LAS TECH VINA

COMPANY PROFILE

2026.09 / EN

Precision FPCB dies. From tooling to production.

Drawing review, die machining, press production and inspection.
Explore manufacturing at LASTECH VINA.

PIERCING / PINNACLE / SUS·KT / COMBI / COMPOUND

Binh Xuyen Industrial Park, Vietnam

LASTECH VINA

Discover LASTECH VINA

Our company, people, products, equipment, processes and quality at a glance.

FPCB PRECISION TOOLING

01 **Company & Capabilities** 03-07

Profile · History · Organization · Workflow · Applications

02 **Die Products** 08-13

Piercing · Pinnacle · SUS & KT · Combi · Compound

03 **Equipment & Production** 14-18

Manufacturing equipment · CS presses · Thomson press · Punching examples

04 **Process, Quality & Contact** 19-22

Manufacturing process · Measurement and inspection · Workspaces · Contact

Connecting tooling and production

FPCB die manufacturing and press production in Vietnam.

LASTECH VINA is a precision tooling company in Binh Xuyen Industrial Park, Vietnam. Our work centers on FPCB dies, alongside semiconductor tooling, press dies and FPCB outline processing. We connect die component machining, assembly and inspection with delivery and after-sales service (A/S).

2019
Company established

9
Wire cutting machines

2
NSD Super Drills

29
CS presses

Company	LAS TECH VINA
CEO	안정완
Established	2019.09.09
Business areas	FPCB dies · Semiconductor tooling · Press dies · FPCB outline processing
Location	Binh Xuyen Industrial Park, Vietnam
Tax ID	0108889306

Our experience. Our principles.

Key milestones and the principles that guide our manufacturing work.

2019.09.09

INEX BINA established

Vietnam company established and operations launched

2020.02.17

Renamed INEX VINA

Die and electronic component manufacturing operations developed

2023.11.09

Renamed LAS TECH VINA

Precision die manufacturing and FPCB processing operations

Start with the drawing

Review manufacturing conditions against product data and requirements.

Check in the workshop

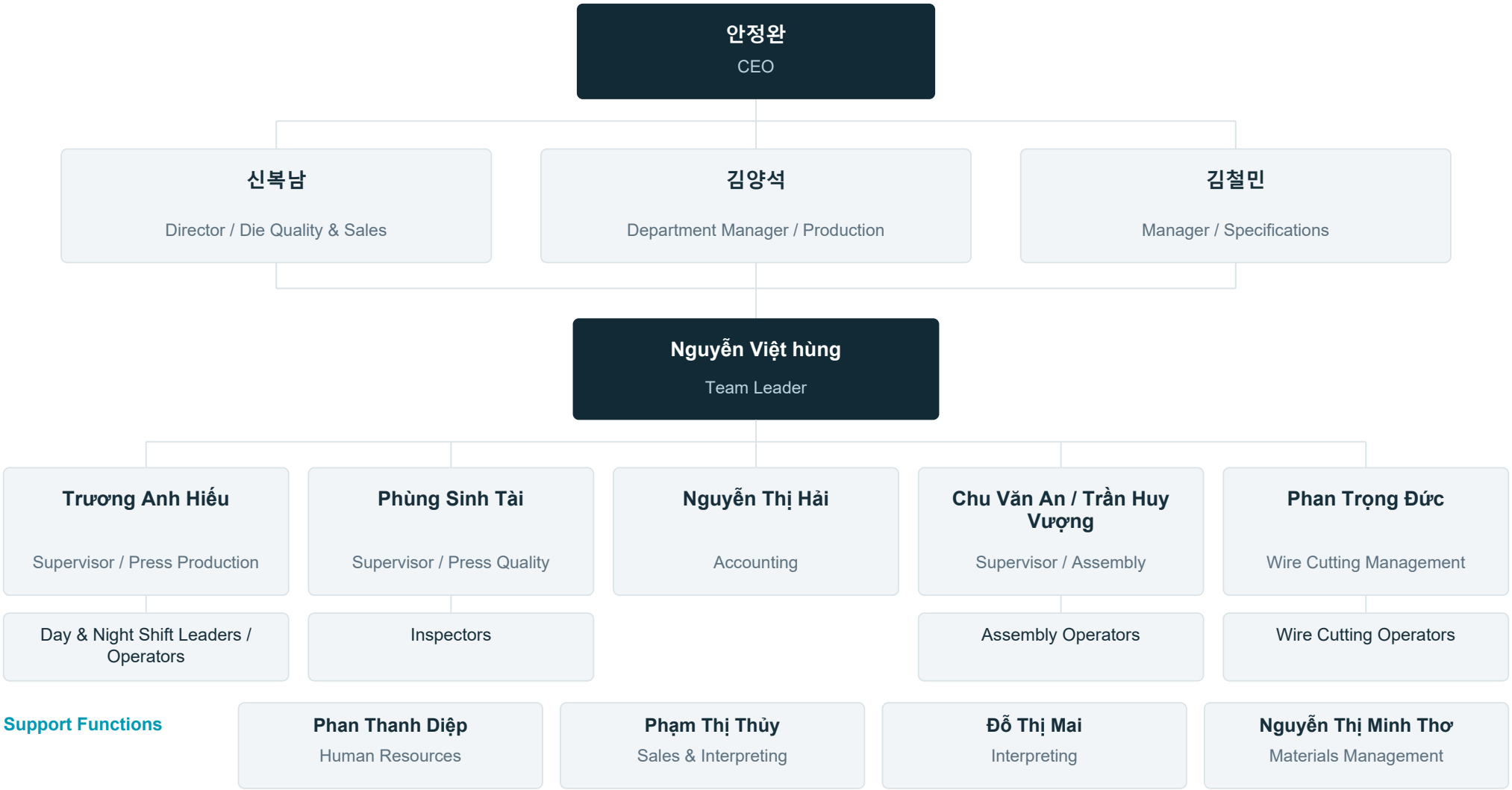
Inspect and trial-punch after machining and assembly to check die operation and results.

