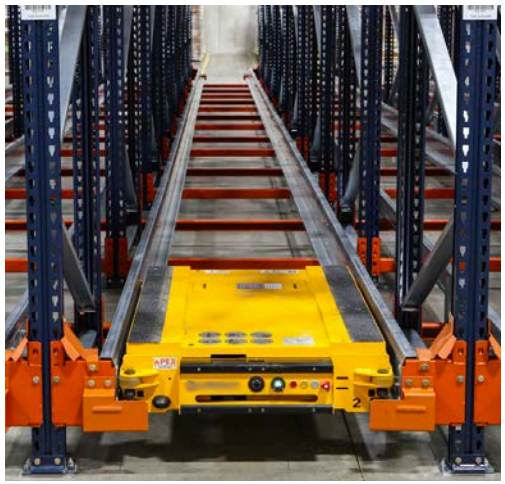
Our automation systems deliver measurable results that optimize throughput, enhance flexibility, and scale as your needs evolve.



Efficient, Scalable, and Built to Last

Handle pallets, cases, or totes with semi- or fully-automated systems tailored to your facility's volume and needs. Automated systems can deliver 24/7 reliability, scalability, and fast ROI—typically within 18 months to 5 years—with a lifespan of 20-25 years.

Pallet Shuttle



Semi-automated 2-way and fully automated 4-way shuttles maximize pallet storage efficiency for high-volume SKUs. Shuttles improve productivity, reduce labor costs, and deliver long-term operational value.

Unit-Load ASRS Systems



Software-guided cranes store and retrieve pallets in high-density systems, optimizing space, reducing labor costs by up to 60%, and delivering 99.9% inventory accuracy—ideal for cooler and freezer facilities.

Mini-Load ASRS Systems



High-density, automated systems for small parts and item storage. Enhance accuracy, reduce labor costs, and maximize space for warehouses, manufacturing, retail, and specialized applications.



Vertical Lift Modules

VLMs are fully automated goods-to-person storage systems that maximize space, boost pick speed to 300+ lines/hour, and provide high-capacity storage for high-volume SKUs within a minimal footprint.

ASRS Carousel Systems



Horizontal and vertical ASRS carousels store and deliver items using a series of inventory carriers (trays or shelves) within an enclosed unit. These closed-loop systems enable quick goods-to-person access to items driven by the WMS or manual entry.

Automated Conveyors

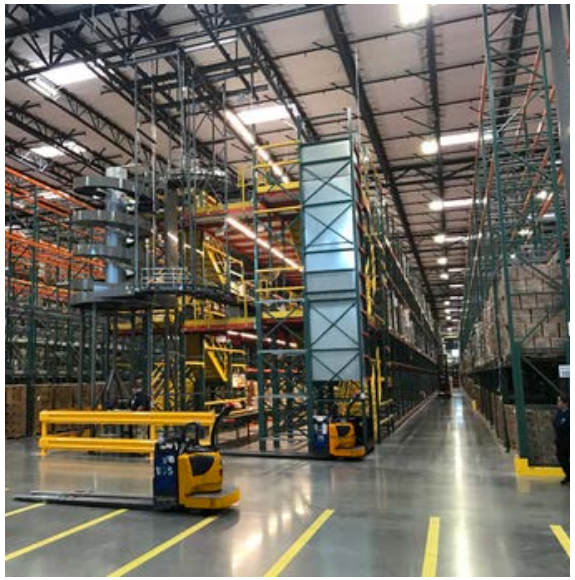
Automated conveyors streamline manual transport processes, boosting warehouse productivity and safety. Whether used independently or integrated into larger automated systems, conveyors enhance throughput, eliminate bottlenecks, and optimize labor productivity. They support a variety of tasks, such as transporting, sorting, loading, unloading, palletizing, and order fulfillment.

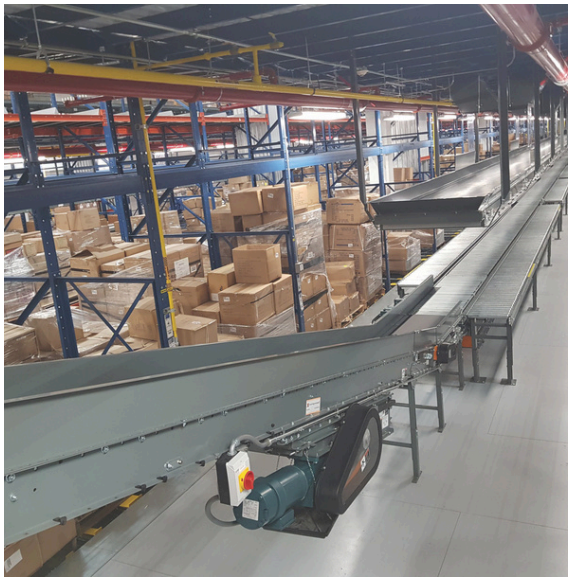
Designed to fit your specific needs, Apex's modular conveyor systems are perfect for maximizing efficiencies across your warehouse, manufacturing facility, or distribution center. Let our solutions help you achieve smoother workflows and higher performance.



Powered Conveyor Applications

- Receiving operations - dock or production
- Case, tote, and pallet transport and buffer accumulation
- Pick modules and tunnels for case and tote-picking solutions
- Manufacturing production support
- ASRS pallet and tote handling





Rack Supported Buildings

Rack supported buildings (RSBs) are storage facilities built entirely from storage racking, forming both the structure and storage system in one.

Rack supported buildings leverage automation for seamless operation in temperature-sensitive conditions. Compared to traditional warehouses, they are faster and more cost-effective to build, reducing the footprint by up to 15% while avoiding expensive architectural and construction costs. They are classified as equipment, potentially qualifying for accelerated depreciation.





