



LINH PHONG

MECHANICAL MANUFACTURER

MATERIAL HANDLING ■ SCAFFOLDING ■ FABRICATION SERVICES



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ABOUT US

Founded in 2014, LIPHOCO (**Linh Phong Scaffolding & Mechanical Manufacturer**) is a Vietnam-based producer of construction scaffolding and OEM mechanical components. We serve material-handling and supporting industries, along with light mechanical and safety-equipment sectors. With more than a decade of manufacturing experience, we design, fabricate, and finish to consistent specifications and timelines

We invest in continuous improvement—upgrading processes, tooling, and technology—to raise quality and shorten lead times. Our focus is long-term, sustainable partnerships built on reliability, safety, and transparent service. As part of global supply chains, clients can count on stable quality and professional support from order to delivery

At LIPHOCO, we believe that creating sustainable value is the foundation of all success. By continuously improving our manufacturing technology and upgrading our services, we strive to become a vital part of the global supply chain. When you partner with LIPHOCO, you can be confident in our product quality and professionalism, contributing to your own sustainable development.

COVER LETTER

To our valued partners and clients,

On behalf of the Management Board and entire team at Linh Phong Trading Service and Mechanical Co., Ltd. (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.

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 CORE VALUES

Company Established

LIPHOCO entered the European market with Ringlock scaffolding