Act on user feedback

Apply feedback and A/S requests to manufacturing and maintenance after delivery.

People with connected roles

Bringing together die quality, production, specifications and factory operations.



From a drawing to a finished die

A connected workflow from machining and assembly to inspection and after-sales support.

01 Drawing & Specification Review

Check product data, material, thickness and operating conditions

02 Die Component Machining

Wire cutting, hole machining, grinding and milling

03 Finishing & Assembly

Finish machined components and assemble the die

04 Inspection & Trial Punching

Check dimensions, operation and punching results

05 Delivery & A/S

Deliver the die and receive user feedback

Heat treatment is outsourced. The detailed machining sequence and manufacturing conditions are reviewed for each product's specifications.

Small connections. Broad possibilities.

FPCB connects components and circuits inside electronic devices.

MOBILE

Mobile devices

Flexible circuits connect components inside compact, complex devices.

NOTEBOOK

Notebook computers

FPCB connects displays and electronic components within limited space.

CAMERA

Cameras

FPCB supports compact electronic functions in applications including autofocus cameras.

Graphics illustrate FPCB applications and do not represent supply relationships with specific brands or customers.

Five families of FPCB dies

Specifications agreed around part geometry, material, equipment and operating conditions.

01

Piercing Dies

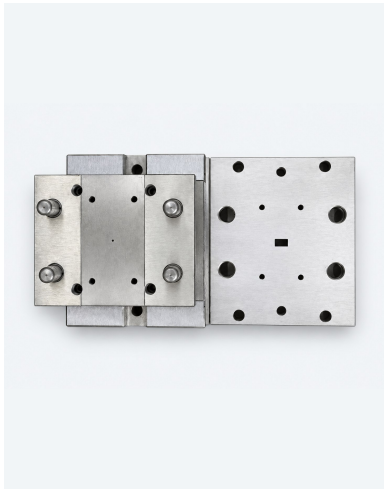
Drawing and punching condition review

02

Pinnacle Dies

Part geometry and material review

03



SUS & KT Dies

For automatic applicators

04

Combi Dies

Die structure and punching condition review

05

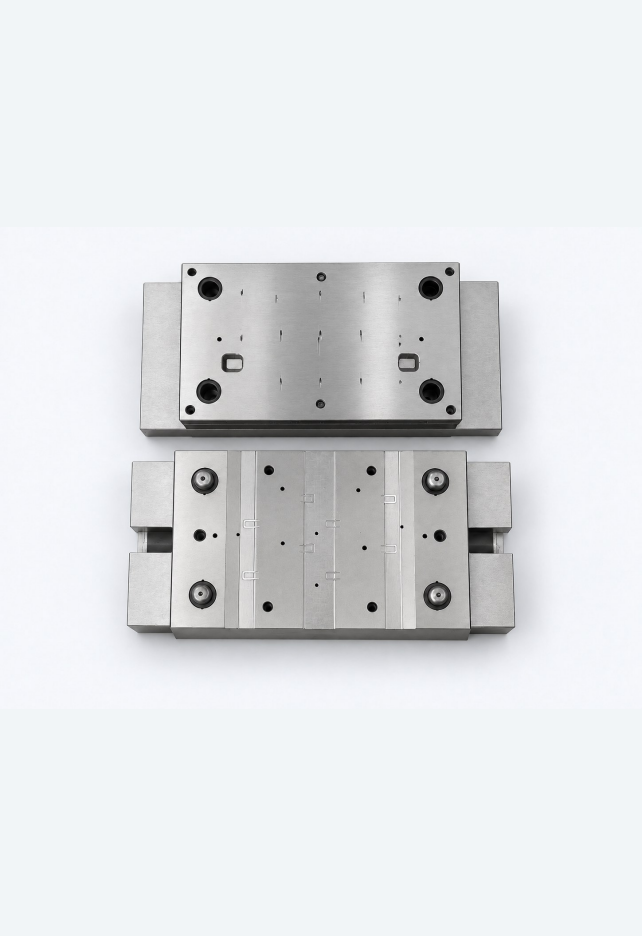
Compound Dies

Knockout type

Product images are based on company-provided photographs. Geometry, dimensions and manufacturing scope are agreed for each order's drawings.

Piercing Dies

Precision dies specified around product drawings and punching conditions.



01 / PIERCING

Piercing die specifications are reviewed against product drawings and punching conditions. We check the equipment, material, thickness, key features and requirements together.

Before Manufacture

Product data / Material & thickness
Operating conditions / Key requirements

Product images are based on company-provided photographs. Geometry, dimensions and manufacturing scope are agreed for each order's drawings.

Pinnacle Dies

Specifications agreed after reviewing part geometry and material conditions.

02 / PINNACLE

Pinnacle die specifications are agreed around part geometry, material and thickness. We review the outline in the drawing and the processing conditions before manufacture.

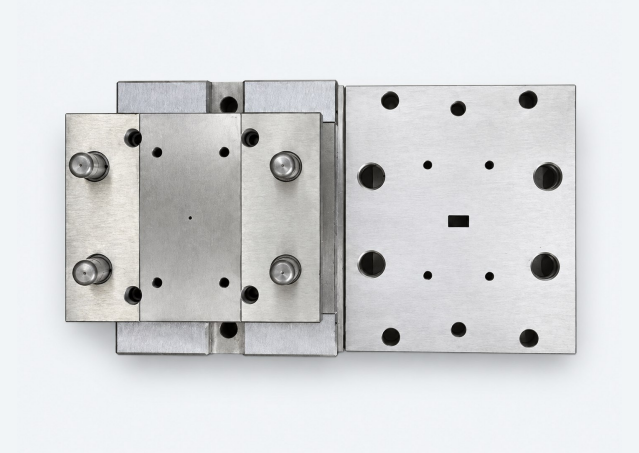
Before Manufacture

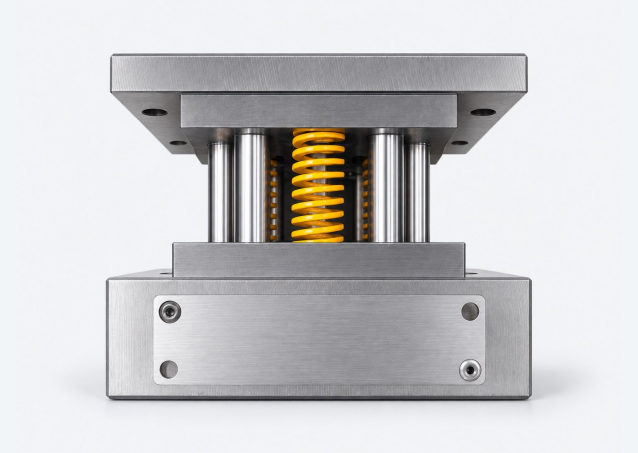
Product data / Material & thickness
Operating conditions / Key requirements

