LIPHOCO®
Advanced Solutions

LINH PHONG

MECHANICAL MANUFACTURER

MATERIAL HANDLING EQUIPMENT ▪ FABRICATION & PRECISION PARTS ▪ ACCESS & SAFETY SYSTEMS



BVQA
ISO 14001:2015 CERTIFIED

CERTIFIED
ISO 9001

✓ SMETA 4-PILLAR AUDITED
✓ EN 12810

TABLE OF CONTENTS

1. About Us 01
2. Cover Letter 02
3. Vision & Mission 03
4. Core Values 04
   Journey 05
5. Why Liphoco 06
   Infrastructure 07
6. Machinery 08
7. Precision Mechanical Manufacturing 18
8. Quality Control 20
9. Stories from Customers 21
10. Experience & Expertise 22
    Business Segments 23
11. Mechanical Products 24
12. Customized Mechanical Projects 31
13. Ringlock Scaffolding 33
14. Global Partners 38

ABOUT US

Founded in 2016, LIPHOCO is a **Vietnam-based OEM/ODM manufacturer** of material-handling equipment, industrial safety products, and Ringlock scaffolding systems.

From our **16,000 m² facility in Tay Ninh Province**, a team of 120 ships more than 30 containers every month to customers in the **United States, Europe, Australia, and Japan.**

We run the full process in-house: CNC laser cutting, CNC bending, robotic and manual welding, CNC machining, powder coating, and hot-dip galvanizing - from prototype to volume production, under one roof and one point of accountability.

Our systems are certified to **ISO 9001:2015** and **ISO 14001:2015**, and we are a Sedex member. Every order is built to customer drawings and inspected against agreed specifications before shipment.

What sets us apart is engineering input, not just price. DFM review, prototyping, and cost optimization are part of every project.



COVER LETTER

To our valued partners and clients,

On behalf of the Management Board and entire team at LIPHOCO, we extend our appreciation for your continued trust, collaboration, and adoption of our products and services.

LIPHOCO's core business is the manufacture and processing of mechanical equipment for material handling, safety equipment, supporting industries, agriculture, construction and infrastructure (bridge and road), events, oil & gas, and household applications. Our first priority is product quality and strict conformance to client specifications while protecting our clients' interests. This commitment guides our mission and daily operations.

We create value on every engagement through practical engineering input - concept reviews, DFM support, prototyping, and cost-optimization - to arrive at the best solution. Our flexibility in volumes and lead times, paired with competitive pricing, gives clients a clear edge and supports sustainable growth. We credit our skilled, conscientious, client-focused team for these results. LIPHOCO's culture - openness, mutual respect, and continuous improvement - drives efficiency on every project.

LIPHOCO prioritizes R&D, led by veteran specialists, to anticipate increasing technical requirements across global supply chains. We sustain a program of system upgrades - process control, preventive maintenance, and standardized inspection - to improve repeatability and cost efficiency. These practices reinforce our client-centric operating model.

We welcome opportunities to collaborate with partners and clients while minimizing our environmental footprint, ensuring compliance, and upholding ethical business practices.

Respectfully



CEO NGUYEN HOANG VU

OUR **VISION** AND **MISSION**

VISION

To become a leading manufacturer in the field of light industrial mechanics, specializing in safety products and material handling equipment, along with other related mechanical solutions. We are committed to continuous innovation and improvement to deliver the highest product value to our customers.

MISSION

To actively participate in the global supply chain by ensuring that every product strictly adheres to standards of quality, safety, and aesthetics. Our company is dedicated to sustainable development and takes responsibility toward our employees, the community, and society as a whole.