2014

Pioneered European-Standard Scaffolding in Vietnam

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

2016

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

Infrastructure Expansion

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

NOW



JOURNEY

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



FACTORY 1



16,000⁺

SQUARE METERS
FACTORY & WAREHOUSE



15⁺

INTERNATIONAL COUNTRIES
ANNUAL EXPORTS



30⁺

CONTAINERS
EXPORTS PER MONTH

COMPANY HIGHLIGHTS



**VERIFIED
QUALITY**



**TRANSPARENT TERMS
& COLLABORATION**



COST EFFICIENCY



**CUSTOMIZATION
& FLEXIBILITY**



**RAPID PRODUCT
MARKET ENTRY**



**MANUFACTURING
EXPERTISE**



**EXPERIENCED
ENGINEERS**



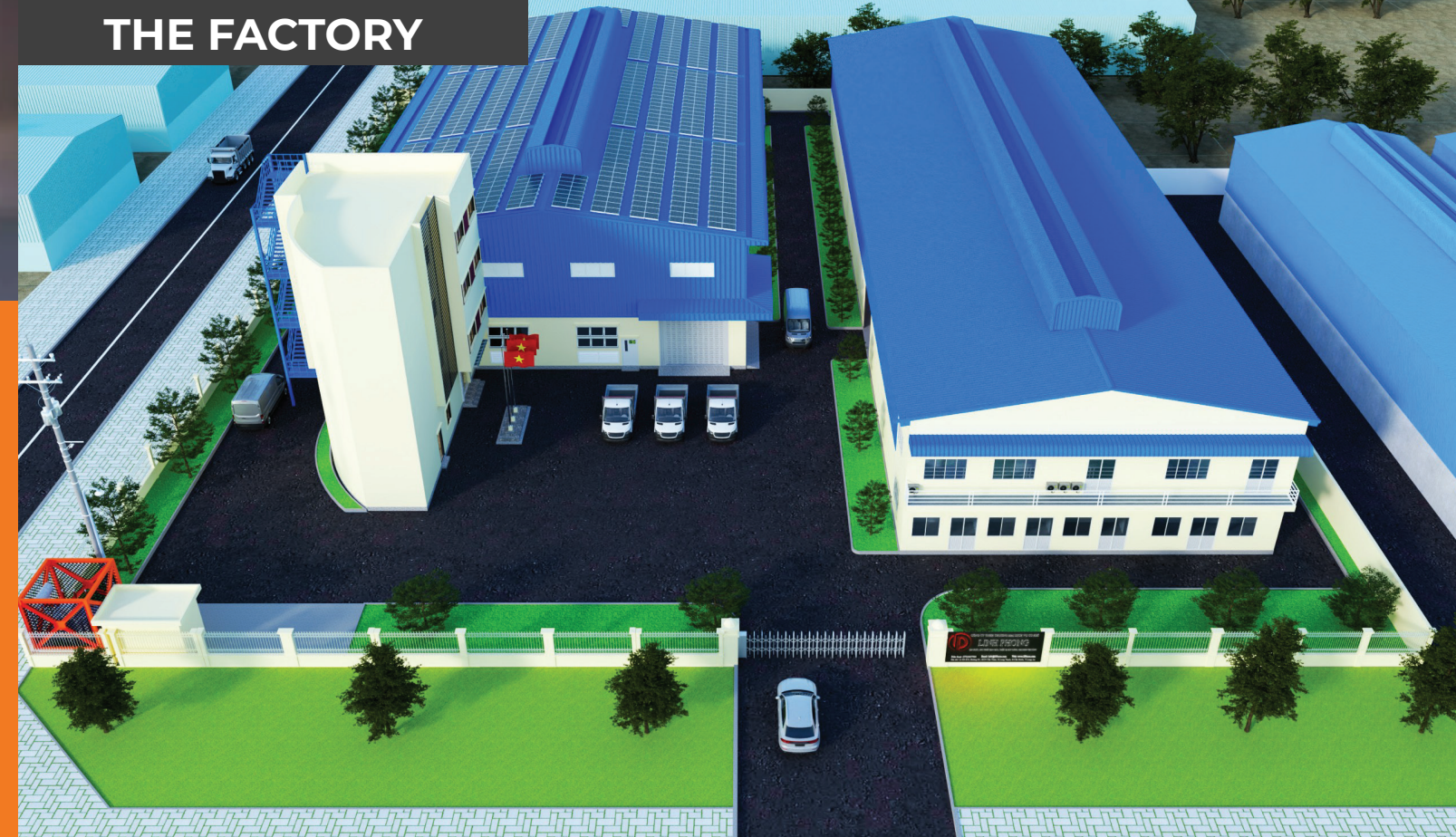
**LOGISTICS & DELIVERY
SUPPORT**



FACTORY 2

INFRASTRUCTURE

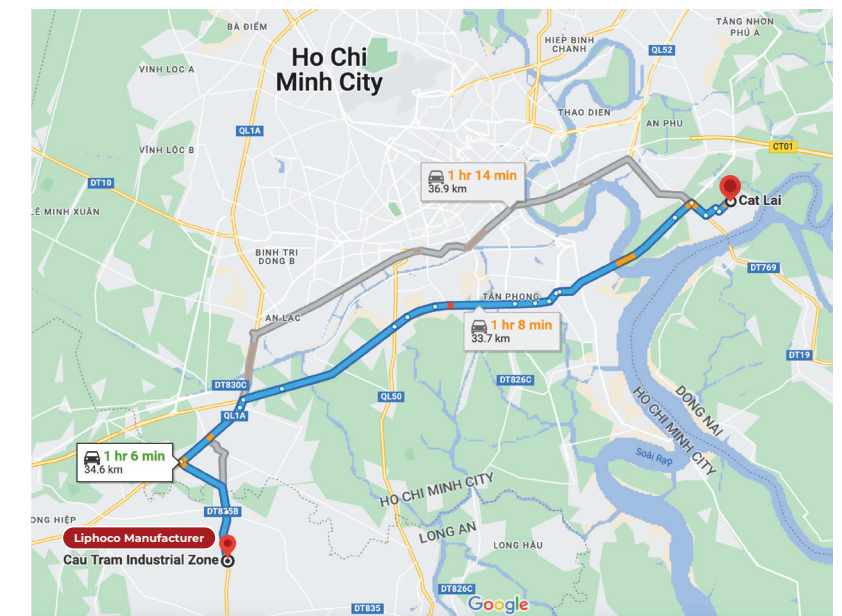
THE FACTORY



INFRASTRUCTURE

LIPHOCO's modern facilities and integrated logistics enable to-spec production and reliable delivery. We continuously upgrade equipment, processes, and QA to raise quality and shorten lead times

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 ~40 km from Cát Lái Port, our sites connect 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



INFRASTRUCTURE

MANUFACTURING PLANT



INFRASTRUCTURE

WAREHOUSE SYSTEM



LIPHOCO operates an 11,000 m² factory with modern equipment, enabling output of up to 30 containers per month (mix-dependent). We can scale further through additional shifts and parallel lines to meet growing demand



Our warehouses hold more than 5,000 metric tons, supporting high-volume shipments with consistent, on-time fulfillment





