



## A TRADITION OF WOODWORKING EXCELLENCE

FURNITURE DESIGN

KNOCKDOWN SYSTEM CONVERSION

INSTALLATION

CUSTOM FABRICATION


This is who we are...  
We set the benchmark of woodworking











Your job is simple,  
**Imagine**  
While we do the  
hard part,  
**Create**





## BACKGROUND

At Nippo Tech we intersect the richness of creative disciplines, the vast and resourcefulness of modern technology and of different generations to create ergonomic, precise and unique pieces of contemporary furniture.

During our vast years of experience we evolved and started in 1993, we have grown and adjusted our strategy to the changing market's evolution, investing in our business' diversification and globalisation. It brought us closer to our vision to be one of the leading furniture in the country.

To deliver the highest possible standard of service and innovation, we study data, we crunch numbers, we continuously innovate. Our commitment to safety and sustainable furniture making is the basis for our actions: zero injuries, zero damage to goods, assets and the environment.

## ABOUT US & OUR CULTURE

# NIPPO TECH, ETHICAL, RESOURCEFUL, BREAKTHROUGH APPROACH, METICULOUS AND A PLEASURE TO WORK WITH.

Well known for our high quality standards since 1993, we go beyond outstanding craftsmanship and fabrication. At Nippo Tech, we manage each project from beginning through completion. We bring together the best specialist, artisans and technicians, and coordinate every phase of the process to ensure a smooth, trouble-free experience.

Our workshop is located at the newly developed Menganti - Surabaya covering more than 20,000 meter square with full smart technology system to provide you the most efficient process. That desire to design the objects people use in they're lives and lifestyle ignites our passion to

build the very best.

Nippo Tech were born and built in the market which ranges from direct consumer, sales from large and small contractors, a growing dealership network across JAPAN and other south east Asian countries.

In order to meet the demands of the market place, Nippo Tech has implemented a progressive diversification program to satisfy and pleased our customer. Our highly skilled and experienced engineer and management will help and guide you to decide among the range of options, with the assistance of our computer generated layouts and perspectives, in customizing

clients ideas to combine from our large selection of styles, colors, finishes and accessories.

Nippo Tech is maintaining the Management Control System to track down orders through each phase of the production process. The ability to communicate and to deliver our quality products on time without any delay is the foundation of our success.

We committed to have the best quality of products in the market to be on top of every project from selecting the right design and finishes through production, delivery, installation and aftercare service as per the international standards.

**"FOR US, VALUES ARE MORE THAN JUST WORDS."**





## Vision

To be "Asia's first and final answer to dependable quality product" and to provide excellence in all aspects of woodworking.

## Mission

- Meet the ever-changing needs of our customers
- Retain existing customer loyalty
- Broaden our customer base
- Constantly improve the operations of our mill and improve the quality of our products



OUR SERVICE

# The Promise of Perfection



## Hi-Tech & Systematic Furniture Making

We make use the advantage of technology to ensure on-time and precise delivery of goods.



## Smart Knock-Down System Conversion

We love practical engineering and we are the leader of knock-down design conversion.





## Product Installation

As a full commitment to our customer, we provide smart product installation to ensure perfection until the very end.



## Service Warranty

Sit down, relax, hassle free with our commitment to take care all of our products.

