



江苏宇友国际贸易有限公司
Jiangsu Yuyou International trade Co., Ltd.

公司介绍 | 品牌宣讲



宇友国际



— company profile

Jiangsu Yuyou International Trade Co., Ltd. (Yuyou International), the company is a comprehensive trading company, located in Green Park Road No. 362 Pengyao Building, Yixing City, Wuxi City, Jiangsu Province, China. The company owns a number of factories such as Yixing Yuyou Metallurgical Equipment Co., Ltd. (Yuyou Metallurgy), Yixing YOLONG Bamboo and Wood Industry Co., Ltd., Jiangsu Xindingrui Sports Goods Technology Co., Ltd. and Yixing Yafeng Metal Technology Co., Ltd. Among these factories, Yuyou Metallurgy is a high-tech enterprise of Jiangsu Province, a specialized and special enterprise, a "contract and trustworthy" enterprise of Wuxi City, and an antelope enterprise, and its products are in strict accordance with the ISO9001:2008 system, and it specializes in designing and manufacturing of various kinds of ferroalloy mineral heaters such as ferro-silicon furnaces, silicon-manganese furnaces, industrial silicon furnaces, pyrophosphorus furnaces, electric arc furnaces, refining furnaces and other electric furnace short mesh systems and electrode column systems and components for the metallurgical and chemical industries. The company specializes in the design and manufacture of short mesh system and electrode column system as well as components for various ferroalloy mineral heat furnaces such as ferrosilicon furnace, silicomanganese furnace, industrial silicon furnace, calcium carbide furnace, yellow phosphorus furnace, electric arc furnace and refining furnace in the steel-making industry.



— company profile

Relying on Yuyou's metallurgical design and manufacturing capabilities, Yuyou International has formed a foothold in the metallurgical electric furnace equipment industry sales extended to the sale of bulk commodity ferroalloys, integration of the industry chain to the lithium industry coating granulation/pre-carbonization and solid waste gas and waste gas environmental protection equipment sales. The rest of the factories are involved in building materials and home furnishings such as bamboo wood flooring/rock-plastic flooring and fitness equipment, environmental protection equipment, medical equipment, ceramic products/ceramic semiconductors, etc. The company provides customers with a full supply chain of services, including technical consulting, product ordering, quality control, production progress inquiries, warehousing and logistics, customs clearance, financial settlements, and after-sales service.

Our company adheres to the "customer first, service first, honesty, cooperation and win-win" for the company's business philosophy, for customers to build a sound platform for the import and export of products, but also the company's service attitude and entrepreneurial spirit and purpose, and this attitude of service is implemented in any one of the company's cooperation with the customer. Adhere to the quality of survival, reputation and development policy, always put the quality and customer interests in the first place. The company is willing to make friends all over the world, sincere cooperation with people from all walks of life.