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



WELDING SYSTEM

ADVANCED AND VESATILE 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 02

Workable Material

- Carbon Steel
- Stainless Steel
- Aluminum
- Copper



LASER WELDING MACHINES

QUANTITY 03



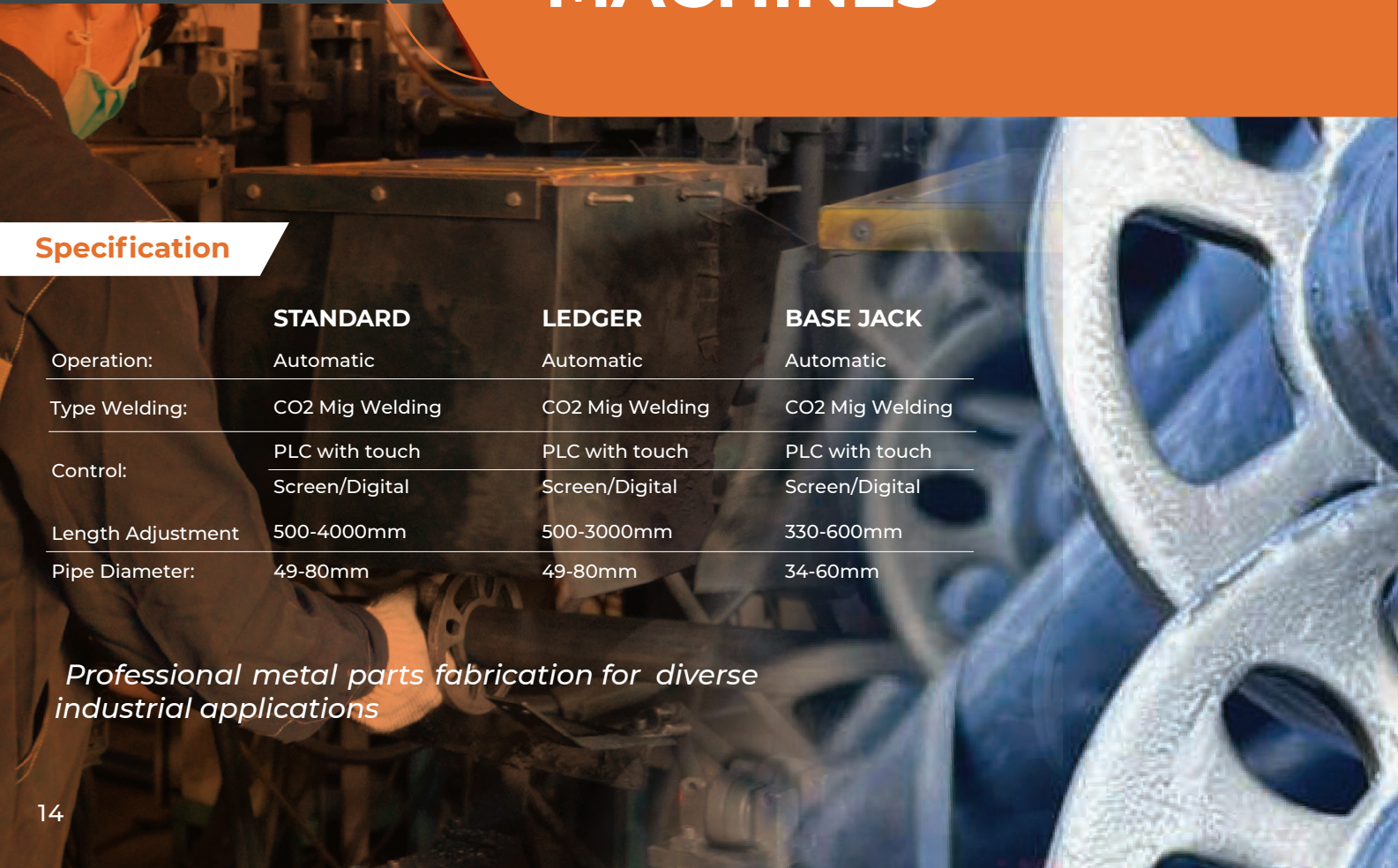
RINGLOCK WELDING MACHINES

QUANTITY 09

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



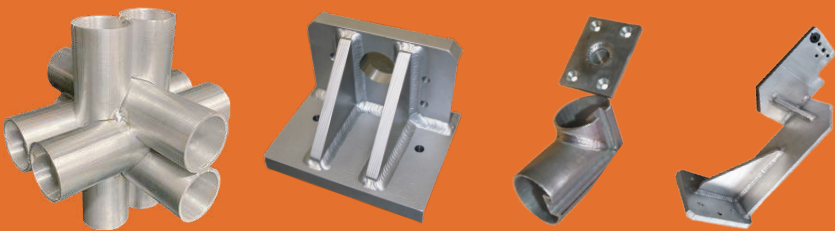
Workable Material

- 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		Workable Material
Power Welding Laser:	3000 - 12000W	Stainless Steel
Cutting range (max):	+ Sheet : 6000 x 2000 mm	Aluminum
	+ Tube : D220 x 6500 mm	Copper
Cutting thickness (max):	+ Steel 1-25 mm	Mild Steel
	+ Sus 1-14 mm	

- ✓ Smooth, Clean-Cut Edges
- ✓ High Precision
- ✓ Cost Efficiency
- ✓ High Throughput

Fully automatic without manual intervention from material feeding to cutting completion