OUR CORE VALUES

01

Business Ethics

We uphold integrity in sourcing, production, and documentation, delivering mechanical products that meet customer requirements and governing standards with consistent, auditable quality

02

Customer Satisfaction

Our customers are central to our business. We build long-term relationships through responsive service, clear communication, and transparent pricing—delivering to documented specifications and resolving issues promptly

03

People Development

We invest in our employees' growth and well-being, fostering a workplace that supports continuous learning and practical innovation

04

Quality

We deliver mechanical products and services that conform to documented specifications and applicable standards, with consistent, auditable quality

05

Sustainability

We are committed to operating our business in a way that is sustainable and responsible, minimizing our impact on the environment and promoting ethical business practices

OUR JOURNEY



Company Established

LIPHOCO entered the European market with Ringlock scaffolding

2016



Pioneered European-Standard Scaffolding in Vietnam

LIPHOCO was the first in Vietnam to introduce European-standard scaffolding

2017



Business Expansion Phase I

- Ringlock Scaffolding
- Sheet-Metal Fabrication & Mechanical Manufacturing
- Custom Mechanical Projects

2019



Business Expansion Phase II

- Ringlock Scaffolding
- Sheet-Metal Fabrication & Mechanical Manufacturing
- Custom Mechanical Projects
- **Precision Machining**

2022

Now



Infrastructure Expansion

We are investing in advanced equipment to expand capacity and improve accuracy and repeatability in precision machining and OEM metal fabrication

WHY LIPHOCO

We provide end-to-end manufacturing - from the initial brief through DFM reviews, prototyping, production, quality inspection, and on-time delivery. We fabricate precision metal parts and assemblies for diverse industrial applications.

10+
YEARS
Manufacturing Experience

16,000+
SQUARE METERS
Factory & Warehouse

20+
CONTAINERS
Exports per Month

OEM & ODM MANUFACTURING
Flexible solutions for your business needs.

QUALITY CONTROL & TRACEABILITY
Strict inspection at every stage.

ADVANCED METAL FABRICATION
Laser cutting, punching, bending, welding, powder coating and more.

LOGISTICS & DELIVERY SUPPORT
Reliable global shipping, secure packaging, and end-to-end export management.

ENGINEERING & TECHNICAL SUPPORT
From drawing review to production.



FACTORY 1

FACTORY 2



OUR INFRASTRUCTURE

Modern facilities supporting efficient and scalable manufacturing.



MODERN FACTORY



ADVANCED MACHINERY



QUALITY CONTROL



WAREHOUSE & SHIPPING

LIPHOCO operates two factories totaling 16,000 m² in a major industrial zone in southern Vietnam. Located ~30 km from Ho Chi Minh City and within convenient reach of key international gateways - such as Cat Lai Port, Tan Cang - Phu Huu, SP-ITC, and Hiep Phuoc Port - our sites connect seamlessly to robust road and port logistics for efficient inbound materials and outbound shipments. Modern facilities, standardized QA, and coordinated logistics enable to-spec production and reliable delivery. We are committed to continuous improvement and are expanding capacity to better serve customers.



MACHINERY
MECHANICAL MANUFACTURING







LIPHOCO optimizes capacity planning and scheduling to raise production efficiency and protect confirmed delivery dates. We continue to expand capacity and upgrade equipment and processes to meet demand and improve repeatability

CATEGORY	MACHINERY / EQUIPMENT	MODEL / CAPACITY
CUTTING	Fiber Laser Cutting	500W · HN3015C · 12,000W up to 7.5 meters
	Tube / Pipe Cutting	G170C 3,000W · TT640-MBAU · Aluminum Tube Cutter
	Plasma Cutting	2,800 × 1,300mm
	Metal Shearing	QD11K-6 × 3,200 · QD11K
	Metal / Pipe Sawing	MC-315AC · Metal Saw
PUNCHING & PRESSING	Automatic Punching	3.512m Brace · 4m Upright
	Metal Pressing	150T · 110T · 60T · 55T · 45T · TAT
BENDING & FORMING	Press Brake	Up to 100T/ 3 meters
	Tube Bending	UO032-2.0 · 25-2-017 CNC2 · SP-50ST · DW-38NC
WELDING & ROBOTICS	Automatic Welding	Double-Head · Ledger 3m / 3.6m · Upright 2.5m / 4m Base Collar · Base Plate
	Robotic Welding	UP50N · QJRH4-1A
	Laser / Aluminum Welding	MFSC-1500 · Aluminum Welding
	MIG Welding	OTC XD350
CNC MACHINING	CNC Turning	OKUMA LB15 · LR15-M · LCS-25
	Milling	DX6060 · TOSHIBA JVR40F · MVC650 · MVC850B DC6060A · HISION
	Gear Cutting & Grinding	DK774H · SGA4080AHR
	Tapping	ETU-24-1800
FINISHING & SUPPORT	Vibratory Finishing	150 L
	Induction Heating	30 kW
	Air & Cooling Systems	Air Compressors · Air Dryer · 20,000W Chiller · Argon Gas System