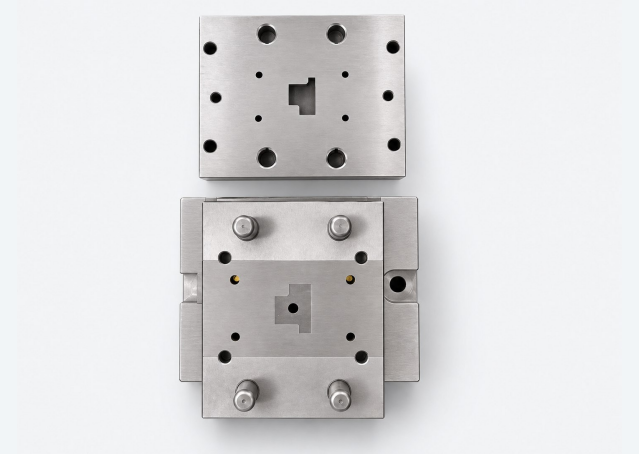
Product images are based on company-provided photographs. Geometry, dimensions and manufacturing scope are agreed for each order's drawings.

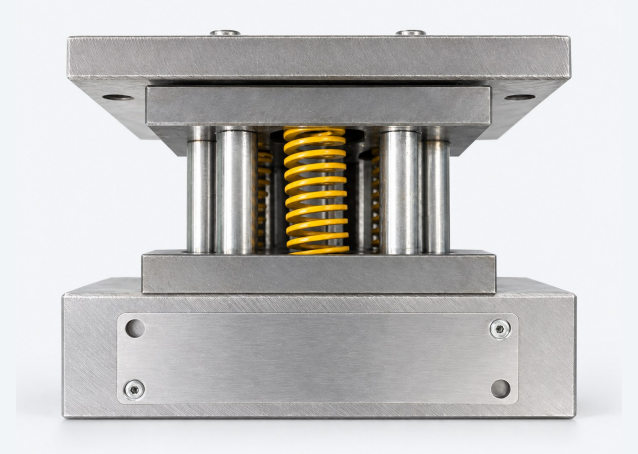
SUS & KT Dies for Automatic Applicators

Equipment and application conditions reviewed together.









03 / SUS / KT

SUS and KT dies form a product family for automatic applicators. Specifications are agreed around the equipment, product drawings, material, thickness and application conditions.

Before Manufacture

Product data / Material & thickness
Operating conditions / Key requirements

Product images are based on company-provided photographs. Geometry, dimensions and manufacturing scope are agreed for each order's drawings.

Combi Dies

Manufactured around drawings, die structure and punching conditions.

04 / COMBI

Combi die structure and specifications are reviewed against product drawings and operating conditions. We check the punching profile, equipment and key requirements to agree manufacturing conditions.