## OUR WOODWORKING LINE



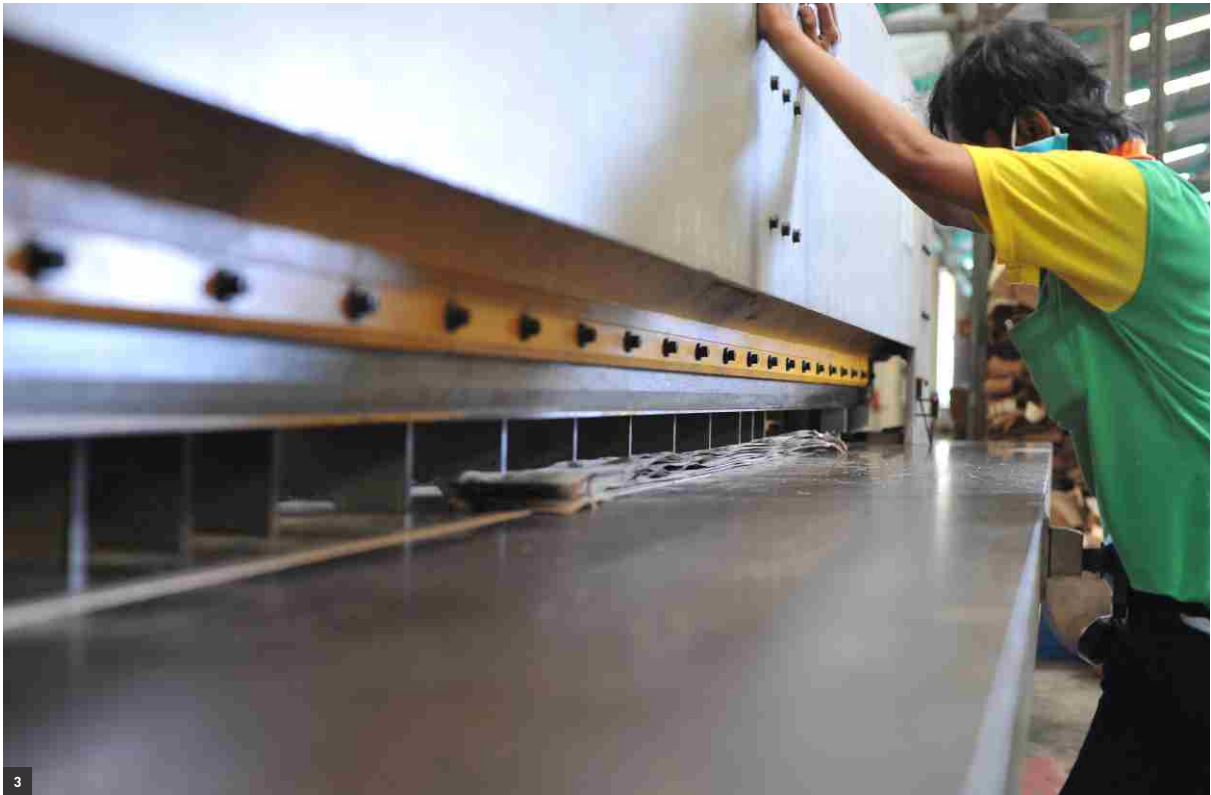
Material mastership is one of our strength and really made us on top of our competitors.

Processing our own raw materials, allows us to control our own quality standard and allow us to produce consistent result, that is what we called efficiency.

**Inset 1** Nippotech independently produce its own veneer. **Inset 2** Nippotech invested in the diamond head knife sharpener for the best result in veneer slicing.







**Inset 3** To maximise the joining results, Nippotech cuts the veneer with the 5 m wide blade by Casati - one of the best cutting machine in the world. **Inset 4** Carefully selection process for the veneer to make the perfect joint with the best color and fiber combination, resulting a seamless and subtle end result. **Inset 5** Joint reinforcing with "kuper" machine to make even more subtle connection.

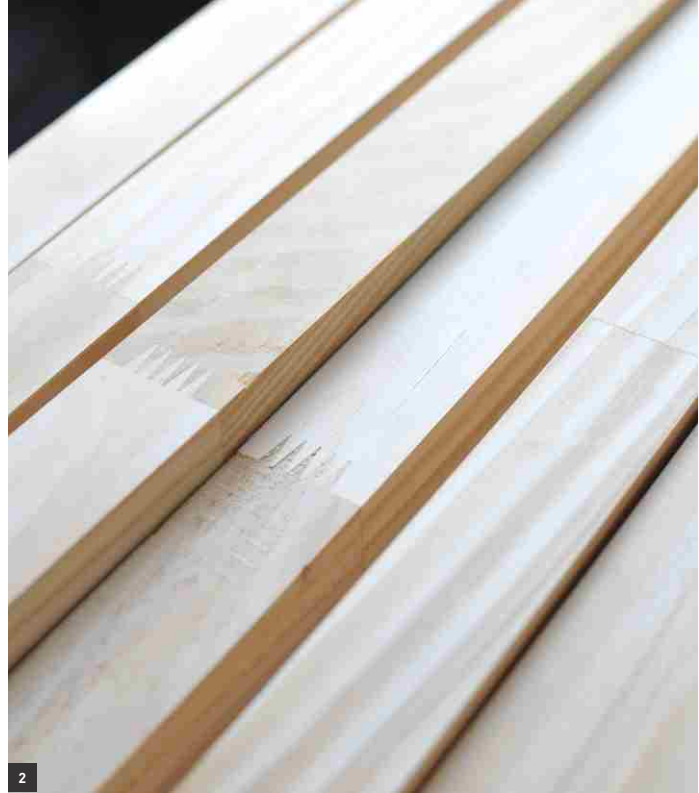
## OUR WOODWORKING LINE



Nippotech uses the finger joint core process method for the best construction result in terms of strength and durability, all done with german technology and machinery.