WELDING SYSTEM

ADVANCED AND VERSATILE WELDING METHODS

LIPHOCO operates an advanced welding system that includes automated MIG (GMAW) lines, dedicated ringlock-scaffolding automatic welding machines, robotic cells, and skilled manual welding stations. These processes handle a wide range of materials—carbon steel, stainless steel, and select non-ferrous metals such as copper—and accommodate complex geometries and profiles. Our professional MIG production line and supporting equipment are engineered in-house by LIPHOCO's team, enabling stable parameters, consistent bead quality, and cost-effective throughput. This setup allows even challenging welding positions and joints to be executed with repeatable precision and high quality









- ✓ **Precision & Repeatability**
- ✓ **Customization & Flexibility**
- ✓ **Verified Quality (QA/QC)**
- ✓ **Cost Efficiency**
- ✓ **High Throughput**

ROBOTIC WELDING MACHINES

QUANTITY **05**

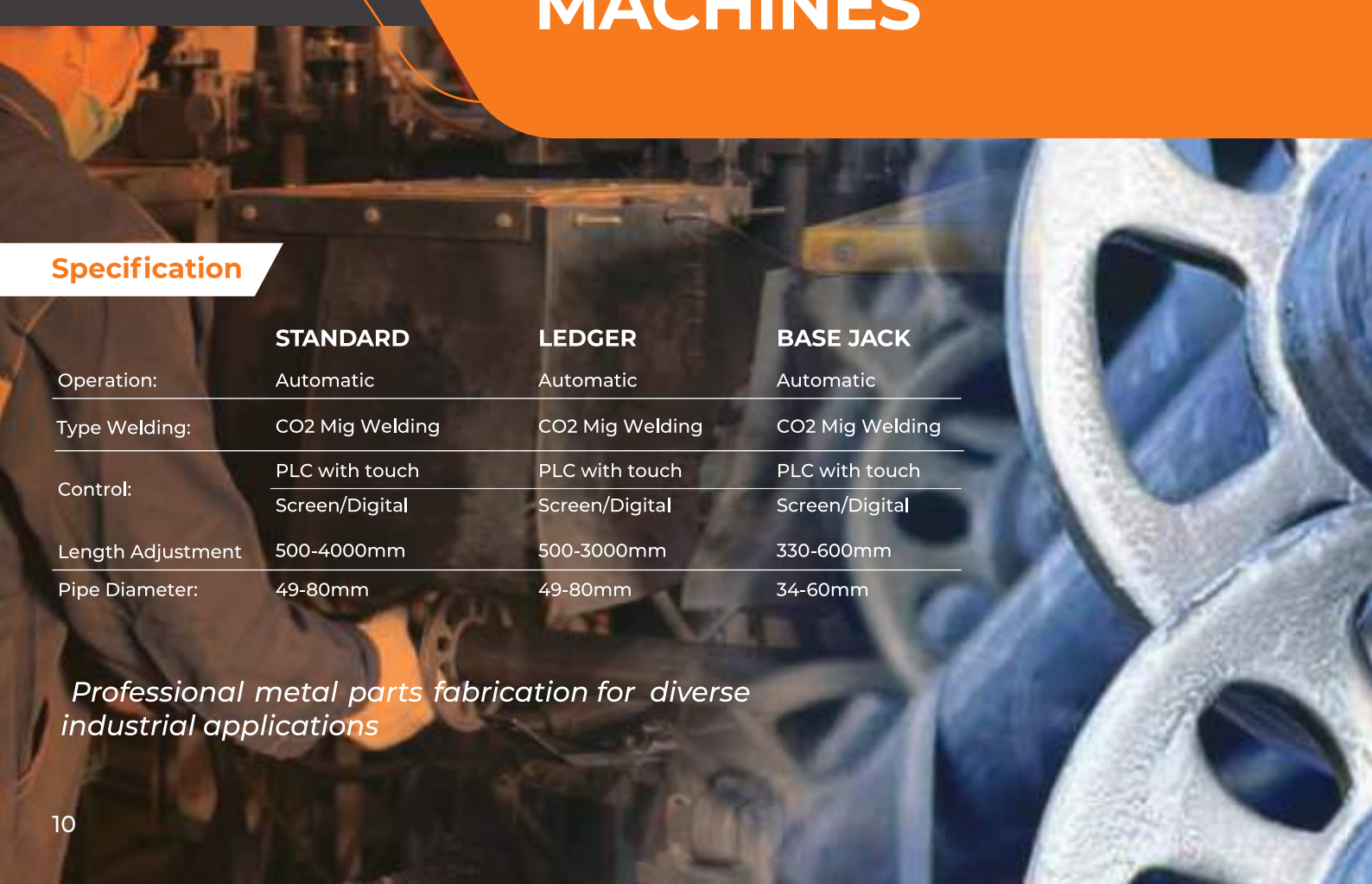


Workable Material

- Carbon Steel
- Stainless Steel
- Aluminum
- Copper

QUANTITY **09**

RINGLOCK WELDING MACHINES



Specification

	STANDARD	LEDGER	BASE JACK
Operation:	Automatic	Automatic	Automatic
Type Welding:	CO2 Mig Welding	CO2 Mig Welding	CO2 Mig Welding
Control:	PLC with touch Screen/Digital	PLC with touch Screen/Digital	PLC with touch Screen/Digital
Length Adjustment	500-4000mm	500-3000mm	330-600mm
Pipe Diameter:	49-80mm	49-80mm	34-60mm

Professional metal parts fabrication for diverse industrial applications

LASER WELDING MACHINES