Automated Vehicles - AGVs, AGFs & AMRs

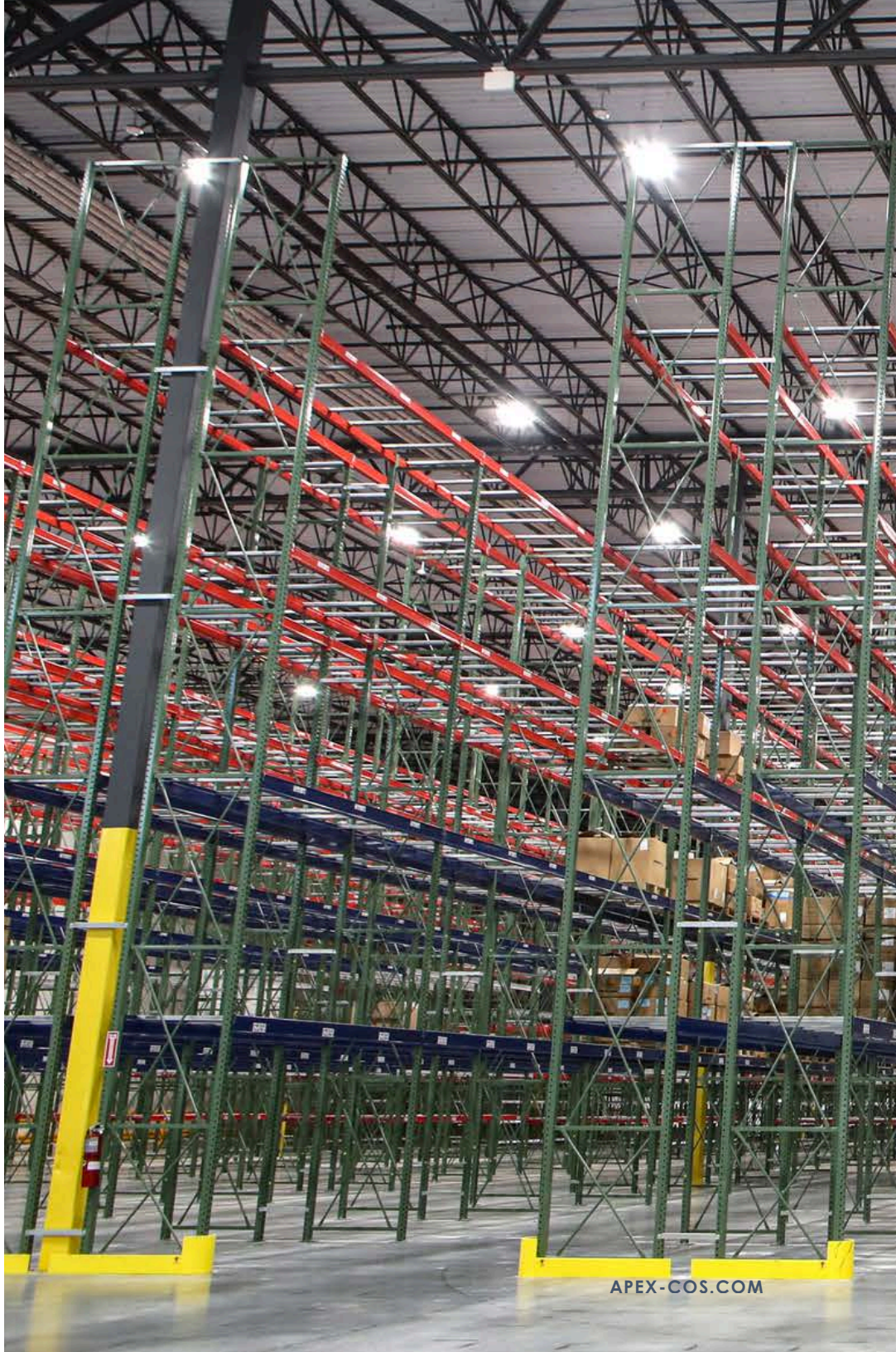
Automated Guided Vehicles (AGVs), Forklifts, and Mobile Robots bring unmatched efficiency, precision, and safety to warehouse and logistics operations. These self-navigating vehicles enhance productivity by delivering high-output, multi-shift work requiring only minimal labor resources. Automated vehicles are a practical solution for businesses looking to streamline operations while reducing costs.

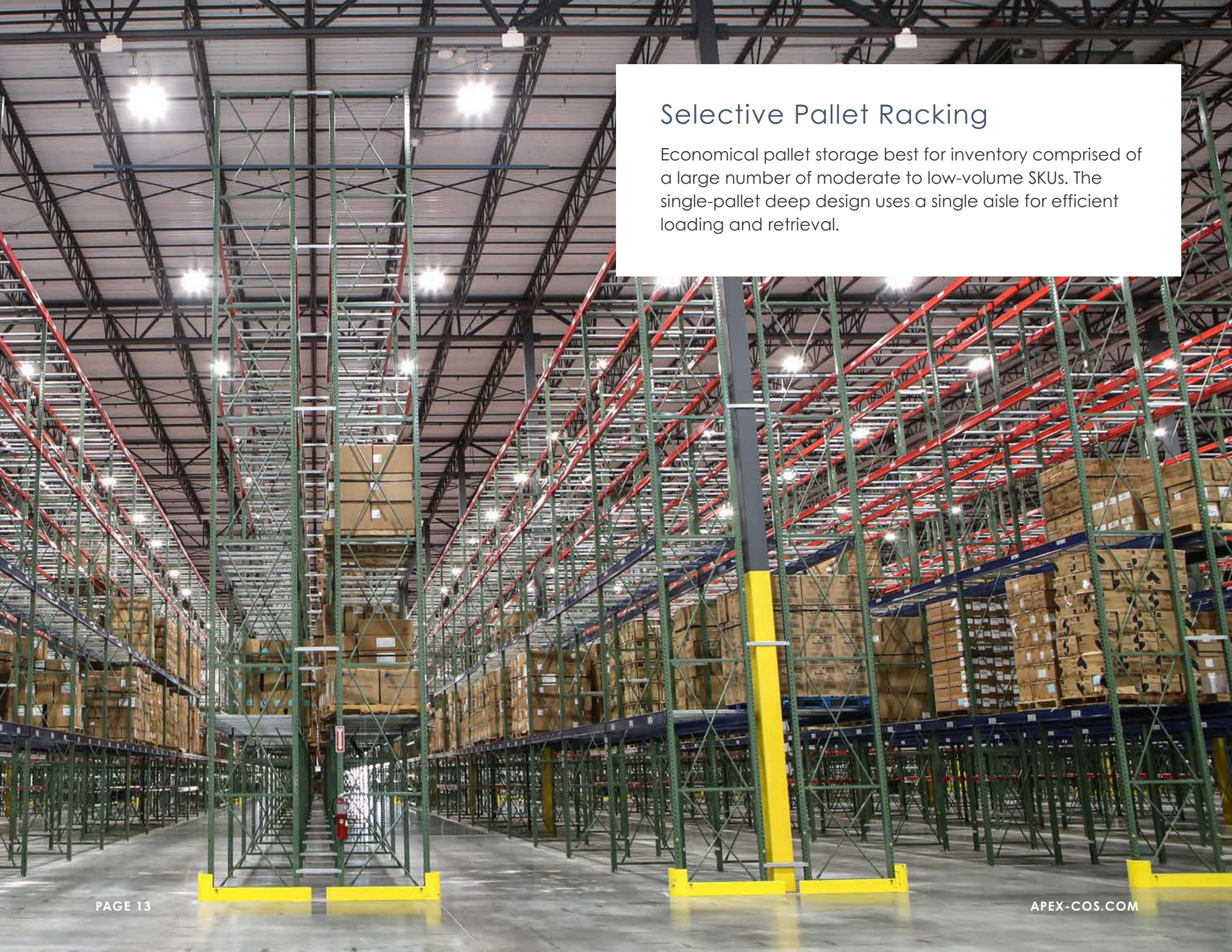
Industrial Storage Systems

Your One-Stop Shop for Custom Storage Solutions!

Apex custom storage solutions are tailored to optimize your space and operations. From planning to execution, our experts identify the ideal storage mix and ensure seamless implementation, delivering efficient, durable systems that meet your unique needs while enhancing productivity and organization.

Partner with Apex for solutions that work.





Selective Pallet Racking

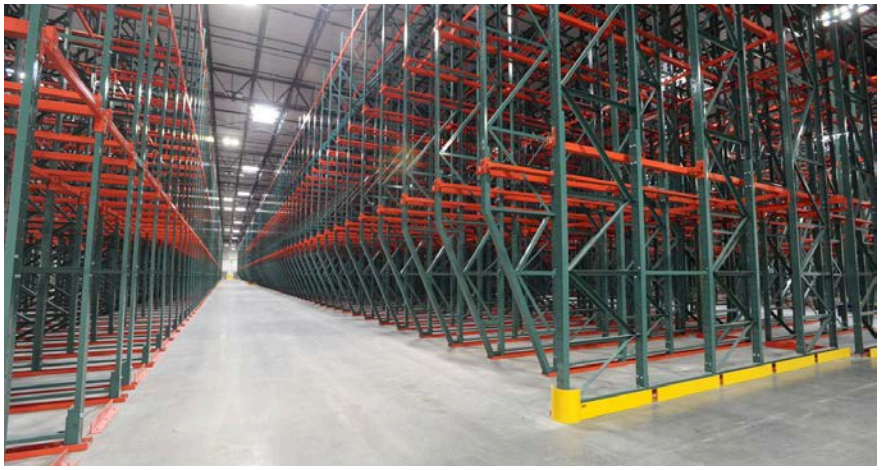
Economical pallet storage best for inventory comprised of a large number of moderate to low-volume SKUs. The single-pallet deep design uses a single aisle for efficient loading and retrieval.