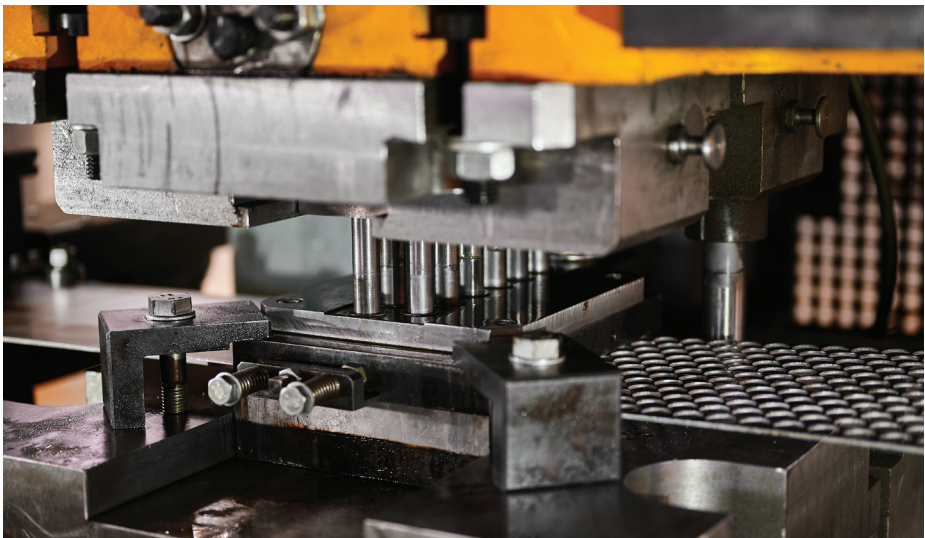
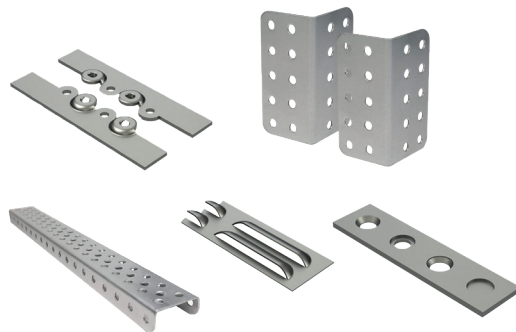


PUNCHING MACHINES

QUANTITY 04

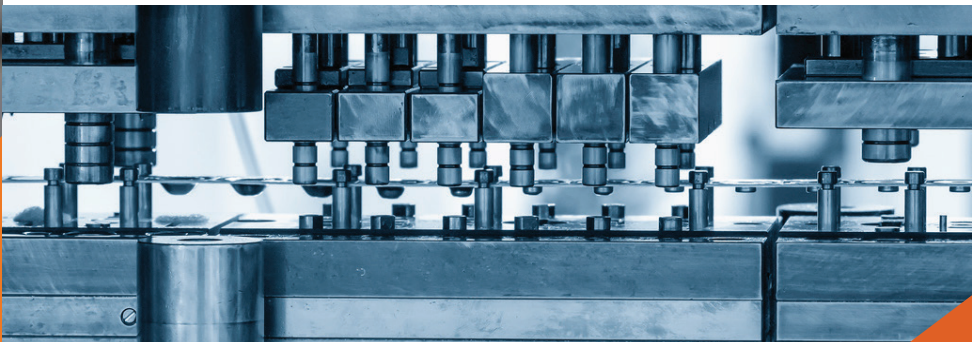
EFFICIENT PRODUCTION OF CUSTOM METAL PRODUCTS