QUANTITY **06**









Workable Material

- Stainless Steel
- Aluminum
- Copper
- Mild Steel



HANDHELD WELDING MACHINES

QUANTITY **60**



LASER CUTTING MACHINES (Tube & Sheet)

QUANTITY **04**

MAXIMUM PRODUCTION AND FLEXIBLE CUSTOMIZATION



CNC laser cutting uses CAD/CAM (nesting) to generate precise cut paths with high efficiency. We process a wide range of metals and profiles - including sheet, plate, and round/ square tube - to tight tolerances. Cut quality is tuned via kerf compensation, lead-ins/outs, and assist-gas settings to ensure consistent edges and reduce rework. Optimized nesting lowers scrap and cost. The result is high precision and productive throughput for custom and series production.









Specification	
Laser Power:	3000 - 12000W
Cutting range (max):	+ Sheet : 6000 x 2000 mm
	+ Tube : **D220 x 7500 mm**

LASER POWER	MAX. CUTTING THICKNESS	MAX. CUTTING SPEED
3,000 W	20 mm	40 - 60 m/min
12,000 W	50 mm	80 - 110 m/min

Fully automatic without manual intervention from material feeding to cutting completion

PUNCHING MACHINES

QUANTITY 04

EFFICIENT PRODUCTION OF CUSTOM METAL PRODUCTS

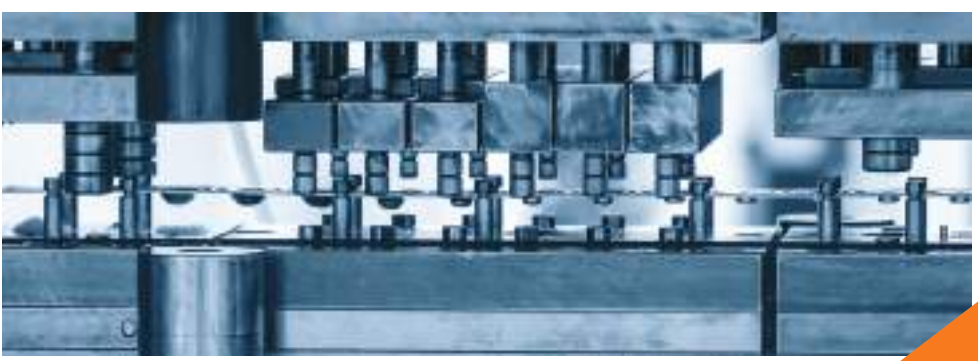
LIPHOCO's investment in CNC punching enables cost-effective production of custom metal parts in Vietnam. Automation allows multiple operations to run in a single cycle, reducing handling time and increasing throughput. With programmed setups and consistent parameters, CNC punching supports high-volume orders with reliable, repeatable quality