Double-Deep Pallet Racking



Double your capacity with a 2-deep rack system. Place rows back to back for maximum space efficiency. Deep-reach forklift required.

Drive-In Pallet Racking



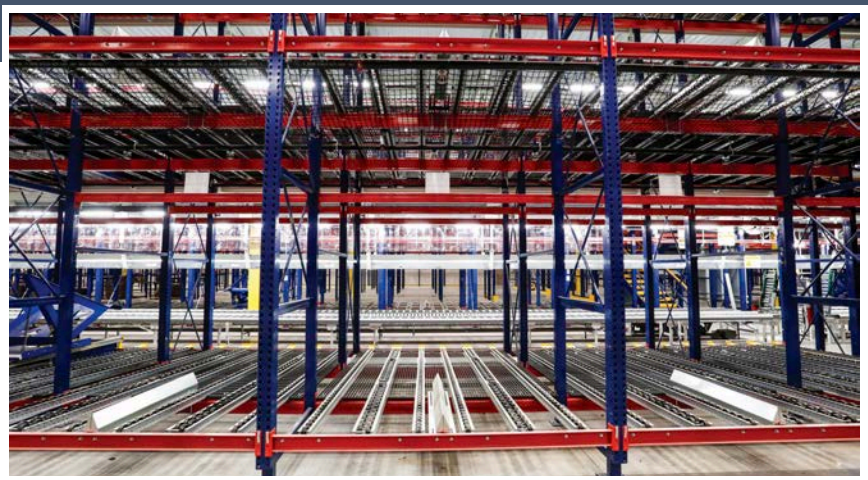
A high-density LIFO storage system for high volumes of identical or limited SKUs, featuring deep storage lanes with horizontal rails, storing up to 10+ pallets per lane. Pallets are loaded and extracted from a single aisle.



Push-Back Pallet Racking

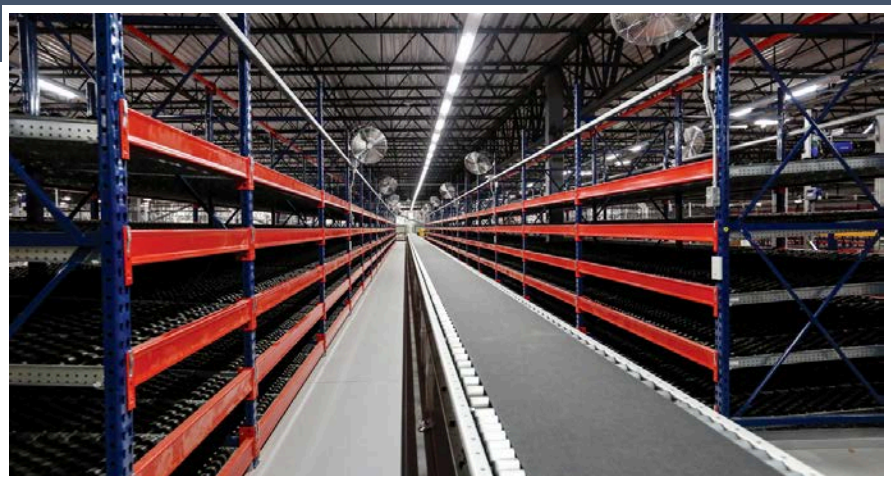
High-density storage ideal for moderate-volume SKUs, push-back racking uses wheeled carts in deep-lane (3-4 deep), multi-level systems to maximize space and enable efficient LIFO inventory management.

Pallet Flow Rack



High-capacity pallet storage in a consolidated footprint. Pitched lanes use wheels or rollers to flow pallets automatically from the rear load aisle to the opposite pick aisle, reducing labor and equipment costs.

Carton Flow Rack



A gravity-fed system for cartons and totes, integrating into standard racking with separate load and pick aisles. Slightly pitched rails automatically facilitate inventory flow to the pick aisle.



Cantilever Rack

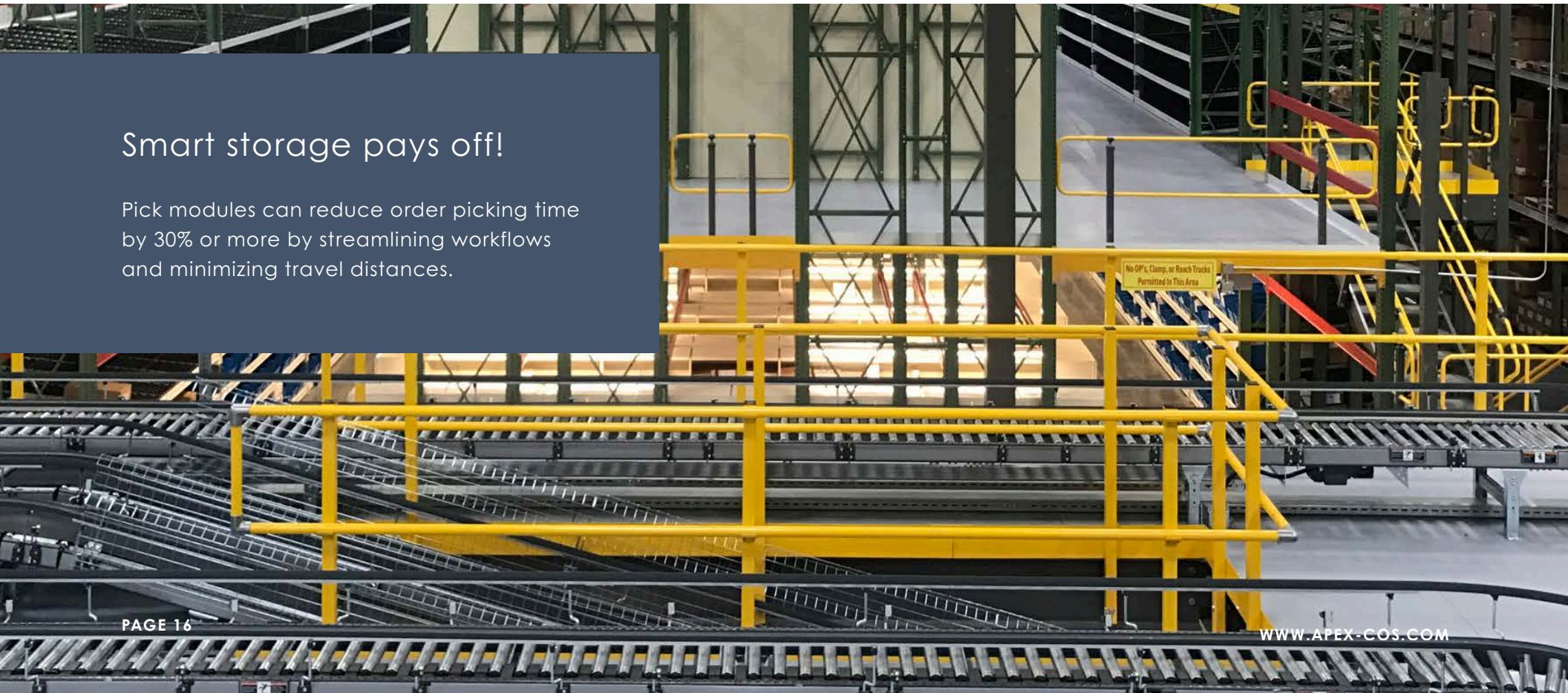
Cantilever racking is ideal for bulky, long items. It lifts inventory off the ground for better space utilization and protection. Adjustable and customizable, it easily adapts to changing inventory needs.