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



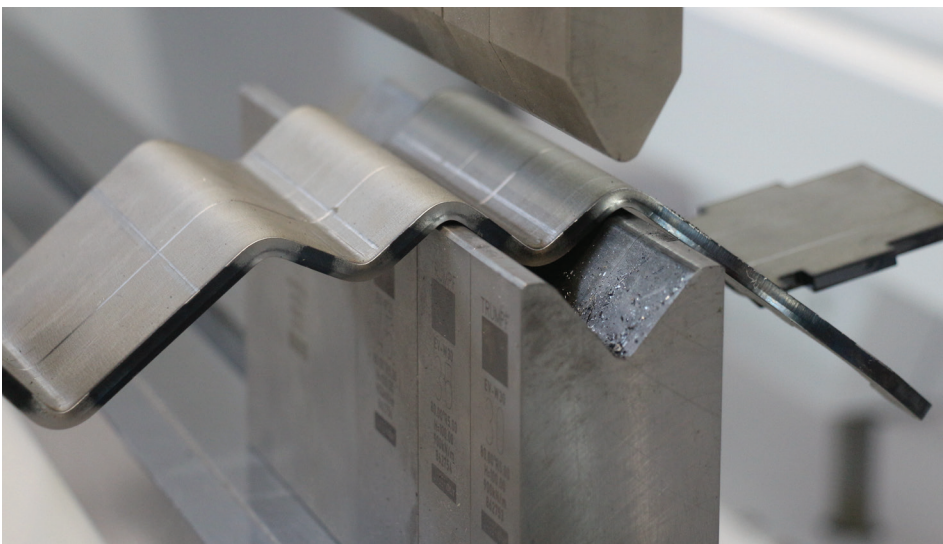
Workable Material

- Stainless Steel
- Aluminum
- Copper
- Mild Steel



PRESSING MACHINES

QUANTITY 04



CUSTOM PRESSING FOR COMPLEX PARTS

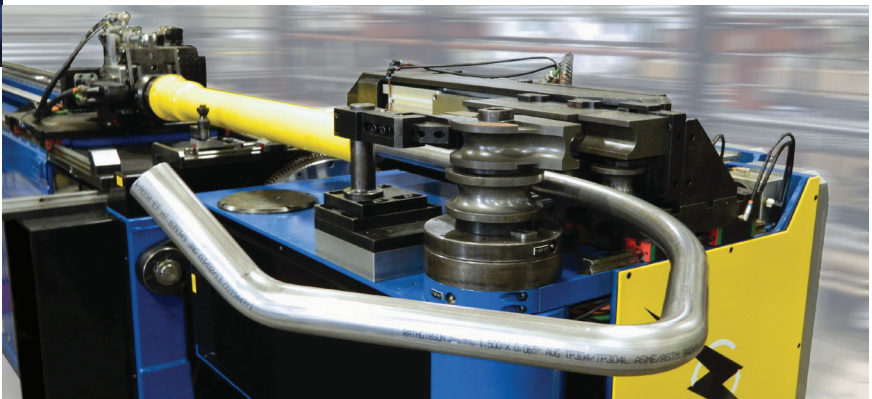
We keep pressing operations on schedule with careful planning. Our flexible setup allows customized bends and complex shapes while maintaining consistent quality. These capabilities ensure we meet strict customer requirements on every order

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

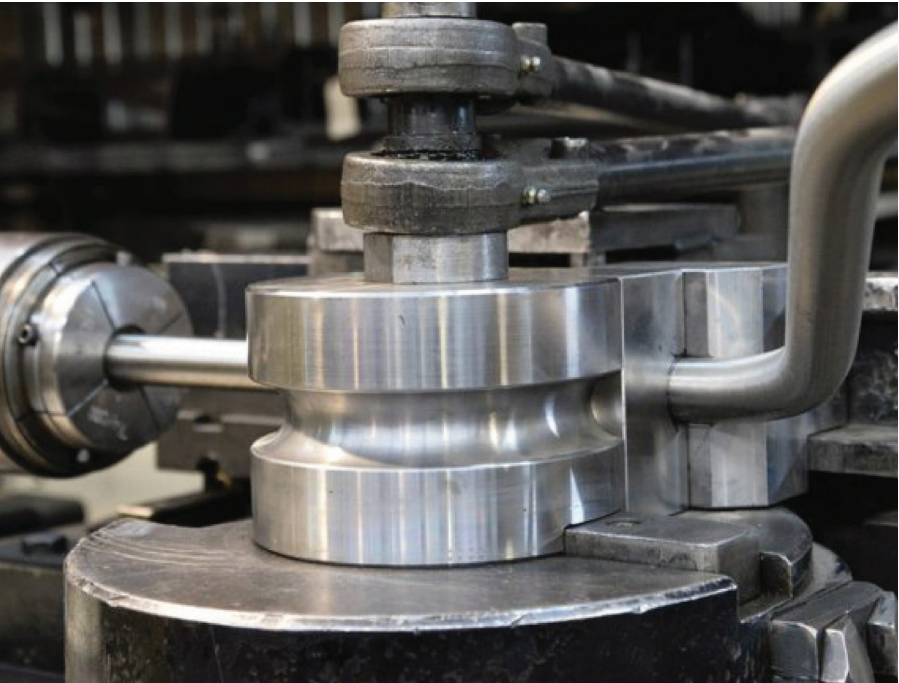


Specification

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: 100 m in length and automatically controlled by an inverter.
- Gas heating system with an Italian electric head, which is also automatically controlled
- Dimensions of the paint frame (DxRxH): 6x1, 6x3 m
- Maximum Product Size (DxRxH): 4x1x2 m
- Maximum Capacity: 500 m2/day