Workable Material

- Stainless Steel
- Aluminum
- Copper
- Mild Steel



PRESSING MACHINES

QUANTITY **04**









CUSTOM PRESSING FOR COMPLEX PARTS

We keep pressing operations on schedule with careful planning. Our flexible setup allows customized bends and complex shapes while maintaining consistent quality. These capabilities ensure we meet strict customer requirements on every order

BENDING MACHINES

QUANTITY **04**

HIGH-CAPACITY AUTOMATIC BENDING FOR COMPLEX SHAPES



We offer tube-bending services that create precise curves with minimal distortion. Our modern, high-capacity machines produce complex parts quickly while maintaining consistent precision throughout production.

SPECIFICATION	
Steel Pipe:	Ø16 - 42x3,5mm
Round Steel:	Up to Ø20mm
Tube:	Up to 25x50x2mm
Pipe Length:	4000mm

WORKABLE MATERIAL
Mild Steel
Stainless Steel
Aluminum
Copper





CUTTING MACHINES

QUANTITY 13

ADVANCED METAL CUTTING SOLUTIONS

Our state-of-the-art system combines automatic and semi-automatic pipe cutters with high-capacity shears to deliver large-scale output without compromising quality. Programmable controls let us adapt quickly to different sizes and materials, ensuring fast, precise processing and consistent results that exceed our clients' expectations







POWDER COATING SYSTEM

REDUCING COSTS WITH ELECTROSTATIC POWDER COATING

Liphoco operates an automated electrostatic powder-coating line that delivers precise, repeatable coverage with high throughput. End-to-end controls improve accuracy and efficiency, reducing material waste and rework - shortening lead times and lowering total finishing costs.

With top-notch production experience and capabilities, Liphoco delivers effective, affordable electrostatic powder-coating solutions for its partners - reinforcing our leadership in the mechanical engineering industry







SPECIFICATION	
Spraying Equipment	6 guns
Paint Robot:	Two Machines
Conveyor System:	100m in length and automatically controlled by an inverter
Gas heating system equipped with an Italian electric ignition head and automatic control.	
Dimensions of the paint frame (L×W×H):	6x1, 6x3m
Maximum Product Size (L×W×H):	4x1x2m
Maximum Capacity:	500 m^2/day

WORKABLE MATERIAL
Mild Steel
Stainless Steel
Aluminum
Copper

PRECISION MECHANICAL MANUFACTURING

- Automation
- High Efficiency
- High Precision
- Quality & Durability Assurance
- Cost Efficiency
- Energy Efficiency
- International Standards

INTEGRATED CNC MILLING AND DRILLING SYSTEMS WITH MAXIMUM EFFICIENCY

Liphoco believes in the power of automated technology to enhance production efficiency and has invested in advanced CNC milling, lathe, and drilling machines. We invest in automation across CNC milling, turning, and drilling to raise efficiency and precision. Our engineers create 3D models and programs that run accurate machining operations with minimal error. The result is consistent, to-spec quality and shorter lead times that meet rising market requirements











QUANTITY
05

MILLING - DRILLING LATHE MACHINES





QUALITY CONTROL

At LIPHOCO, our quality assurance and control system is built on **four key pillars**: certifications, procedures, technology and people. These elements work together to ensure every product we deliver meets the highest standards of quality, safety and reliability - on time, every time.