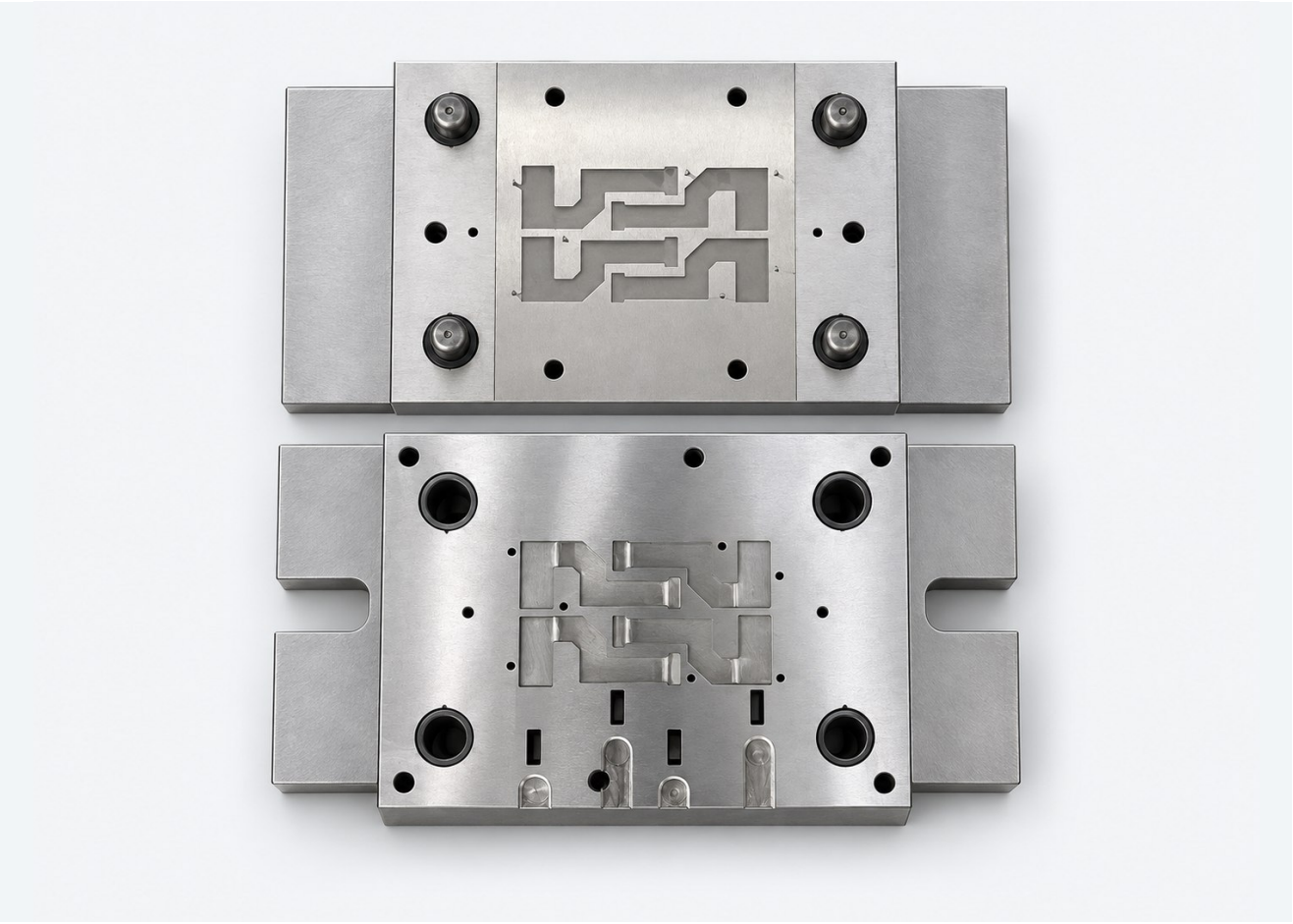
Before Manufacture

Product data / Material & thickness
Operating conditions / Key requirements

Product images are based on company-provided photographs. Geometry, dimensions and manufacturing scope are agreed for each order's drawings.

Compound Dies

Knockout type / Structure and specifications reviewed for the intended operating conditions.



05 / COMPOUND

Compound dies use a knockout structure. We review part geometry, material and equipment operating conditions together to agree the die structure and specifications.

Before Manufacture

Product data / Material & thickness
Operating conditions / Key requirements

Product images are based on company-provided photographs. Geometry, dimensions and manufacturing scope are agreed for each order's drawings.

Equipment for tooling and production

An overview of our die manufacturing equipment and production presses.

Die Manufacturing Equipment

Wire Cutting Machine	**9 units**	Die component profile machining
NSD Super Drill	**2 units**	Small-hole machining
Surface Grinder	**-**	Surface grinding
Form Grinder	**10 units**	Form grinding
Milling Machine	**3 units**	Initial component machining
Bench Drill	**5 units**	General hole drilling

Production Presses

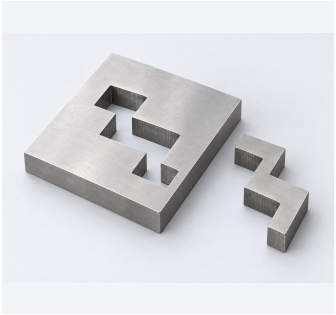
CS PRESS 35T	**6 units**
CS PRESS 45T	**21 units**
CS PRESS 60T	**2 units**
Thomson Press	**1 unit**

Quantities are based on company-provided information. Outsourced wire cutting equipment is excluded from owned quantities. Equipment and output images include illustrative examples.

Machining profiles and small holes

Wire cutting and NSD Super Drill machining.

Wire Cutting Machine 9 units



Processing example

Wire cutting equipment for machining the profiles of die components.

Profile-cut component

NSD Super Drill 2 units

Processing example

NSD drilling EDM equipment for small holes and wire-threading holes in die components.

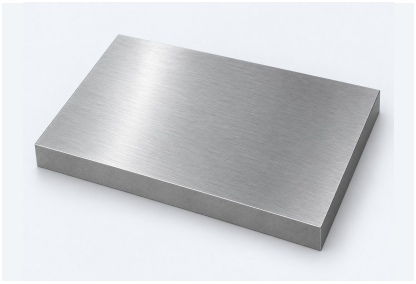
Small-hole machining

Quantities are based on company-provided information. Outsourced wire cutting equipment is excluded from owned quantities. Equipment and output images include illustrative examples.