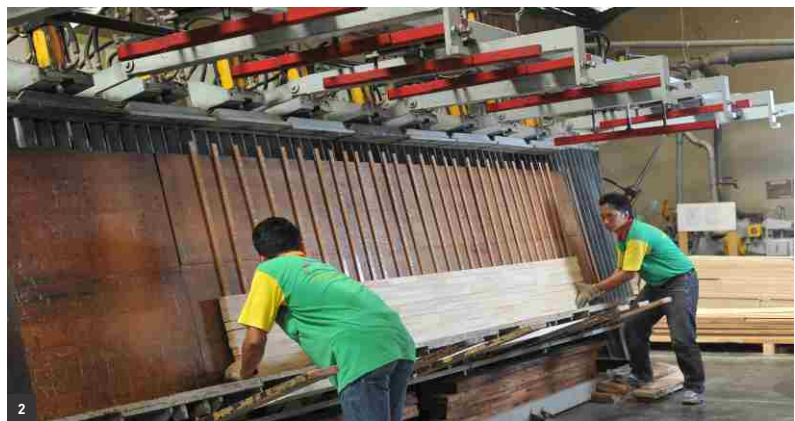
**Inset 1** Wood trimming for finger joint preparation. **Inset 2** Seamless finger joint results. **Inset 3** Moulding process to ensure precise size of finger jointed wood before stepping to the next process. **Inset 4** Manual inspection to ensure no tolerance on defect products.

## OUR WOODWORKING LINE

To complete the finger joint process, Nippotech perform the lamination process to set and carefully build the width dimension according to customers' request.



**Inset 1** Glueing process has an important role and the end result quality will be determined from this point of process.  
**Inset 2 & 3** Finger joint lamination performed with high precision machinery with  $\pm 1000$  kg weight pressure capability.







4

**Inset 4** Covering laminated finger joint board with veneer requires perfection in glueing application, this is the most important process on board / door making. **Inset 5** Nippotech make sure that the veneer used on top of the plywood has the same size with the board. **Inset 6** Very accurate heat and pressure with our hot press machine.



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## OUR WOODWORKING LINE



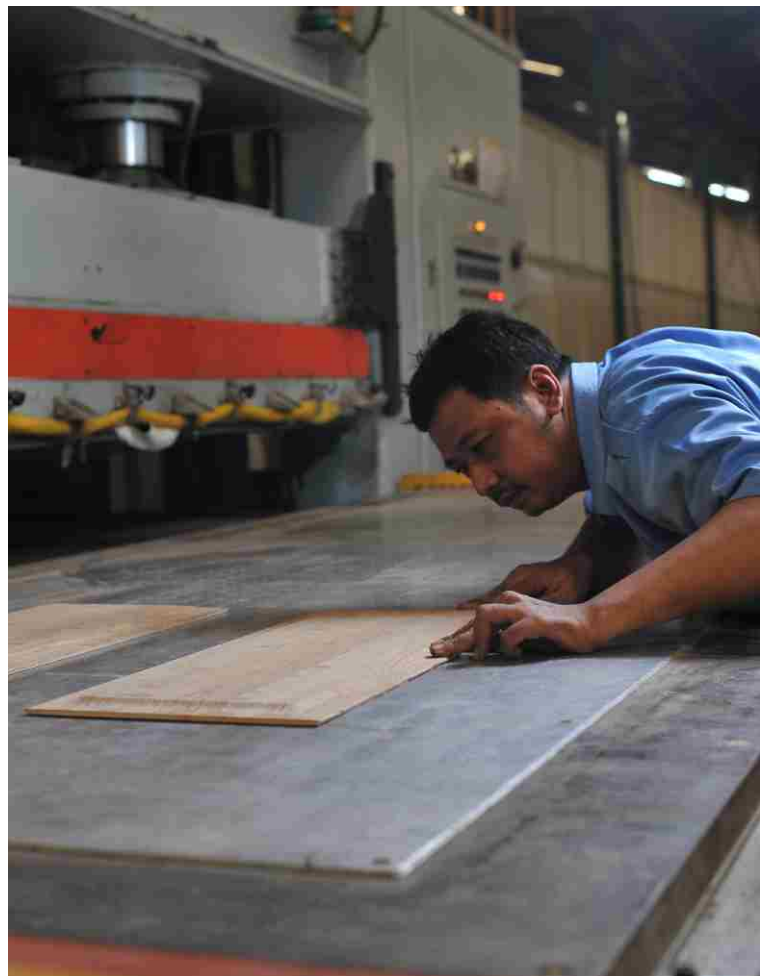
Cool press is performed to mount the plywood / mdf / with veneer lamination result from the hot press to the core.