Workable Material

- Mild Steel/Copper
- Stainless Steel
- Aluminum



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



MILLING - DRILLING LATHE MACHINES

QUANTITY
05



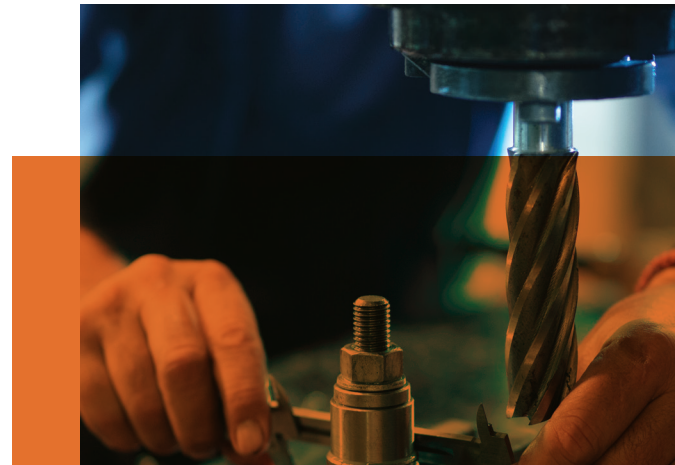
EXPERIENCE & EXPERTISE



CREATIVITY & INNOVATION

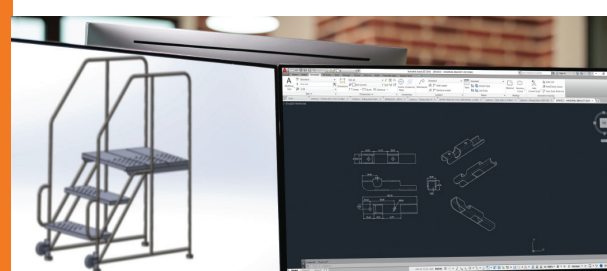
At LIPHOCO, we meet unique customer needs with customized manufacturing and practical engineering support. Our experienced team adapts to different specifications, materials, and volumes to deliver to-spec parts and assemblies

