Hardwood and Truck Deck Specialist
The Right Timber for the Right Products

Our Vision
Timber is Good, Timber is Green!
Regulated in the right way. Timber is one Greenest and Eco-Friendliest materials the earth provides.

Our Mission
Our mission is to become a leader in Indonesian Timber Industry specialized in Keruing for Truck Deck, Truck Floor, Trailer Deck and Truck Components by having zero defect and zero delay on delivery.

ABOUT US
Established in Indonesia, Buana Triarta is a Tropical Hardwood Manufacturer with integrated facilities including Saw Mill, Kiln Dry, Moulding along with a 12-meter-long Finger Jointing machinery. Our plant processes Keruing (Api Jong) and Bangkirai (Yellow Balau) Timber with each species having their own product-fociuses, namely Truck Deck, Truck Floor, Trailer Deck and Truck Components, other Industrial Products, as well as Residential Products.

As a Tropical Hardwood Manufacturer, Buana Triarta is committed to being a responsible Wood Working Industry. We ensure and source our raw materials from SVLK Certified concessions and suppliers only. Traceability of timber materials at any stage of production is one key point we uphold. We believe when regulated in the right way, Timber is one Greenest and Eco-Friendliest materials the earth provides.

Global Market

WHY US?

Experienced
We have 20 years of experience in wood working industry. Having extensive experience, we know how to choose, to process, and to treat the right materials for the right products.

Focused
We are one of the few hardwood manufacturers with species and industry focuses. Our main production line processes Keruing (Api Jong) Timber into Truck Deck, Truck Floor, Trailer Deck, Trucks Components, and other Industrial Products. While our secondary production line processes Bangkirai (Yellow Balau) Timber into Residential Products, such as Outdoor Decking or Garden Fences.

Responsible
We secure our supply of raw materials from reputable SVLK certified concessions and suppliers. Regulated in the right way, Timber is one Greenest and Eco-Friendliest materials the earth provides.

Qualified
We are located in Central Java, where ample, competitive, and qualified wood workers are available. We continuously evaluate our employees and send them for training, courses, or certification to keep production quality up to the international standard.

Integrated
We process our timber in our integrated production facilities which include Saw Mill, Kiln Dry, Moulding, and a Finger Jointing machinery. Integrated facilities in our plant allow maximum control and ensure the quality of our productions. Furthermore, our Finger Joint facility is one of the rare facilities in Indonesia with the capability to produce up to 12 meter long Finger Jointed Planks.

Professional
We serve consumers with the appropriate professional consumers desirability. Our team consist of people with international experiences who know the importance of procedures, planning, and scheduling. Zero defect and zero delay are parts of our mission.

Certified by

[Certification logos]
Truck Deck, Truck Floor, Trailer Deck and Truck Components are our speciality. We produce our truck products with the best available Keruing (Apitong) timber, materials. Keruing's ratio of weight to hardness makes it the perfect choice for Trucks where maximum weight on road is a concern.

Our Truck Floors and Components offerings are available in Solid and Finger Joint options with the standard profiles such as Shiplap, Half-Lap, or Tongue and Groove (T&G).

Finger Joint Truck Deck are Premium products requiring special facility, skills, and experiences. We are one of the very few manufacturers capable of producing Finger Jointed Truck Deck, Truck Floor, or Trailer Deck with the length up to 12 meter.

**THE PROFILES**

- **SHIPLAP**
- **TNG**
- **E4E**
- **BULNOSSE**
- **REEEDED**
- **FINGER JOINT**

**STANDARD SPECIFICATION**

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*NEED OTHER SPECIFICATION?  
Contact us: info@buanatriarta.com
FINGER JOINTED TRUCK DECK

Stable
The relatively shorter wood pieces used in finger joint system has better stability, and free from bending or cupping problems.

Strong
State of the art adhesive creates joints that are stronger than the wood itself. The finger joint system permits maximization of the yield from different wood qualities. This results in a more homogeneous product, and therefore stronger than solid wood.

Green
The finger joint system maximizes the utilization of the wood to the shorter length pieces, resulting in less waste, and thus greener products.

WHY FINGER JOINT BY BUANA TIARTA?

Advanced machinery
Our Finger Joint (FJ) machine is a brand new, customized system from Miraitech, an internationally recognized wood working machinery manufacturer specialized in Finger Joint.

Our FJ machine is capable of producing a final product with the length up to 12 meter. This is specialized for Truck Deck, Truck Floor, or Trailer Deck.

Our FJ machine has one-by-one assembler system. This system joins each pieces one-by-one and delivers a more consistent pressure on each jointed parts as compared to the more common, end-joint assembler system.

Our FJ machine has double spindles shaper for each side. Compared to the common single spindle system, the double spindles distribute the cutting (finger shaping) into 2 sets of blades. This means less stress on each blade, better maintained blade and therefore overall better quality and better precision of the fingers.

This is especially more effective for bigger and thicker products, such as Truck Deck, Truck Floor, or Trailer Deck.

High quality (and proper) adhesive
Taking our production seriously, we use a high quality glue from Oshika corporation, a well established adhesive manufacturer from Japan.

