

# Laser wood

## ABOUT US

Our company owned 35 subsidiaries & 1,300 warehouse distribution service outlets. We have 3 multilayer board production bases with 600,000cbm annual production capacity and 2 medium & high density board production bases with an annual production capacity of 100,000CBM.

The company produces plywood up to 50mm thick. Less wasteful plywood sizes, providing a more economical return standard size panels can be used for production when cutting size specifications are provided.

Laser technology: Vector Cutting, Vector Engraving (Surface Cut/Kiss Cut), Raster (Infill) Engraving.

Our Laser Plywood collection has been used in the Interior signage, 3D models, decoration, gifts, promotional items, personalised cards, app labs, DIY etc.

If you cannot find what you are looking for, please feel free to contact us to discuss your project scope and budget and we will always strive to remain competitive when supplying materials.

# Raw Materials

## Plywood

Core: poplar, birch, basswood, Eucalyptus & poplar



Combines lightweight characteristics with improved dimensional stability

- Elegant, smooth, matte surface
- Ideal for architectural model making, prototyping, giftware, toys, arts and crafts, furniture

## Mdf



Smooth surface quality

- Furniture grade MDF
- Homogenous fibre structure
- Great results even in fine-detail laser cutting due to high fibre density
- Ideal for architectural model making, prototyping, giftware, toys, arts and crafts

Sheet Size (mm): 2440x1220 , 920x920 , 1530x3050 or as request

Can cut to 20x20/ 20x30/30x30/40x40 /50x50 etc

Thickness (mm): 1.5 / 3 / 4 / 6 / 9 /12 / 15 / 18 / 24 / 30 / 36 / 40 / 48 / 50 etc

OEM: Acceptable, including CNC cutting, graphic design etc

Glue: P2,E0,WBP,E1

Certification: FSC,ISO9001,CE,CARB,ISO

### Birch plywood

Face/Back: Birch  
 Grade: B/B B/BB BB/BB B/C BB/C BB/CP etc  
 Core: Birch, poplar, Eucalyptus & poplar  
 Sheet Size (mm): 2440x1220, 920x920, 1530x3050 or as request  
 Thickness (mm): 1.5 / 3 / 4 / 6 / 9 / 12 / 15 / 18 / 24 / 30 / 36 / 40 / 48 / 50 etc  
 Glue: P2, E0, WBP, E1

### Basswood plywood

Face/Back: Basswood  
 Grade: B/B B/BB BB/BB B/C BB/C BB/CP etc  
 Core: Basswood, poplar, Eucalyptus & poplar  
 Sheet Size (mm): 2440x1220, 920x920, 1530x3050 or as request  
 Thickness (mm): 1.5 / 3 / 4 / 6 / 9 / 12 / 15 / 18 / 24 / 30 / 36 / 40 / 48 / 50 etc  
 Glue: P2, E0, WBP, E1

### Beech plywood

Face/Back: Basswood  
 Grade: B/B B/BB BB/BB B/C BB/C BB/CP etc  
 Core: poplar, Eucalyptus & poplar  
 Sheet Size (mm): 2440x1220, 920x920, 1530x3050 or as request  
 Thickness (mm): 1.5 / 3 / 4 / 6 / 9 / 12 / 15 / 18 / 24 / 30 / 36 / 40 / 48 / 50 etc  
 Glue: P2, E0, WBP, E1

## Certificate



CARB



CE



FSC

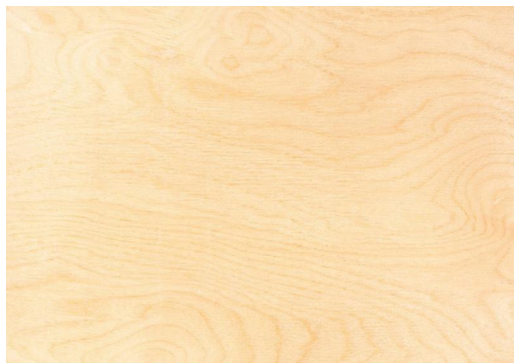


ISO



# Face / back Product Range

The surface can be sprayed with UV paint



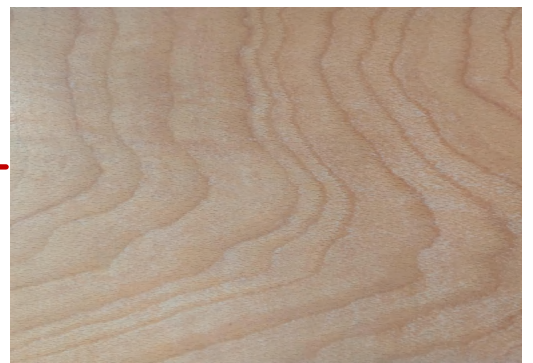
Birch



Basswood



Pine



Beech



Oak



EV



Okoume



Walnut

# Plywood grade description

## Birch / Basswood



## Application



4D Art



Alphabetical



Laser cut furniture



Custom laser engraving



Laser cut typeface



Packaging



## Laser Techniques

### CNC Machining

Key benefits

Cutting thicker and larger materials.

We can now offer bevel edging and countersinking.

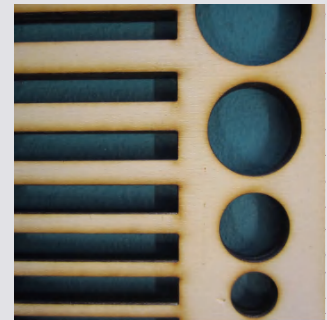
Different depth engravings.

Turnarounds to suit you, we adapt.



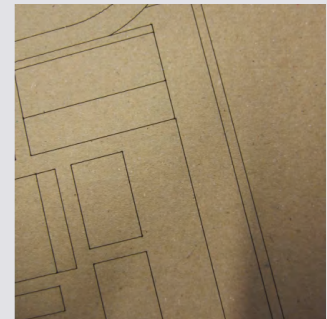
### Vector Cutting

Vector Engraving, also known as Surface Cutting or Kiss Cutting is a method of drawing onto the surface of the material. The laser's computer will follow the vectorline which you have drawn in the files to etch only the surface of the material.



### Vector Engraving

Vector Cutting is the most common application of laser machines. The laser's computer will follow the vector line which you have drawn in the files to cut all the way through the material you have chosen.



### Raster Engraving

Raster Engraving, also known as Infill Engraving is a method of marking the surface of the material of an area. The laser's computer will infill the shaped vector line which you have drawn in the files to etch only the surface of the material.