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



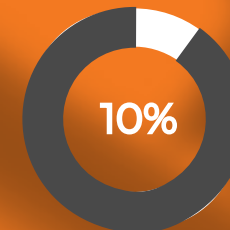
STRONG CUSTOMER SUPPORT

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

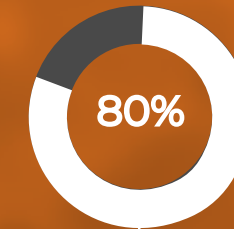


BUSINESS SEGMENTS

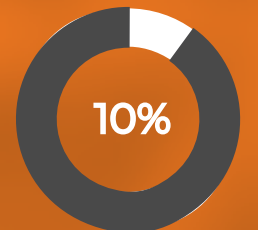
RINGLOCK SCAFFOLDING



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



OEM

HEAVY DUTY CART



Double Platform Cart



Lumber Cart



Heavy Duty Platform Cart



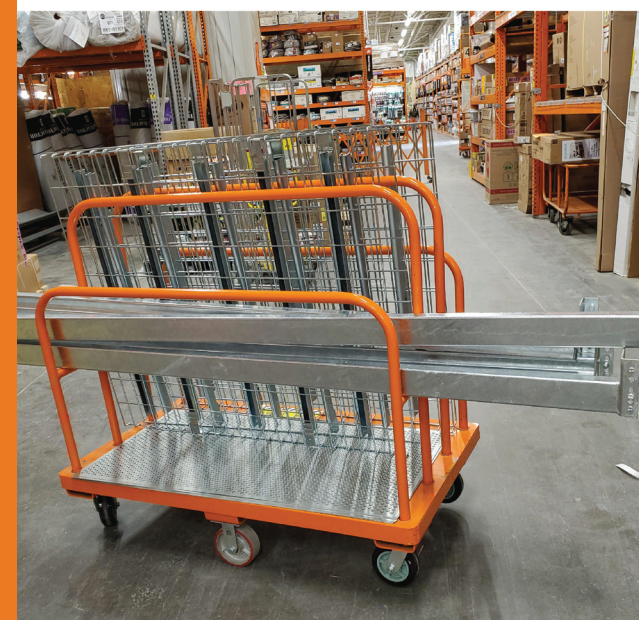
Fork Deck Maintenance Platform



Heavy Duty Paint Bucket Cart



Heavy Duty Door Cart



OEM

HAND TRUCK



Heavy Duty Fridge Hand Truck



Easy Tilt Curved Back Hand Truck



Pram Handled Hand Truck

OEM

TROLLEY



Double Deck Platform Stock Trolley



Order Picking Trolley



Galvanized Double Bread Crate Dolly

OEM

LIFT SCISSOR TABLE



Spring Level Loader Lift Table



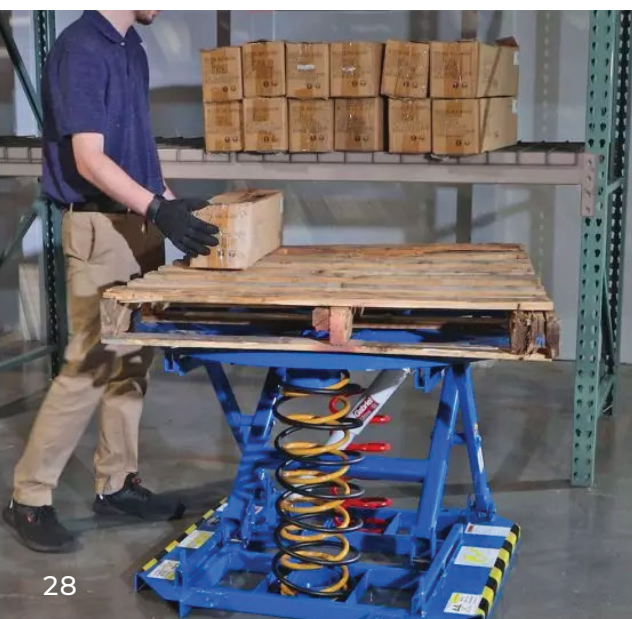
Scissor Lift Table

OEM

CONVEYOR TABLE



Conveyor Table



OEM

ROLLING LADDER



3 Step Lock Folding Rolling Ladder



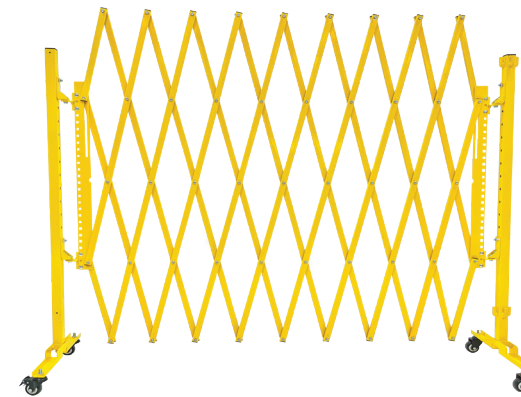