Shaping and finishing die components

Grinding, milling and drilling prepare components for die assembly.

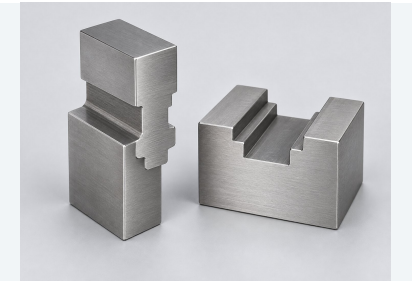
Surface Grinder



Surface-ground component

Form Grinder

10 units



Profile-ground component

Milling Machine

3 units

Milled base component

Bench Drill

5 units

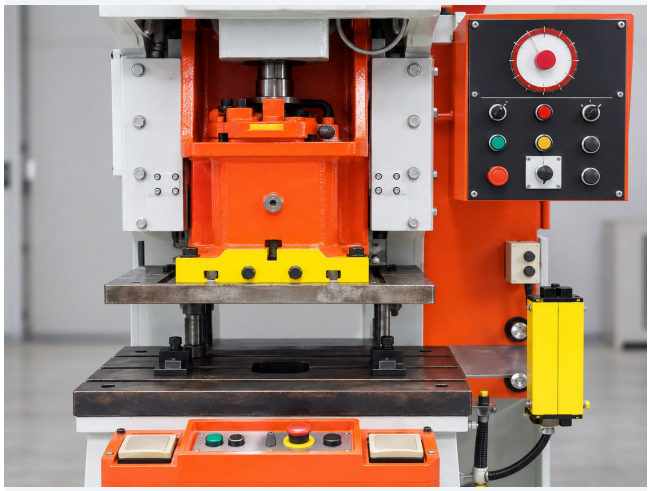
Drilled holes

Quantities are based on company-provided information. Outsourced wire cutting equipment is excluded from owned quantities. Equipment and output images include illustrative examples.

CS Press Production

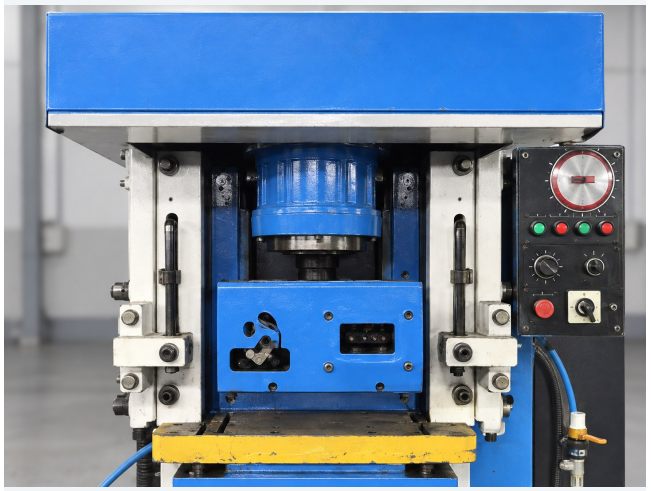
35T · 45T · 60T / A total of 29 CS presses.

CS PRESS 35T



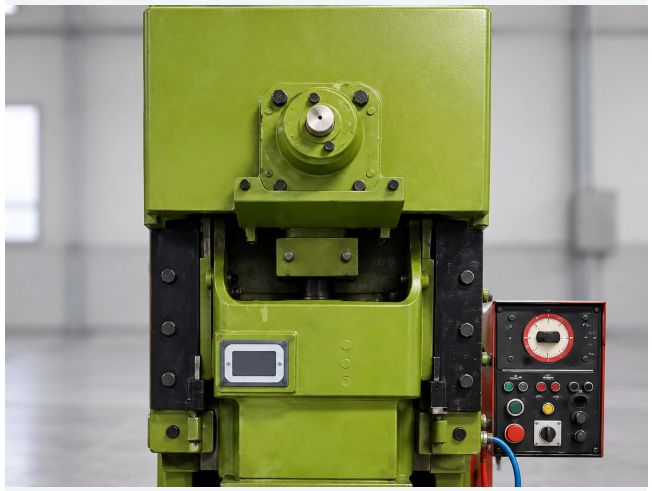
6 units

CS PRESS 45T



21 units

CS PRESS 60T



2 units

Our 35T, 45T and 60T CS presses are used for FPCB outline punching. Production conditions are agreed after reviewing part geometry, material, die structure and operating conditions.