Specialized Warehouse Solutions

No Two Warehouses Are Alike…Why Should Your Solutions Be?

At Apex, we deliver tailored solutions to maximize your space and efficiency. Whether it's building a mezzanine, customizing a pick module, or retrofitting a modular office, we help you transform underutilized areas into productive, optimized spaces.

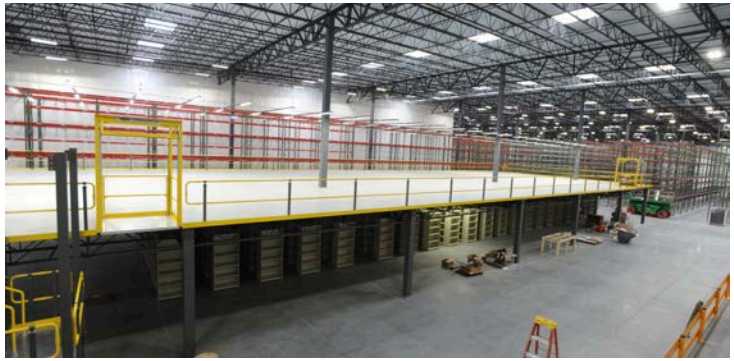
From expert design to professional installation, Apex offers seamless, start-to-finish service to outfit your operation with systems that truly work for you. If you can dream it, we can build it!



Smart storage pays off!

Pick modules can reduce order picking time by 30% or more by streamlining workflows and minimizing travel distances.

Mezzanines



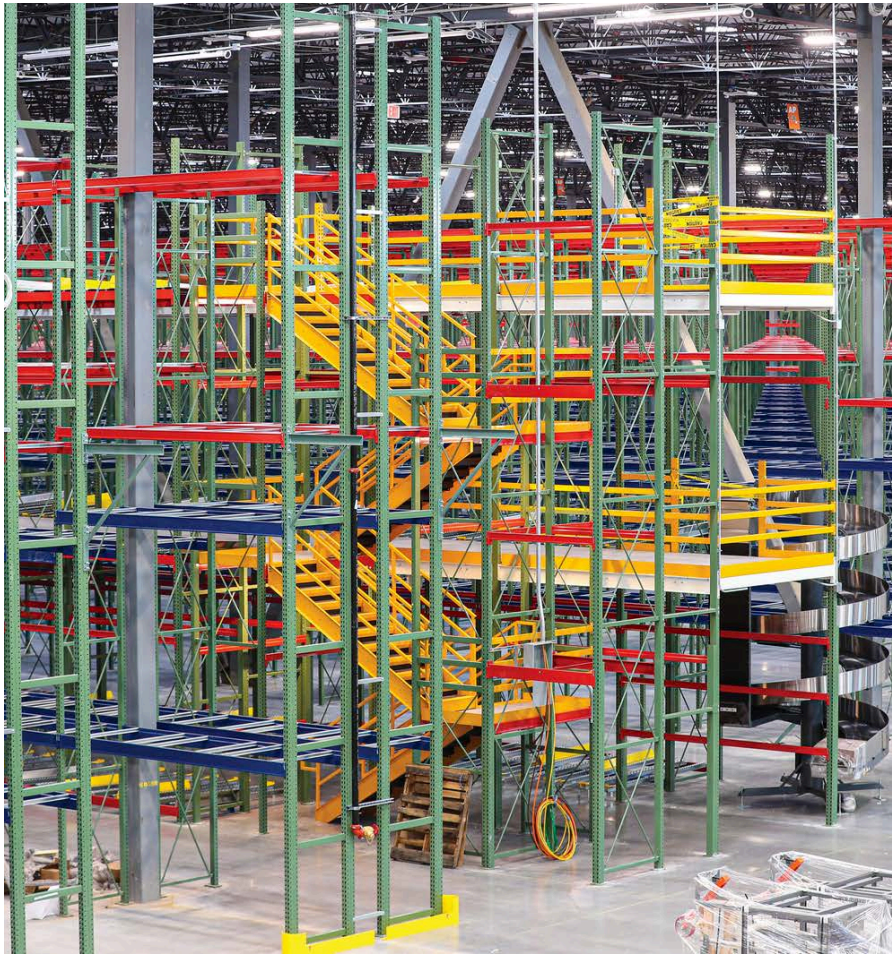
One of the most economical ways to maximize the use of your industrial facility is by building up! Custom mezzanines multiply your useable space and create a safer, more productive flow for people and materials.

Modular Buildings



Modular, pre-engineered buildings offer durable, independent workspaces with fast, permit-free installation. These cost-effective structures create efficient, professional environments without traditional construction delays or costs.

Pick Modules

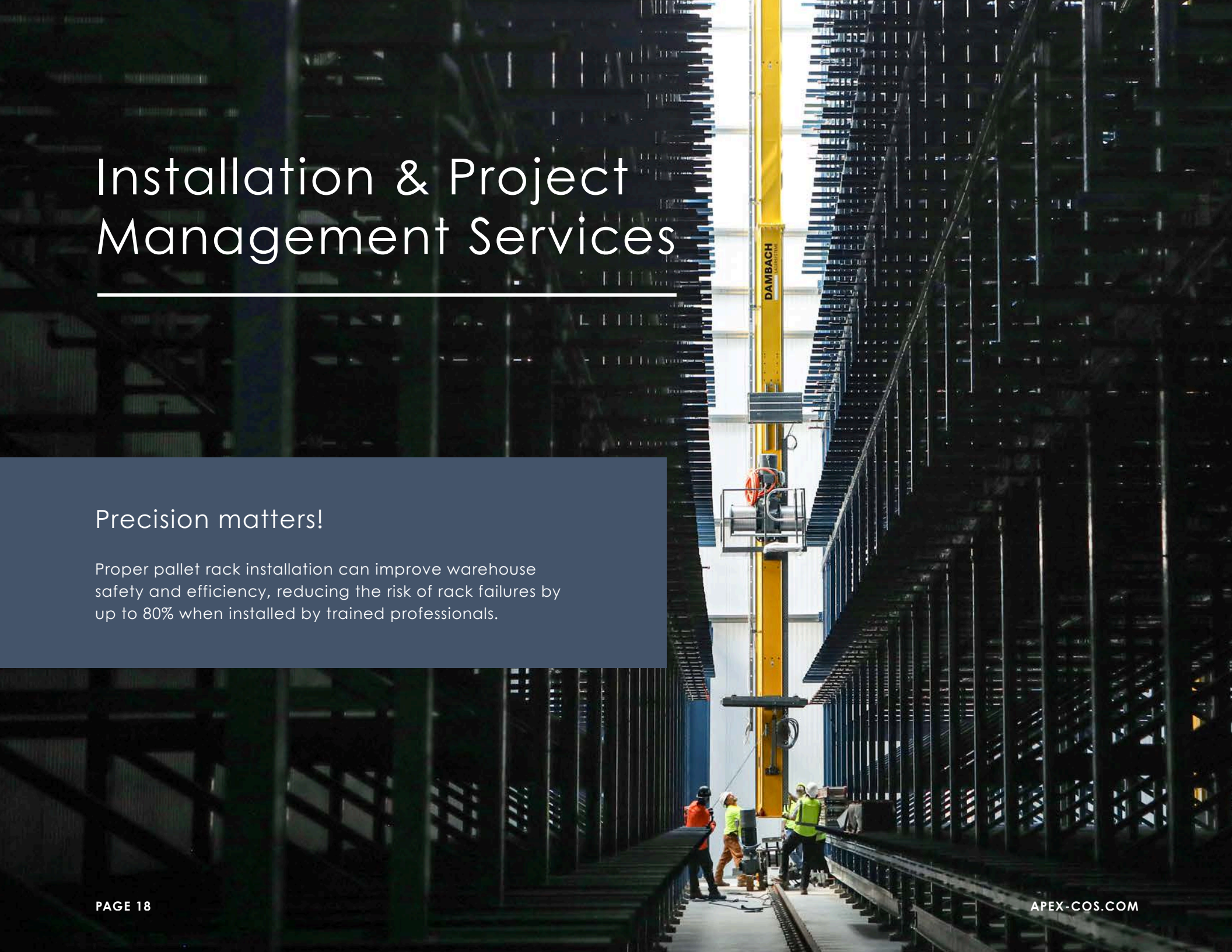


Meet your order fulfillment goals with efficient, space-saving pick modules! Single- or multi-level systems combine storage solutions like pallet and carton flow, shelving, and conveyors, tailored to your inventory and throughput requirements. Apex customizes each pick module to maximize productivity, reduce labor costs, and optimize your pick zone for seamless operations.