1. QUALITY PEOPLE & SYSTEMS

- Experienced and well-trained quality team
- Standardized quality procedures
- Process control at every stage
- Continuous improvement mindset



2. CERTIFICATIONS

- ISO 9001:2015 Quality Management System
- EN12810 Compliance for Ringlock Scaffolding



3. INSTRUMENTS

- Advanced measuring and testing equipment
- Regular calibration for accuracy
- Data-driven inspection and traceability
- Support customer-specific requirements



Caliper



Coating Thickness Gauge



Bore Gauge



STORIES *from* CUSTOMERS



Scan to Watch Our Production Process

1. PALLET TROLLEY FOR AGV

Our customer found Liphoco on Alibaba after a simple search. They sent us a drawing with an idea that wasn't yet feasible.

We quickly gathered our engineering team, explored multiple solutions and joined many online meetings to refine the design.

After close collaboration, we finalized the drawing and transformed it into pallet trolleys for AGV systems - ready for automation, ready for action.

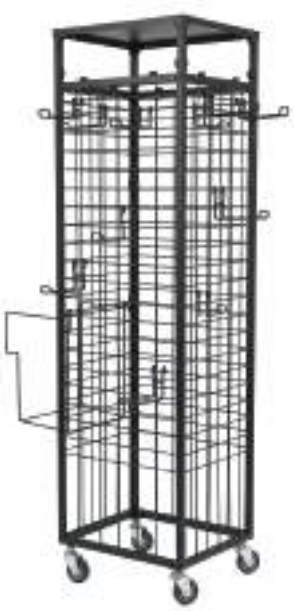
The result: **6 containers delivered and running successfully on their AGV line.**

2. HANGING RACK

More Products. Same Floor Space.

A retailer needed to display more tote bags and canvas products without taking up more floor space.
LIPHOCO turned that idea into a compact hanging rack with flexible hook configurations, designed to keep products visible, organized, and easy to display. From laser cutting and wire mesh fabrication to bending, welding, tube forming, and powder coating, every step was handled in-house.

One simple idea. Thousands of racks delivered.



Scan to Watch Our Production Process

EXPERIENCE & EXPERTISE



CREATIVITY & INNOVATION

At LIPHOCO, we meet unique customer needs with customized manufacturing and practical engineering support. Our experienced team adapts to different specifications, materials, and volumes to deliver to-spec parts and assemblies

We continually improve our processes, tooling, and products. Through DFM reviews, prototyping, and controlled trials, we develop cost-effective solutions that maintain consistent quality and competitive lead times



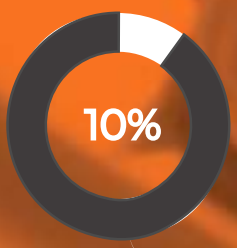
STRONG CUSTOMER SUPPORT

We prioritize long-term partnerships through responsive service and transparent terms. Our technical team works closely with customers from brief to delivery - providing quick samples, clear updates, competitive pricing, and high-quality production to documented standards.

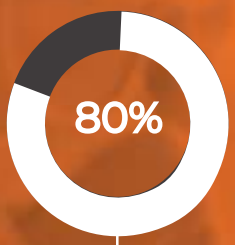


BUSINESS SEGMENTS

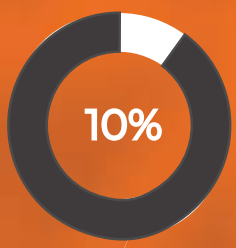
RINGLOCK SCAFFOLDING



FABRICATION SERVICES



PRECISION MACHINING



INDUSTRIES WE SERVE

We provide modular scaffolding and OEM mechanical manufacturing that adapts to varied site conditions, specifications, and volumes. From construction and events to material handling and energy, our customizable builds help clients work safer, faster, and more cost-effectively with reliable lead times and to-spec quality

MATERIAL HANDLING

FABRICATION SERVICES

SAFETY EQUIPMENT

SCAFFOLDING SERVICES

CUSTOMIZATION PROJECT



MECHANICAL PRODUCTS

MECHANICAL PROCESSING TO SPECIFICATION

Every project is different. Explore our product categories for examples of customized parts and assemblies. We build to your drawings and requirements - materials, dimensions, finishes, and volumes - delivering to-spec results on reliable lead times