Profiled mounting result from the membrane press process.

membrane press is a flexible surface press, performed to mount the top layer to a non flat profiled core material.



## OUR WOODWORKING LINE

Nippotech proudly present the state-of-the-art hi-tech CNC facilities. The sophisticated computerised cutting machinery allow us to do 3D carving and perform gravure arts to the core material. With the modern "interchangable" router head, the CNC process is very efficient and resulting in a very detailed arts. Nippotech's CNC cutting ability is not limited to X, Y axis only, instead our CNC machine can perform cuts in Z axis.







1



2



3



4

**Inset 1** Fully automatic sanding machine for perfect and fast results. **Inset 2,3 & 4** Manual sanding is performed as form of human inspection for quality control as well as detailing process.

## OUR COATING LINE



**Inset 1** Early quality checking of the product before entering the coating machine. **Inset 2, 3** A water flow PU coating method, to maximise and ensure cleanliness, dust free, and to maintain the proper temperature. **Inset 4** Seasoning area with 25-28 degree Celcius for the best paint drying and drying result.







Nippotech use the fully automated UV line. The UV line is basically a conveyor consisting filler machine, sealer machine, sanding machine, and final top coating with option of high gloss piano coating or matte surface

Advanced piano sanding for the best flatness result.

## OUR PANEL LINE



Nippotech's lamination process is the beginning step of the panel line. Equipped with 900 kg capacity roller press machine, Nippotech laminates HPL, PVC sheet, paper sheet, etc.

Lamination process  
performed in a dust free  
concealed area for  
maximum product surface  
smoothness







One of the strongest feature on Nippotech's facilities is the wrapping process that allows Nippotech to wrap even the most difficult and detailed moulds, using materials such as PVC sheet, veneer and paper sheet, etc.

## OUR PANEL LINE

Nippotech's cutting facility by Giben, brought precise and various results, and the best part is its fully automated. Giben brings the highest efficiency of a cutting machine in the world. The cutting machine can perform many cuts within just one material board.







The box press machine by Burkle is flexible and could be used for pressing more than 1 variation size on every single process.

Up to 4 kinds of variations can be accommodate on a single pressing session.