Installation & Project Management Services

Precision matters!

Proper pallet rack installation can improve warehouse safety and efficiency, reducing the risk of rack failures by up to 80% when installed by trained professionals.





Professional, Experienced, Reliable

Maintaining your budget and timeline depends on the effectiveness of the team you hire. We require strict adherence to:

- OSHA safety guidelines
- RMI & ANSI construction guidelines
- Racking manufacturer specifications
- Local building codes
- Client corporate standards

Project Management

Apex project managers leverage decades of construction experience and material handling expertise to deliver seamless, on-time, and on-budget project execution.

Our team collaborates closely with your warehouse operations, handling every detail—from scheduling and permitting to freight management and after-sales support. With Apex, you're backed by experience, dedication, and meticulous planning.

National Pallet Rack Installation

Your warehouse's safety and efficiency hinge on the professional installation of your racking and material handling systems. Apex's licensed and insured teams specialize in precise, expert installations, ensuring every bolt is secure, and every system operates as intended. With a proven track record, we deliver safe, reliable results and strive to exceed customer expectations.

Rack Inspection and Repair

Where Safety Fuels Productivity

Your team's goal is simple: do a good job and get home safe every day. The health of your workforce and the efficiency of your operations depend in part on the condition of your storage systems—and Apex is here to help!



Our certified rack inspectors have in-depth knowledge of all racking system designs, ensuring your systems are optimized for both safety and productivity.

What We Offer:

- Comprehensive rack & safety inspections
- Risk monitoring
- Detailed damage reports with repair recommendations
- Expert repairs

You can also access our free app for quick DIY damage assessments. Simply submit your report to the Apex PROs for a custom repair or replacement solution.

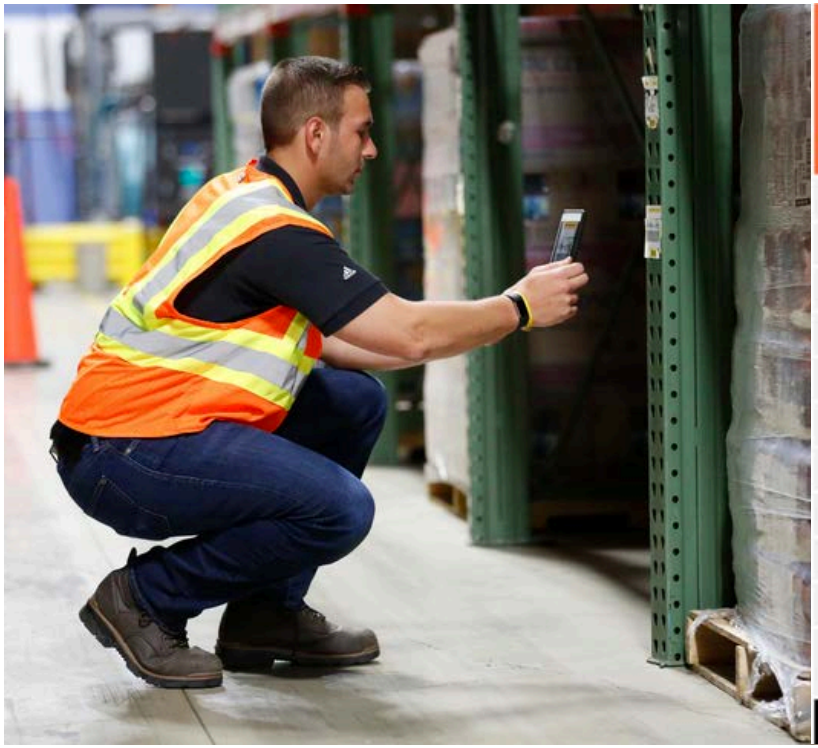
Keep your team safe and your operations running smoothly with Apex!

The Apex Rack Repair App

Simplify pallet rack inspections with the Apex Rack Repair App. This intuitive tool guides your team through a step-by-step process to identify rack damage and safety risks.

- Assess damage severity
- Order custom-fit replacement parts
- Minimize system downtime

Apex supports your team with online resources, including instructional videos and checklists. Apex PROs also review uploaded damage reports, offering expert risk assessments and unbiased, independent repair or replacement recommendations.