On top of that, we choose the proper type of glue for the right wood species. We use Resorcinol glue for Keruing timber. Resorcinol is a structural glue (stronger than B4/D4 level). It will hold (oily) Keruing together, even for outdoor usage.

Regular laboratory test
To ensure the quality and strength of our finger joint products, we do not only do a visual inspection, but also a laboratory test. Furthermore, we will do this laboratory test regularly to ensure quality is maintained.

Overall high quality products
With our advanced machinery, proper adhesive, regular laboratory test, as well as dedication and good production control, we are certain that the quality of our products will be even higher. Our products will be more precise and stronger.
OUTDOOR DECKING, INDOOR FLOORING, AND GARDEN WORKS

We started our residential products in small volume for the domestic market. Known for quality, we are ready to ship our Outdoor Decking, Indoor Flooring and Garden Works worldwide. A few select species are available for our global market.

Bangkirai (Yellow Balau) is the primary choice for outdoor products. Bangkirai (Yellow Balau) is hard, stable, and durable. It is able to sustain a constant weather change. In addition to the durability, the yellowish color of the species is attractive on its own.

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Outdoor Decking

Nothing come close to the green and sustainable attributes wood has as construction and decorative material.
Select from our carefully picked hardwood range for your outdoor use, each with its own distinct characteristics, manufactured through a delicate drying and moulding process to ensure years of beautiful living spaces.

Indoor Flooring

Nothing compares to the character and ambience solid wood flooring brings to your living space.
Through quality craftsmanship and our pursuit of perfection, we’re proud to offer our new range of solid wood floorings – unrivalled in terms of luxury, strength, versatility, stability, and quality.

Garden Works

For many centuries, timber has been one of the main members in our garden. As a natural product, timber fits very well in any style of garden.

OUR LOCAL BRAND

[Images of outdoor deck and indoor flooring]
FROM WAREHOUSE FLOORING TO ELECTRICAL CROSS ARMS TO CHICKEN CAGE

Buana Triarta supplies a wide variety of timber based industrial products. Warehouse Flooring, Electrical Cross Arms, Kiln Dry Stick, and Chicken Cage / Chicken Sticks are few products we supply to the global market.

All our products are produced with quality timber and handled with professional team using advanced machinery. As a manufacturer ourselves, we understand how important it is to have good quality supporting materials to maintain the production process. We are proud of our products, and we use our Kiln Dry Stick in our own Kiln Dry facility.
PRODUCTION PROCESS DESCRIPTION

1. Only select forest strictly regulated by Indonesian Government is chosen and utilized.
2. Logging is regulated strictly and each piece is registered.
3. Log are delivered and stored with care in our factory.
4. In our Saw Mill facility, we cut log into planks.
5. Sawn Timber are planks and blocks of timber resulted from the Saw Mill process.
6. Kill Dry is the process to bake / heat the timber in order to reduce the moisture content and keep the timber stable. This lengthy process can take up to 3-4 weeks, and therefore is often neglected by many manufacturers. In our factory, we take this process seriously. Quality is our priority.
7. Dried Sawn Timber are less likely to reshape or grow mold. Log form and this form are the best stages to keep our stock level.
8. The Finger Joint process joins timber together using advanced technology to make a longer plank. Longer planks are preferable as they require less work to install. Finger Jointed Timber are also more Strong, Stable, and Green.
9. The moulding smoothens a plank and creates specific profiles the sides.
10. Finish Goods are products ready for inspection and shipping.
11. Selected Finish Goods are packaged and wrapped in plastics to minimize damages during transport and storage.
12. Packaged Finish Goods are put into container for export.
WHY TIMBER?

Being one of the few natural building materials, timber is non-toxic and does not leak chemical vapour. Not only does timber store carbon through its life cycle, it is also renewable and recyclable. The production and processing of timber products uses less energy than most other building materials, resulting to a low embodied energy level and low emissions into the atmosphere. As timber ages, it does so in an earth-friendly manner and does not break down into environmentally damaging materials.

Timber is the best sustainable material nature has to offer. **TIMBER IS GOOD**

BENEFITS OF TIMBER

Natural
Timber is one of the few natural building material. This has a lot of advantages. Generally, timber is not toxic, does not leak chemical vapour into the building and is safe to handle and touch. It also means that as timber ages, it does so naturally and doesn't break down into environmentally damaging materials.

Renewable
People have been building with timber for thousands of years. Timber is continually being grown in our forests and plantations. As long as new trees are planted to replace those harvested, timber will continue to be available.

Low in production energy
It takes very little energy to convert the wood in trees to the timber used in building. This means that the embodied energy in timber is very low, the lowest of almost all common building materials.

A store for carbon
Timber is made from carbon drawn from the atmosphere. This carbon would otherwise be adding to the greenhouse effect. Using timber in buildings stores the carbon for as long as the building stands or the timber is used.

A very good insulator
In reducing the amount of energy used to heat and operate a building, insulation is very important. Timber is a natural insulator and can reduce energy needs especially when it is used in windows, doors and floors.

Readily available
Timber is milled all over Australia and is often used close to where it is produced. This promotes local economies and reduces the energy needed to transport materials long distances.

Easy to work
Timber is versatile and can be used in a wide variety of ways. Being light, it is easy to install and can be worked with simple equipment. This reduces the energy needed for construction.