The 29 CS presses and 1 Thomson press are counted separately. Shared punching examples do not indicate product assignments by press tonnage.

Sheet processing and punched parts

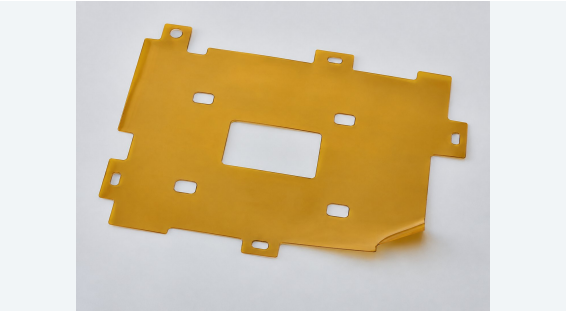
Thomson press and shared COV · EPOXY · KT · BONDING punching examples.

Thomson Press

1 unit

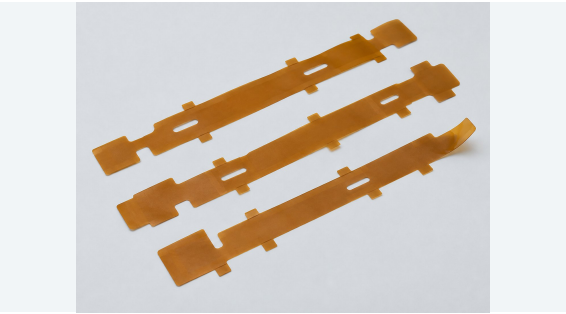
We operate 1 Thomson press for sheet processing and FPCB panel cutting with steel-rule dies. Processing conditions are agreed after reviewing product drawings and material conditions.

Shared Punching Examples

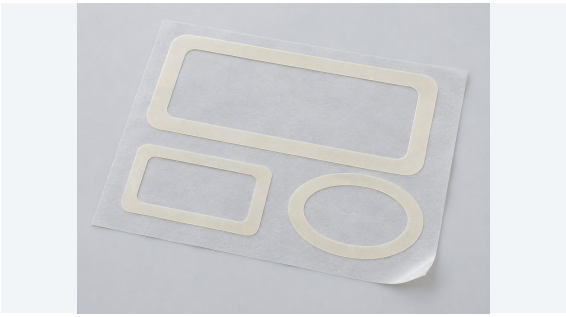


COV

EPOXY



KT

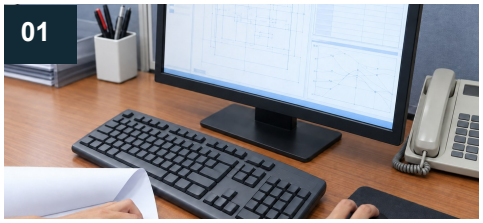


BONDING

COV, EPOXY, KT and BONDING are shared punching examples. They are not assigned to a specific tonnage or exclusively to the Thomson press.

From data receipt to delivery and A/S

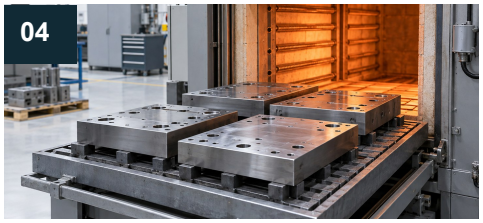
The die manufacturing process in 12 stages.