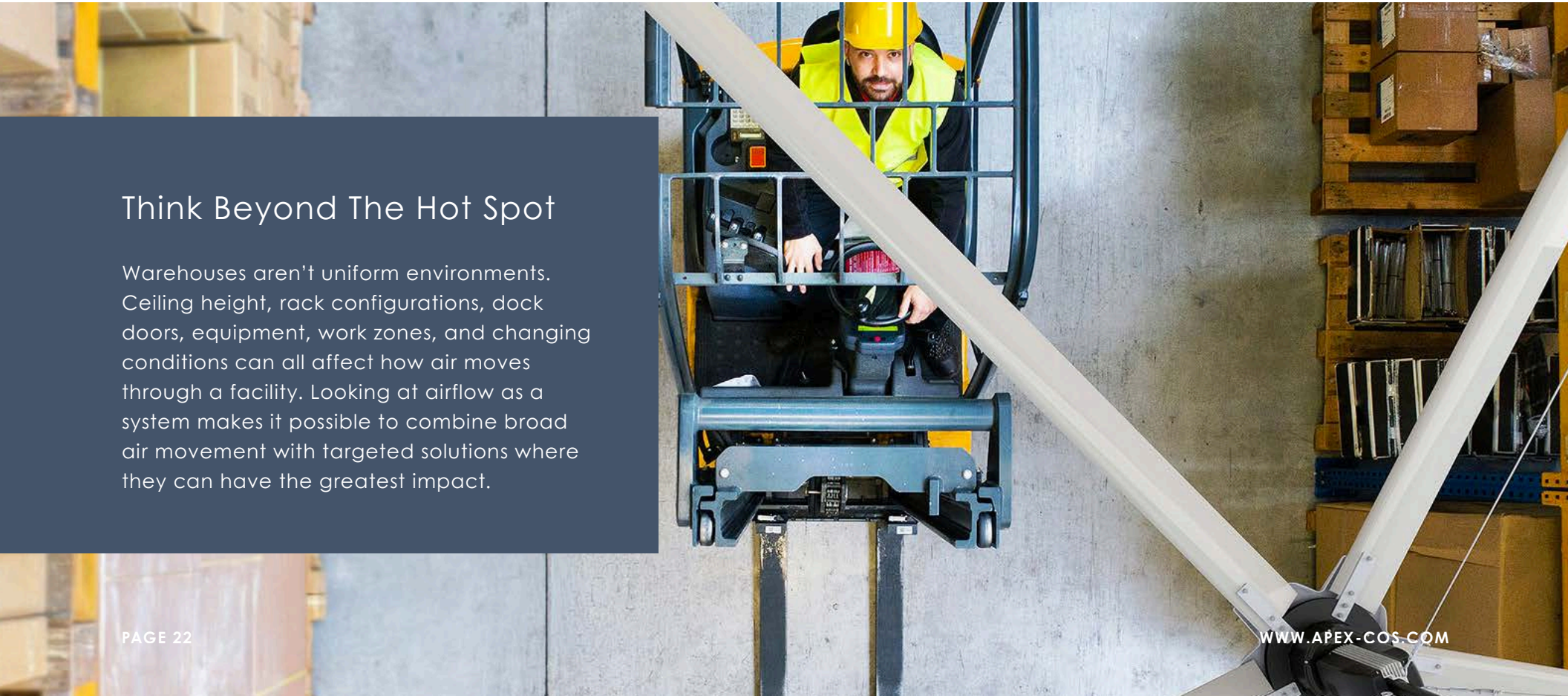


Apex Rack Repair & Safety	Do It Yourself	Call the Apex PROs
App-Guided Pallet Rack Audit	✖	✖
Pallet Rack Damage Assessment Tool	✖	✖
Parts & Damage Specs Captured for Repair	✖	✖
Thorough Damage Report	✖	✖
Apex Repair or Replacement Proposal	✖	✖
Free Training & Instructional Resources	✖	✖
Scheduled, Routine Rack Audit	✖	✖
Certified Pro Apex Pallet Rack Inspection		✖
Warehouse Safety Review & Recommendations		✖
Damage and Repair Record Keeping		✖
Monitor "Watch Areas" & Provide Preemptive Strategies		✖
Cost-Effective, SAFE Warehouse Operations	✖	✖

Industrial Airflow Solutions

Airflow Designed Around Your Operation.

Address hot spots and improve worker comfort and productivity by targeting airflow where you need it most. Industrial-grade fans and intelligent controls improve circulation and help create more consistent conditions throughout your facility. Apex offers Vindus ceiling fans, directional fans, ventilation units, and controls that work independently or together to address airflow needs across large spaces or targeted work areas



Think Beyond The Hot Spot

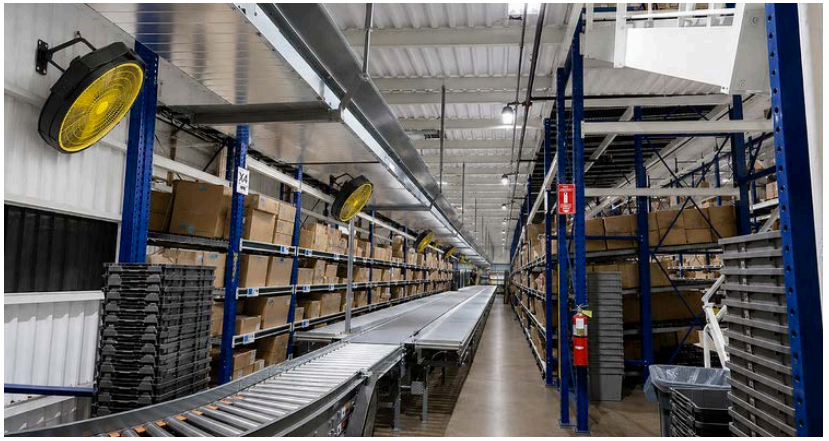
Warehouses aren't uniform environments. Ceiling height, rack configurations, dock doors, equipment, work zones, and changing conditions can all affect how air moves through a facility. Looking at airflow as a system makes it possible to combine broad air movement with targeted solutions where they can have the greatest impact.

HVLS Ceiling Fans



Energy-efficient, large-diameter, low-speed fans move high volumes of air across wide-open warehouse and industrial spaces, helping improve circulation and reduce temperature stratification.

Directional Fans



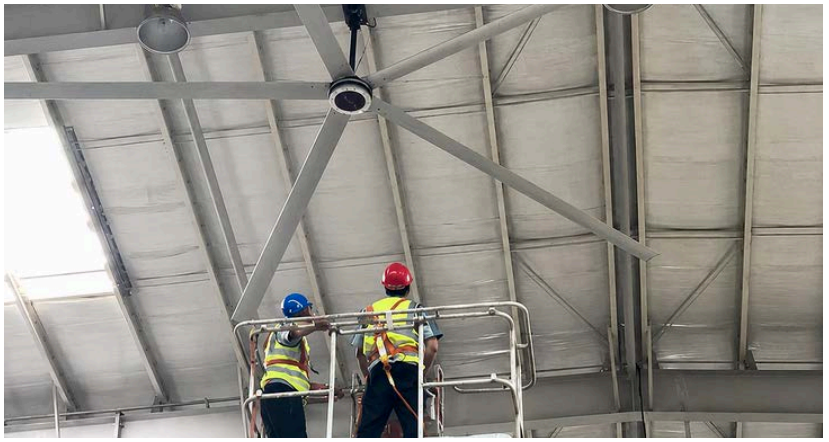
Target airflow in work areas, aisles, loading areas, and other locations where ceiling fans may not be practical.

Intelligent Controls



Coordinate fans and facility zones via centralized controls, scheduling, and automation to improve airflow efficiency.

Professional Installation



Experienced Apex installers provide streamlined installation and setup for reliable system performance.

Material Handling Equipment

Solutions for Every Need

Apex is your trusted source for forklifts, industrial vehicles, and warehouse equipment—available new or used, for purchase, rent, or lease. With flexible financing options and partnerships with top manufacturers, we connect our customers with the right equipment at the best price.