## OUR PANEL LINE

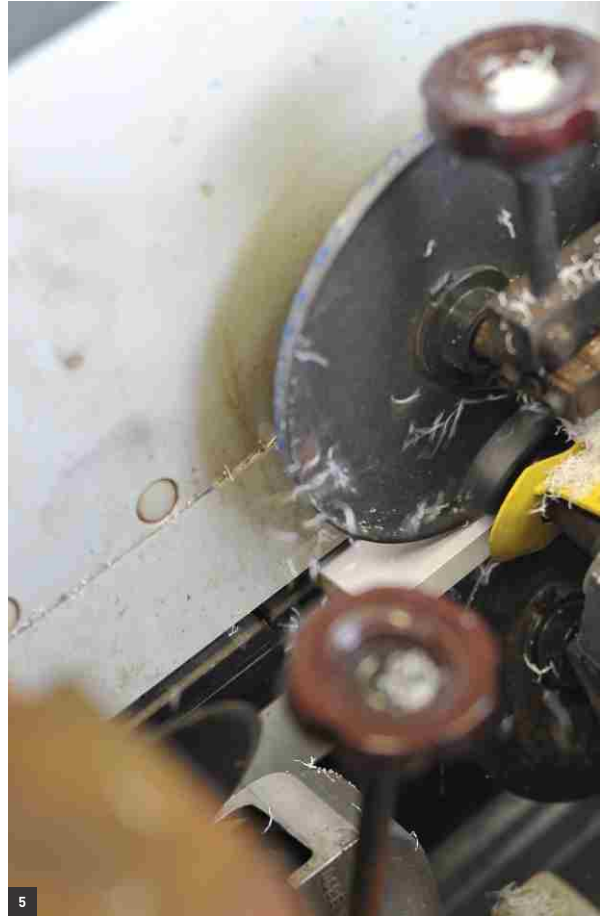


The four side edging machine by Homag is a breakthrough technology in the world of woodworking automation, and Nippotech's paneling line is now more effective than ever. On the average speed, the four side edge machine can process the product from input to output, all in less than 2 minutes and with 6 seconds gap on each output panel results, all with four side edge finished perfectly. Within a single process the machine has the ability to process double side edging and double end cutting, that includes the trimming, cleaning, and cutting the excess edge.

**Inset 1** The Homag fourside edge machine spanning more than 50m on length. **Inset 2** Computerized material input feeder. **Inset 3** Edging material input. **Inset 4** Close up on excess edge cutting process. **Inset 5** Trimming process. **Inset 6** The auto-rotator mechanism.

It's the technology that revolutionize the woodworking industry.





## OUR PANEL LINE



Nippotech's Post & Soft forming is the facility that finishes an edging process with a degree profiling core while on the other hand, Nippotech's post forming is the facility that wraps around the core's edge from top to bottom.

Both soft and post forming facility of Nippotech are very accurate and resulting a material efficient products yet strong and durable. The core edge can be wrapped with veneer, hpl and pvc with a way much better bonding strength than a normal edge forming process.

**Inset 1** Soft & Post forming machine by Homag. **Inset 2** Close up on the post forming thermal heating to bend and mould the wrapping material. **Inset 3** Close up on the end line of post forming machine output. **Inset 4** Clean and sharp edges as the result of post forming process. **Inset 5** Close up on the soft forming output result.







## OUR PANEL LINE





Nippotech presents the most advanced drilling process facility. The drilling process is performed for the knockdown plan process. With a very precise and detailed drilling, our product construction can never go wrong. Our drilling process has the ability of horizontal and vertical drilling, with more than 100 brace and drill bits.

**Inset 1** A view from the input feeder angle. **Inset 2** Auto-rotating material mechanism. **Inset 3** More than 100 drill bits for horizontal and vertical drilling. **Inset 4** A view of the horizontal edge drilling.



## OUR COMMITMENT

"Your Satisfaction, Our Pride".

We are committed to manufacture high quality product and provide excellent service.

We pride ourselves on obtaining customer satisfaction.

In our factory Quality is  
Everyone's Responsibility.

We are committed to continuously improving our products, services to meet and exceed our customers' requirements.

► Rather than sending our high-performance blades for grinding and sharpening, we invested in the most reliable sharpening technology. We set our standard for sharp cuts at a very high level.





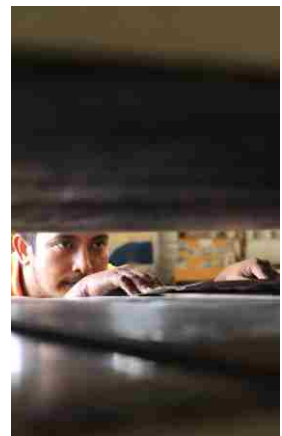
## OUR MARKET

We serve worldwide customers, clients and businesses. Reaching both local and worldwide markets proves our expertise and experience in fulfilling international high-end grade standards.



## OUR PEOPLE

The determination of all employees are vital to our continued success with the support of our clients, suppliers and other stakeholders with whom we work daily.



We value knowledge and we commit to it. Nippotech regularly send the supervisor and project leaders to Japan and German to an technology and educational session.

The backbone of our company, the Nippotech people management system, provides the structure to manage all of our services, with a

strong focus on Quality, Health, Safety, Environment and Security, with the overall aim to provide the optimal degree of service and to exceed our client's expectations at all times.

We consistently implementing our Green Policy and embedding risk management processes in our people.





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Partnership  
is in our  
genes...

This expresses both our business model and our corporate culture. Through strong partnerships with companies and a dedication to in-depth collaboration and experience-sharing, we seek operational excellence.















VISIT OUR WEBSITE:

**[www.nippotechs.com](http://www.nippotechs.com)**

A TRADITION OF WOODWORKING EXCELLENCE

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