3-Step Tilt and Rolling Ladder



Cantilever Rolling Ladder

OEM

GATE & FENCE



Single Folding Security Gate



Interlocking Event Barricade

OEM

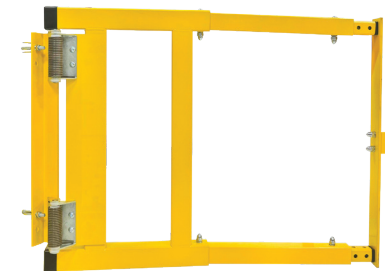
FIXED LADDER



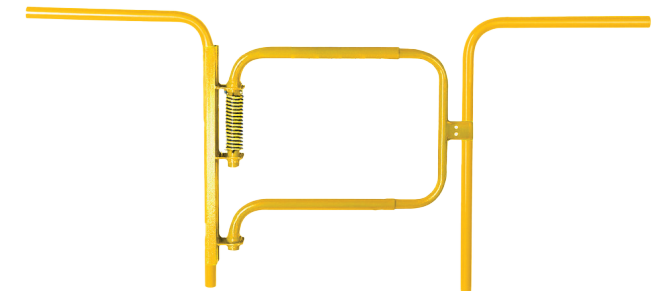
Vertical Fixed Ladder With Safety Cage

OEM

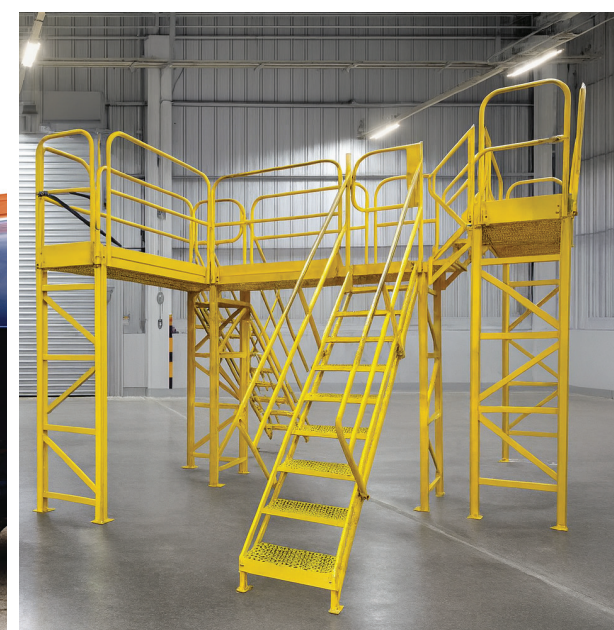
SAFETY GATE



Self-Closing Safety Gate



Adjustable spring 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

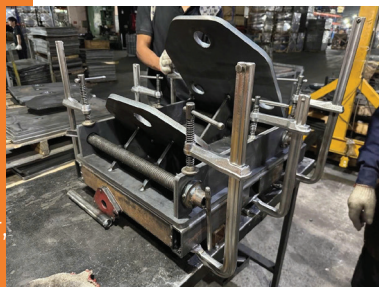


HEAVY DUTY PIPE ROLLER

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

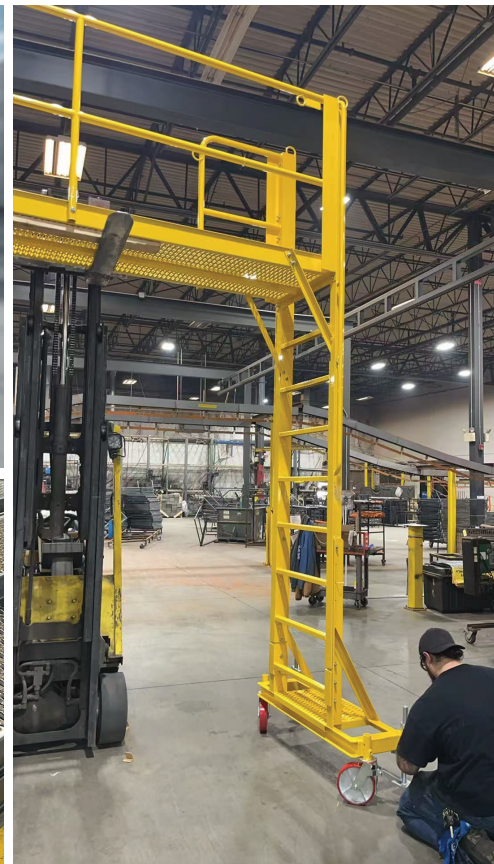


WORKING PLATFORM LADDER

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

EN128
European Standard
Certification

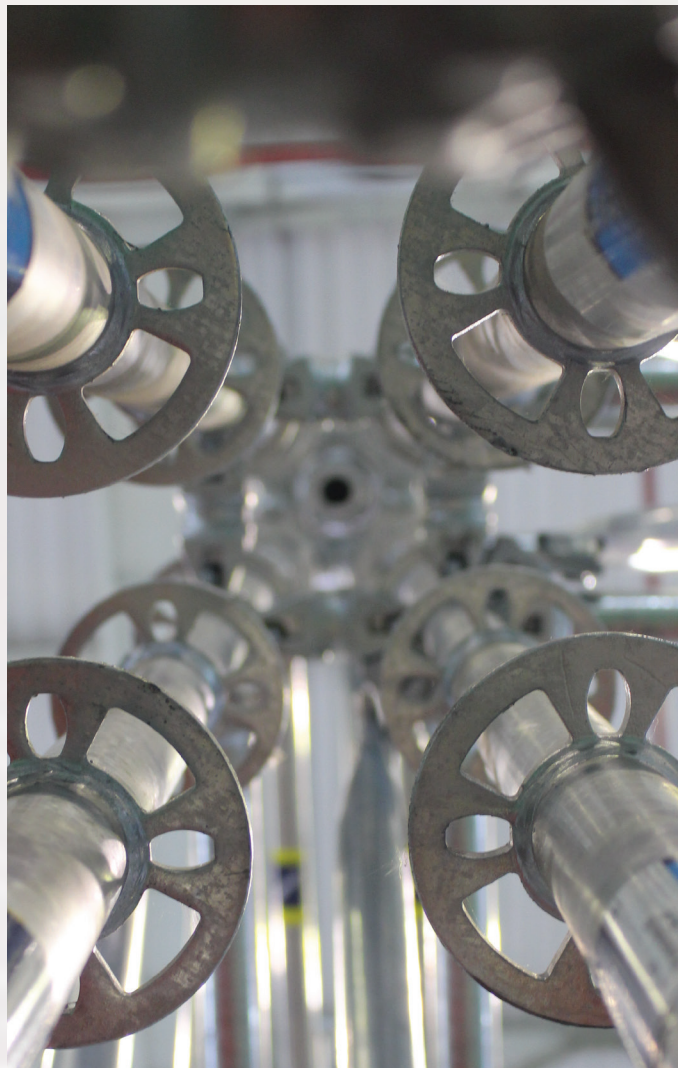
Made in Vietnam



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



LANMARK 81
SOUTH HOI AN CASINO
DIAMOND ISLAND
GARDEN CITY
DIAMOND LOTUS
FPT TOWER
SAO DAU FACTORY



CERTIFICATIONS & QUALITY STANDARDS



EN128



ISO 9001 In Progress



TRUSTED WORLDWIDE





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