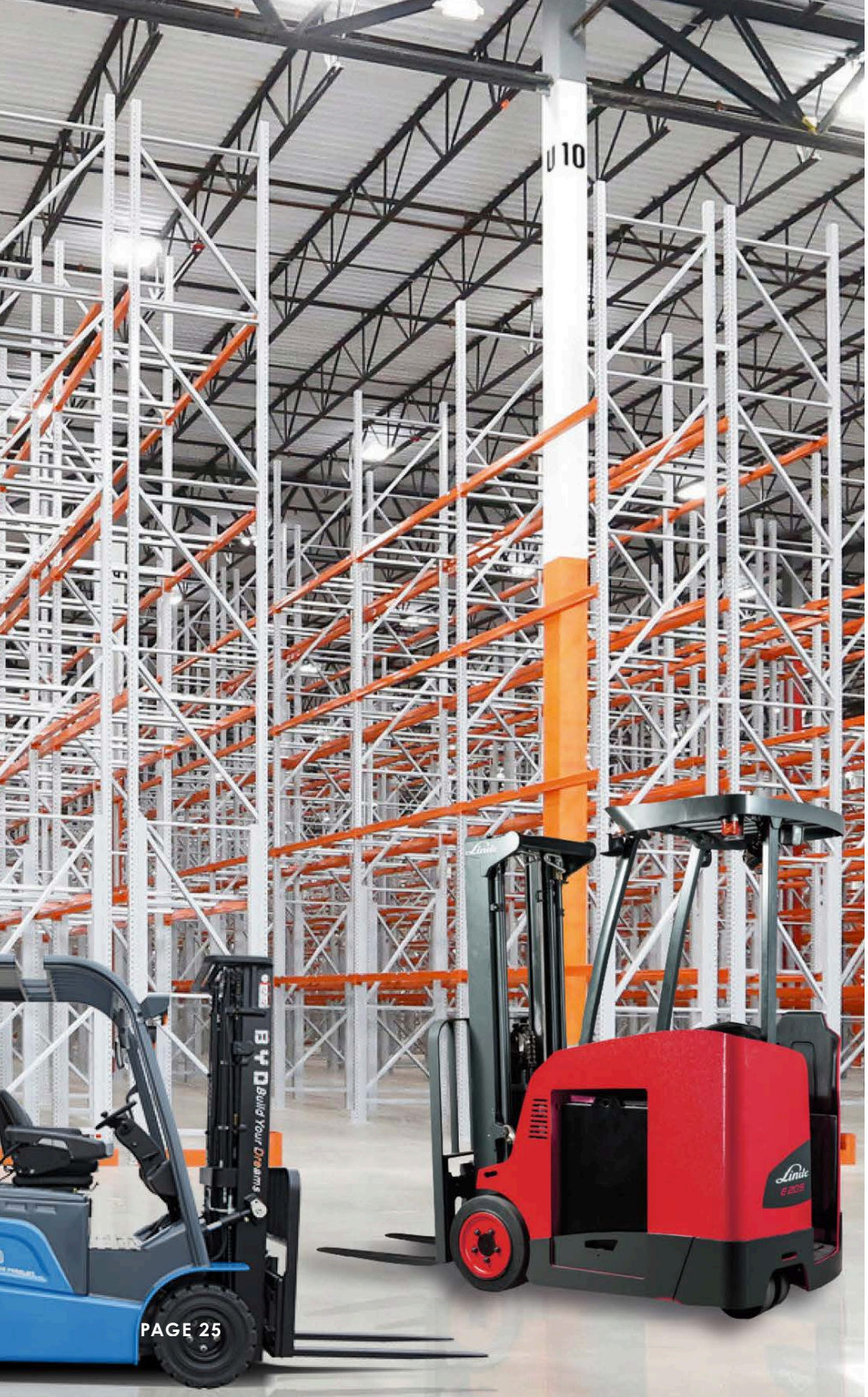
Our Partners

Linde

Linde Electric & Automated Vehicles

KION North America and Apex Companies celebrate a unique national partnership. Our alliance combines Apex's expertise in warehouse design and operational efficiency with KION's advanced material handling technology and high-quality Linde Forklifts. Together, we deliver innovative solutions to meet the needs of KION-NA and Apex customers.





CLARK Material Handling Company

For more than 100 years, CLARK has been at the forefront of forklift innovation. Choose from a versatile lineup of I.C. and electric counterbalance trucks, as well as specialized task vehicles, all designed to deliver the performance and reliability your operations demand. Trusted heritage meets modern efficiency with every CLARK vehicle.

BYD Electric Forklifts

BYD forklifts lead the way with lithium iron phosphate batteries, delivering up to 18-hour run times and rapid 60- to 90-minute recharges. Designed for multi-shift operations, BYD combines cutting-edge technology with exceptional efficiency to keep your warehouse running at full power.

Big Joe Material Handling Equipment

For over 65 years, Big Joe has delivered quality equipment to tackle material handling challenges. Lithium-powered forklifts provide 6+ hours of runtime and fast charging --eliminating high fuel costs and complex maintenance. Affordable and efficient, Big Joe is designed to help you move, stack, and access with ease.

Linde Electric Forklifts

World Class Quality Through Advanced Technology

Fuse reliability and efficiency with Linde electric forklifts. Apex carries a wide selection of Class 1, 2, and 3 vehicles that are customizable with accessories and features that enhance operator safety and productivity.

Linde vehicles feature advanced design, optimal performance, and eco-friendly operation, ensuring smooth and sustainable material handling.

Large fleet operations can greatly benefit from Linde Connect. This advanced telematics technology provides real-time data on battery health, operator checklists, impacts, and vehicle use patterns to enhance operational efficiency and safety.

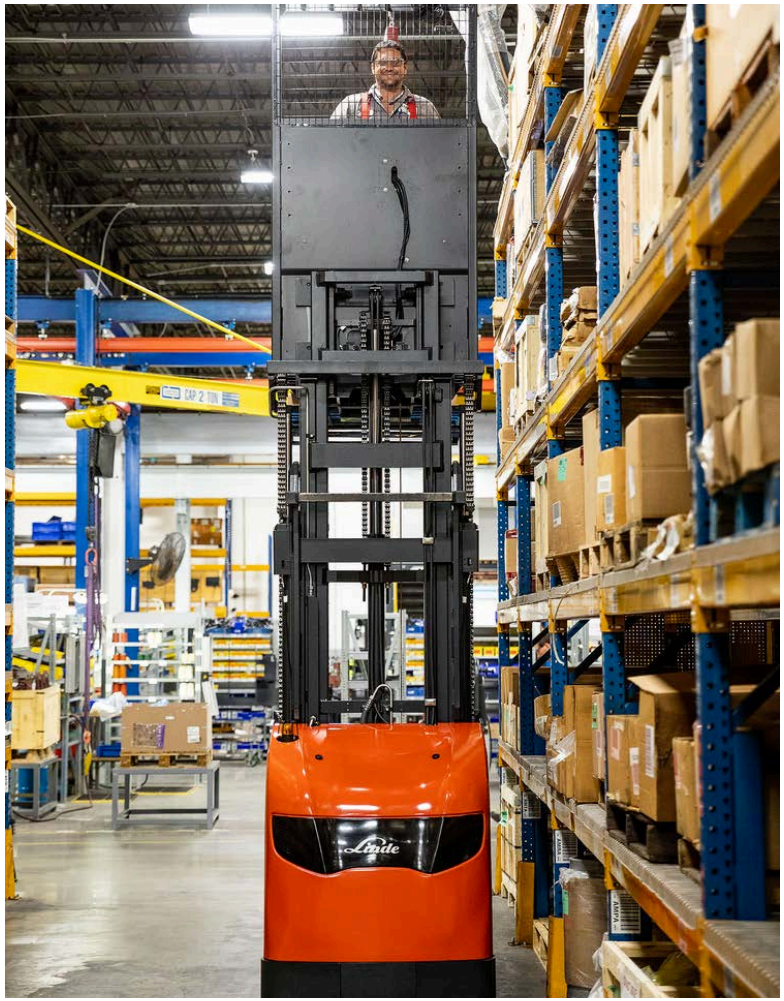
Rider Trucks

Linde counterbalance forklifts strike the perfect balance for sit-down or stand-up applications.



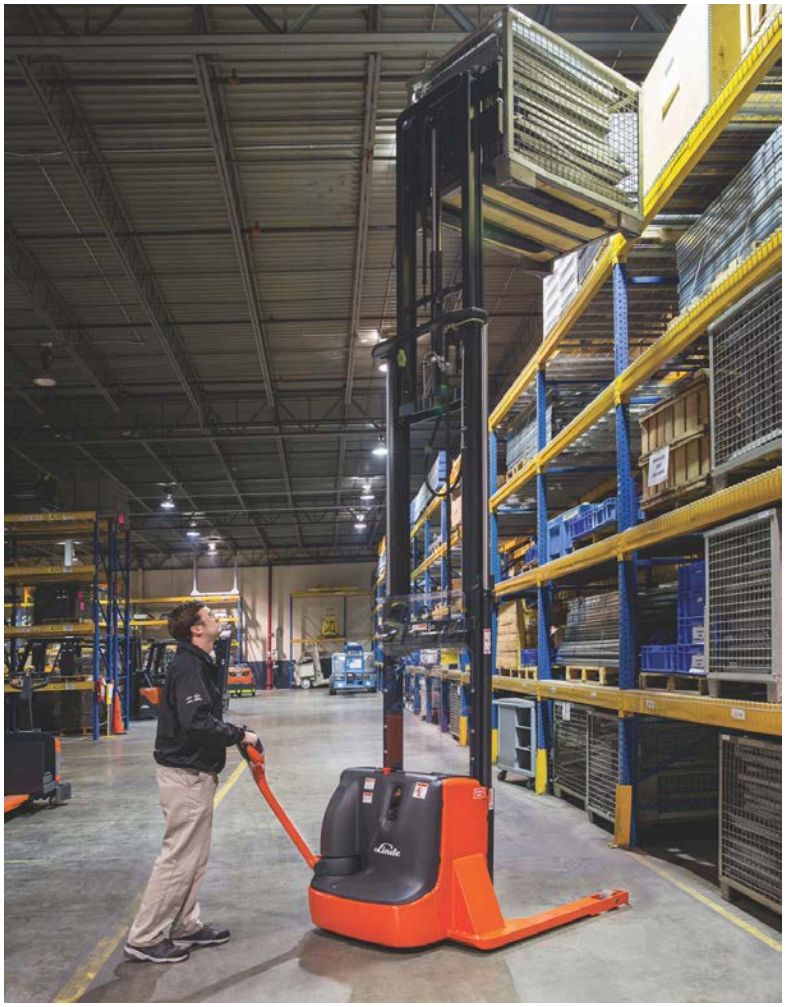
Narrow Aisle Forklifts

Find your order pickers, reach trucks, turret trucks, and swing mast trucks at Apex.