Double Platform Cart



Lumber Cart



Heavy Duty Platform Cart



Fork Deck Maintenance Platform



Heavy Duty Door Cart





OEM MATERIAL HANDLING



Heavy Duty Fridge Hand Truck



Easy Tilt Curved Back Hand Truck



Pram Handled Hand Truck



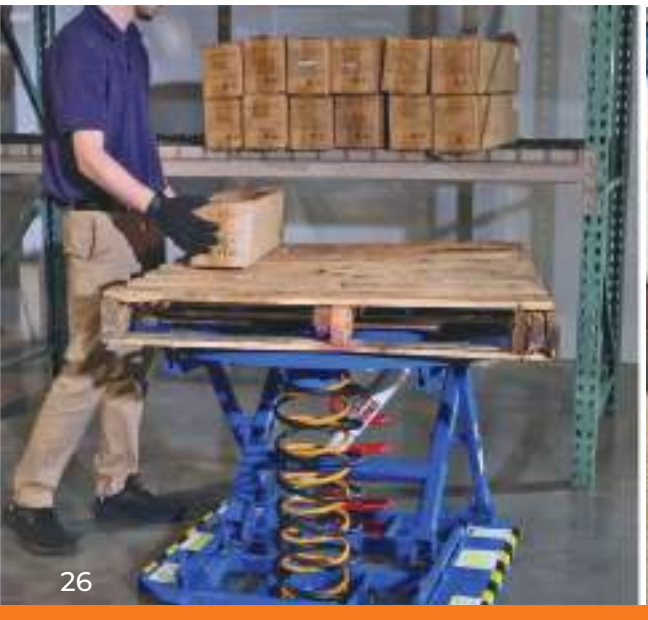
Spring Level Loader Lift Table



Scissor Lift Table



Hanging Rack







Double Deck Platform Stock Trolley



Order Picking Trolley



Galvanized Double Bread Crate Dolly



Cable Reel Transport Cart



Pallet Trolley







3 Step Lock Folding Rolling Ladder



3-Step Tilt and Rolling Ladder



Cantilever Rolling Ladder



Vertical Fixed Ladder With Safety Cage



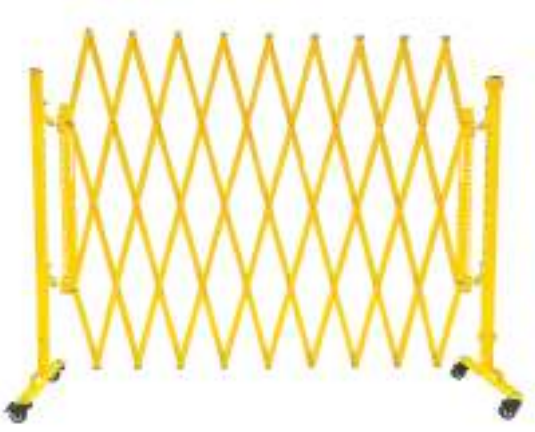
2 in 1 Folding Ladder Hand Truck











Single Folding Security Gate



Interlocking Event Barricade



Self-Closing Safety Gate









PRECISION MACHINING



LATHE PARTS








MILLING PARTS








DRILLING PARTS





CUSTOMIZED MECHANICAL PROJECTS



OPTIMAL SOLUTION FOR CUSTOMIZED MECHANICAL PROCESSING PROJECTS

Our team specializes in project-based mechanical fabrication for construction and architectural applications. With years of experience, we have delivered numerous to-spec projects. We tailor materials, finishes, and volumes to your requirements and manage production through on-time delivery. Partner with LIPHOCO to execute your project with reliable quality and predictable total cost

FABRICATION SERVICES

We handle every step, from the initial brief to confirmed delivery, ensuring a smooth, efficient process and to-spec results for your mechanical project



HEAVY DUTY PIPE ROLLER

Load capacity: **80 Tons**

Ideal for long-distance heavy pipe launching and installation in outdoor, underground, or elevated industrial piping systems.