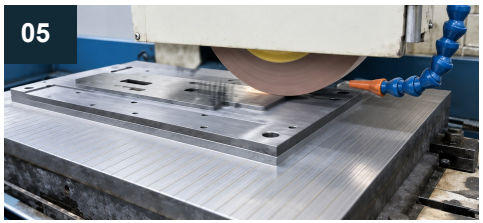
Data Receipt

Material Ordering

Basic Machining

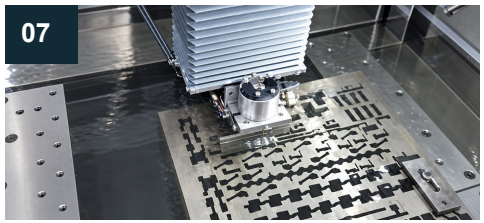


Outsourced Heat Treatment

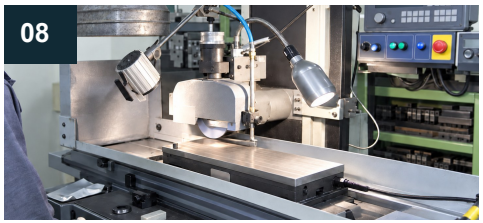


Surface Grinding

Super Drilling

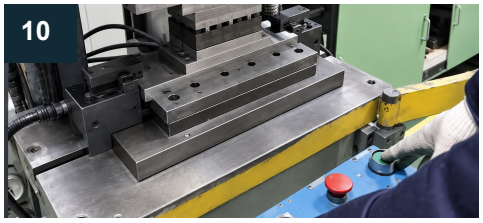


Wire Cutting



Form Grinding

Finishing & Assembly



Inspection & Trial

Delivery

After-sales Support

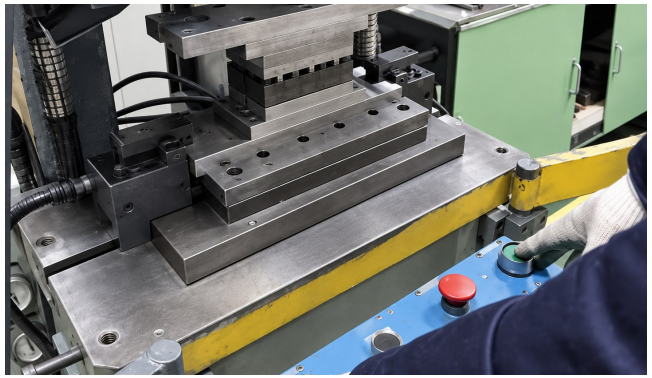
Visuals illustrate the manufacturing process. Heat treatment is outsourced, and user feedback after delivery informs manufacturing and maintenance.

Check, assemble, and inspect again.

Dimensions, assembly and punching results checked against drawings and requirements.

Dimensional Checks

Micrometers and other instruments are used to check die component dimensions.



Inspection & Trial Punching

Assembled dies are checked for operation and punching results.

Assembly & A/S

We check assembly condition and receive user feedback after delivery.

Measuring Instruments

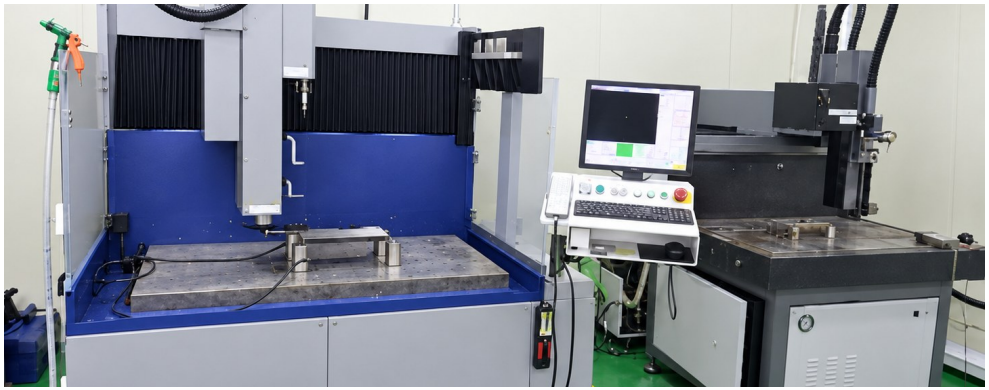
01 Micrometers
02 Digital calipers
03 Height gauges
04 Indicators
05 Dial gauges
06 Gauge blocks

Instrument types are based on company-provided information. Detailed inspection items and criteria are agreed against product drawings and requirements.

Workspaces for tooling and production

Explore our wire cutting, super drilling, die assembly and press workspaces.

Wire Cutting Room



NSD Super Drill Workspace

Die Assembly & A/S

Press Workspace

Images illustrate company workspaces and processes. Some are graphic representations of workshop activities.

LAS TECH VINA

LET'S BUILD TOGETHER

Plan your next die with us

Discuss die manufacturing and press production with your drawings and operating conditions.

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Prepare Your Inquiry

01 **Product drawings**
Product data in DXF, PDF or other formats

02 **Material & thickness**
Material type and thickness details

03 **Operating conditions**
Equipment, punching and application conditions

04 **Quantity & schedule**
Production quantity and target schedule

05 **Requirements**
Review priorities and other requests

Binh Xuyen Industrial Park, Vietnam

KCN Binh Xuyen, Huong Canh Town, Binh Xuyen District, Vinh Phuc Province, Viet Nam

Tax ID 0108889306