Walk/Ride Vehicles

Short-distance pallet movement can be effortless and productive with Linde walkies, walkie-riders, and walkie-stackers.



Lithium-Ion Forklift Battery Solutions

More Uptime. Less Battery Maintenance.

Today's operations expect more from their equipment, labor, and available space—making forklift power worth another look. Available through Apex's partnership with Ethium, lithium-ion battery solutions offer a different approach to charging and battery management, improving vehicle availability and simplifying fleet operations.



Make Forklift Power One Less Thing to Manage

Opportunity Charging
Recharge during breaks, shift changes, and other planned downtime to support demanding multi-shift operations.

Battery Management
An integrated battery management system continuously monitors operation to help protect battery performance and service life.

Remote Monitoring & Diagnostics
Built-in telemetry tracks battery health, state of charge, charging activity, and other operating data to help identify issues and manage battery use. Telemetry is included with Ethium's standard 8-year/4,000-cycle warranty.

Fleet Visibility
Cellular connectivity, alerts, and GPS tracking provide greater visibility into battery location, condition, and utilization.

Designed For Serviceability
A modular, serviceable design, remote diagnostics, and over-the-air software updates help simplify ongoing battery support.







Fleet Maintenance

Expert On-Call Repair and Equipment Services

We service all makes and models of forklifts, from the forks to the battery and everywhere in between. Our fully trained service professionals repair thousands of vehicles per year and are dedicated to keeping your fleet moving.

OEM Parts

Ensure your fleet stays operational with our fast-shipping OEM parts. Beyond tires, forks, and chains, Apex is your source for quality engine and vehicle parts.

Vehicle Service

Count on our prompt, dependable, on-site equipment repair services. Benefit from competitive pricing without hidden fees or extra charges.

Battery & Charger Service

Apex battery service ensures peak forklift operation, extends battery life, and minimizes downtime through regular maintenance performed by our skilled technicians.

Fleet Management

Full-service inspection and preventative maintenance. Our 70+ Point Inspection means no unflipped switch and no unchecked charge.



Forklift Operator Training

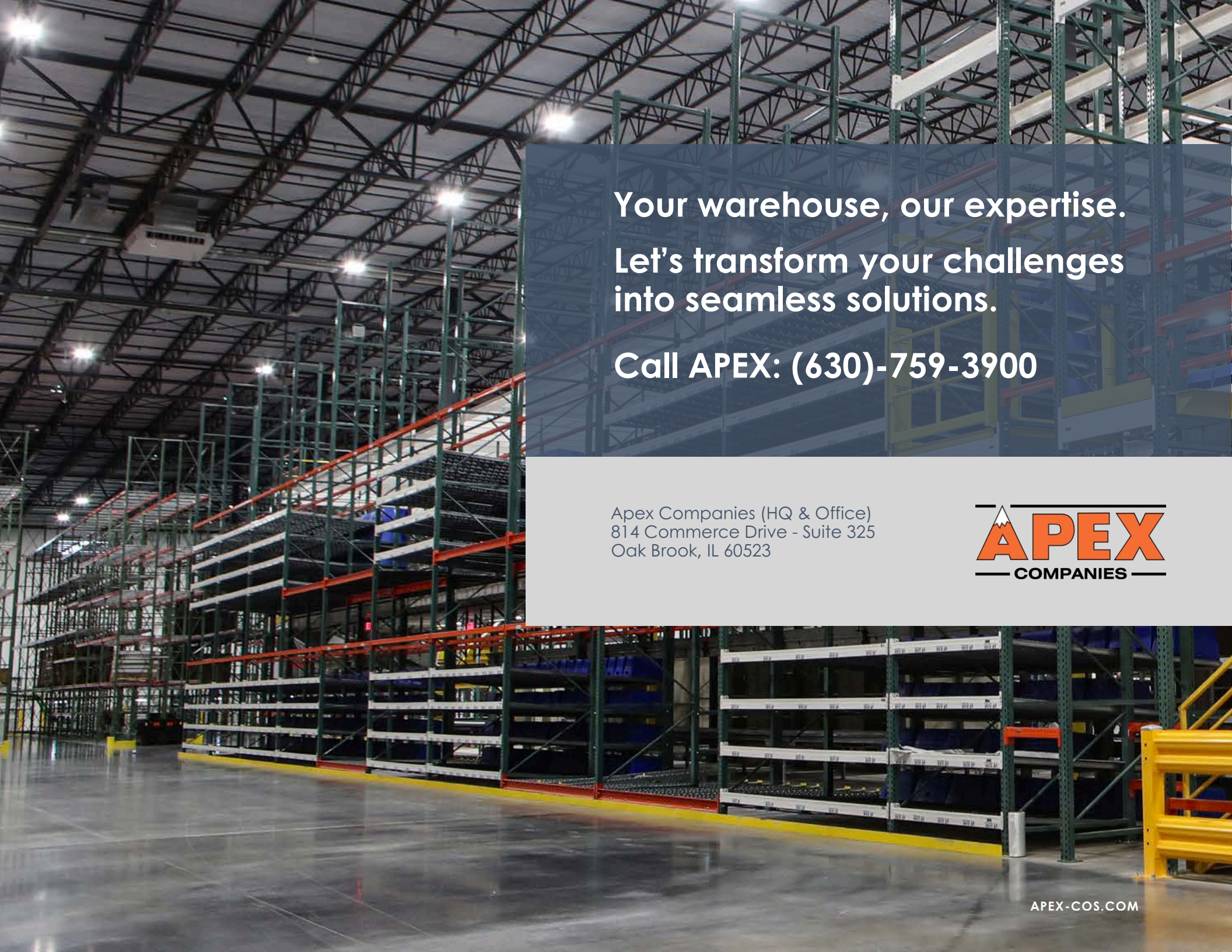
Put Warehouse Safety in the Hands of the PROS

Apex forklift operator certification training satisfies State and Federal OSHA requirements and ensures safety through driver confidence and situational awareness. In-person sessions include classroom and hands-on experience, as well as a comprehensive assessment reviewed with the candidate to ensure full comprehension of the material.

Our trainees graduate with a thorough understanding of:

- Vehicle types & features unique to your facility
- Safe operating techniques and risk avoidance
- Proper handling of fuel or battery/charging
- Principles of balance, stability, and capacity
- Hazard awareness
- Reporting of accident
- Routine vehicle safety inspection




Your warehouse, our expertise.
Let's transform your challenges into seamless solutions.
Call APEX: (630)-759-3900
Apex Companies (HQ & Office)
814 Commerce Drive - Suite 325
Oak Brook, IL 60523
APEX
COMPANIES
APEX-COS.COM