Suitable for oil & gas, chemical plants, power stations, shipbuilding, and water infrastructure projects







WORKING PLATFORM LADDER

Load capacity: **450 lbs**

Ideal for elevated access in warehouses, distribution centers, and industrial sites.

Suitable for construction, truck/container loading, maintenance, and material handling









THE RINGLOCK SCAFFOLDING

EN 12810

European Standard
Certification

Made in Vietnam



RINGLOCK SCAFFOLDING

Ringlock is a proven, multi-purpose system scaffold used for access and support structures across building and construction, shipbuilding, offshore projects, and industrial maintenance

Although introduced after Cuplock and Kwikstage, it is now widely adopted worldwide as a flexible alternative to other system scaffolds. Its rosette node (central connector) enables fast assembly at multiple angles, supporting complex geometries and easy on-site adaptation







RINGLOCK SCAFFOLDING

APPLICATION

The system's modularity, flexibility, and high load capacity make it suitable for complex layouts and challenging conditions. A full range of accessories supports access and shoring in civil and industrial construction, chemical and petrochemical plants, shipyards and aviation facilities, power stations, and events/staging

INDUSTRIAL USE

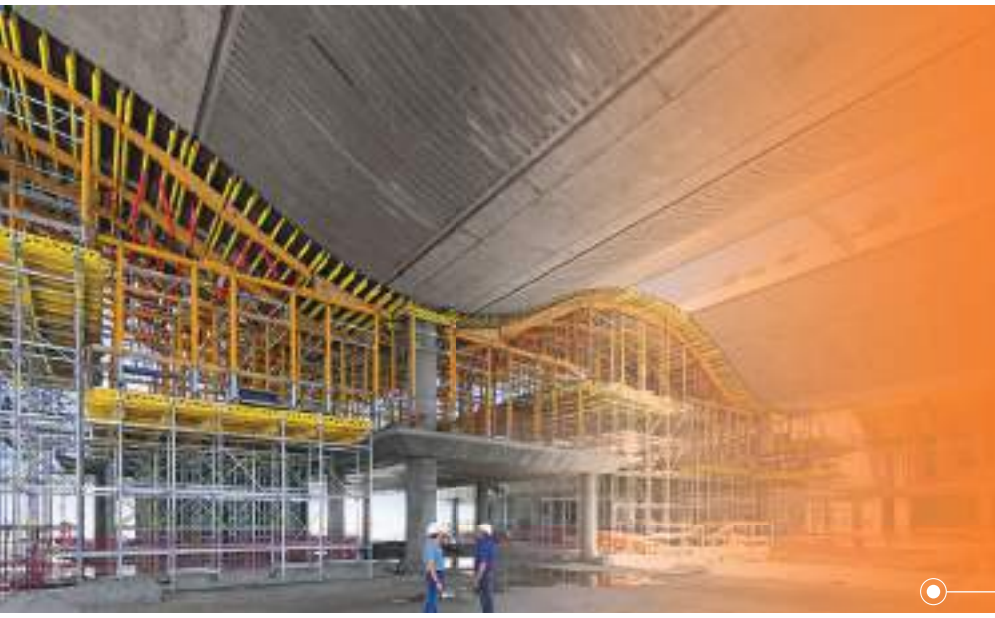
- Heavy duty tower
- Shoring system
- Viaducts and bridges Oil & Gas
- Shipyard - Naval

BUILDING CONSTRUCTION

- Renovation and restoration access
- Loading tower
- Mobile towers
- Temporary coverings



MAJOR PROJECTS



LANDMARK 81

SOUTH HOI AN CASINO

DIAMOND ISLAND

GARDEN CITY

DIAMOND LOTUS

FPT TOWER

SAO DAU FACTORY

APAC PHU QUOC









CERTIFICATIONS & QUALITY STANDARDS



EN 12810
European Standard Certification



ISO 14001:2015



ISO 9001:2015

Sedex Supplier Plus



TRUSTED WORLDWIDE




ITALY
GEORGIA
JAPAN
VIETNAM
CAMBODIA
AUSTRALIA



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