Geographical location

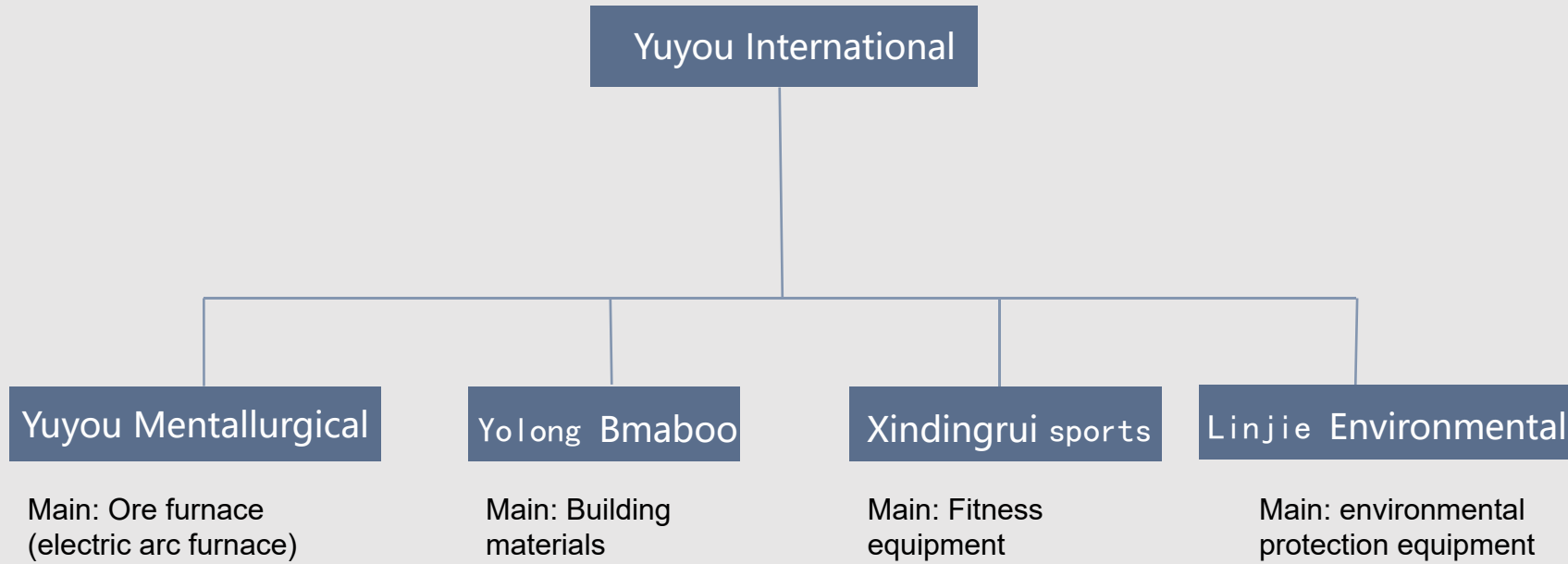
- Geographical location



Our company is located in Yixing City, Wuxi City, Jiangsu Province, China, with convenient transportation, adjacent to Shanghai, about 200 kilometers away from Shanghai.



Organizational structure



— Products Description

- **01Ore furnace (ferroalloy furnace, calcium carbide furnace, etc.):**

Mineral furnace is also known as electric arc furnace or electric resistance furnace, mainly used in reducing smelting ore, mineral reducing agent and other raw materials. The main production of ferrosilicon, ferromanganese, ferrochrome, ferrosilicon, silicon manganese alloy and other ferroalloy and calcium carbide and other chemical raw materials. Its working characteristics are the use of carbon or magnesium refractory material as the furnace lining, the use of self-baking electrode. The electrode is inserted into the charge for submerged arc operation, and the energy and current of the arc are used to pass through the charge, and the energy is generated by the resistance of the charge to melt the metal, and the charge is added successively, and the iron slag is discharged intermittently, and the industrial electric furnace is operated continuously. The load of the furnace transformer is continuous and stable, the impedance is low, the voltage regulation stage is more, the range is small and the overload capacity is strong. Can be divided into load, no excitation voltage regulation two. Generally, the first few stages of constant capacity output, the last few stages of constant current output.

Uses: Mainly used in the production of ferroalloy (such as tungsten iron, high carbon ferromanganese, high carbon ferrosilicon, high carbon ferrochrome, nickel iron alloy) and industrial silicon, calcium carbide, corundum, yellow phosphorus and so on.

Equipment composition:

Electric furnace main body equipment, furnace front iron drawing equipment, furnace shell, furnace cover and smoke exhaust system.

The electrode column system comprises an electrode holder, an electrode lift and a pressure release device; Batching and feeding system; Hydraulic system; Short network system; Circulating water cooling system; Electric furnace control system and electrical equipment; High pressure control system; Low pressure control system; Computer control system; Voltage compensation devices and transformers.



— Products Description

- Mineral furnace structure characteristics:
- Mineral furnace is a kind of industrial electric furnace with huge power consumption. It is mainly composed of furnace shell, furnace cover, furnace lining, short net, water cooling system, smoke exhaust system, dust removal system, electrode shell, electrode pressure discharge and lifting system, loading and unloading system, controller, burn-through device, hydraulic system, mineral furnace transformer and various electrical equipment.
- According to the structural characteristics and working characteristics of the furnace, 70% of the system reactance of the furnace is generated by the short network system, and the short network is a high current working system, the maximum current can reach tens of thousands of amperes, so the performance of the short network determines the performance of the furnace, it is precisely because of this reason, so the natural power factor of the furnace is difficult to reach more than 0.85. The vast majority of the natural power factor of the furnace is between 0.7 and 0.8, the lower power factor not only reduces the efficiency of the transformer, consumes a lot of useless work, and is charged additional power fines by the power department, at the same time due to the manual control of the electrode and the process of the pile, resulting in the increase of the three-phase power imbalance, the highest imbalance can reach more than 20%. This leads to low smelting efficiency and higher electricity costs, so improving the power factor of the short network and reducing the imbalance of the power grid has become an effective means to reduce energy consumption and improve smelting efficiency. If appropriate measures are taken to improve the power factor of the short network, the following effects can be achieved: reduce power consumption by 5~20%; Increase the output by more than 5%~10%.
- Mineral furnace equipment use:
- Ore furnace is mainly used for the production of ferroalloys (such as tungsten iron, high carbon ferromanganese). High-carbon ferrosilicon, high-carbon chromium, nickel-iron alloy) and industrial silicon, calcium carbide, corundum, yellow phosphorus, etc.
- Mineral furnace equipment features:
- Mineral furnace is divided into three types according to the power supply mode:
- 1) AC ore furnace 2) DC ore furnace 3) Low frequency ore furnace
- 3. Equipment composition
- Electric furnace mechanical system
- Furnace shell. Furnace cover
- Smoke extraction system



— Products Description

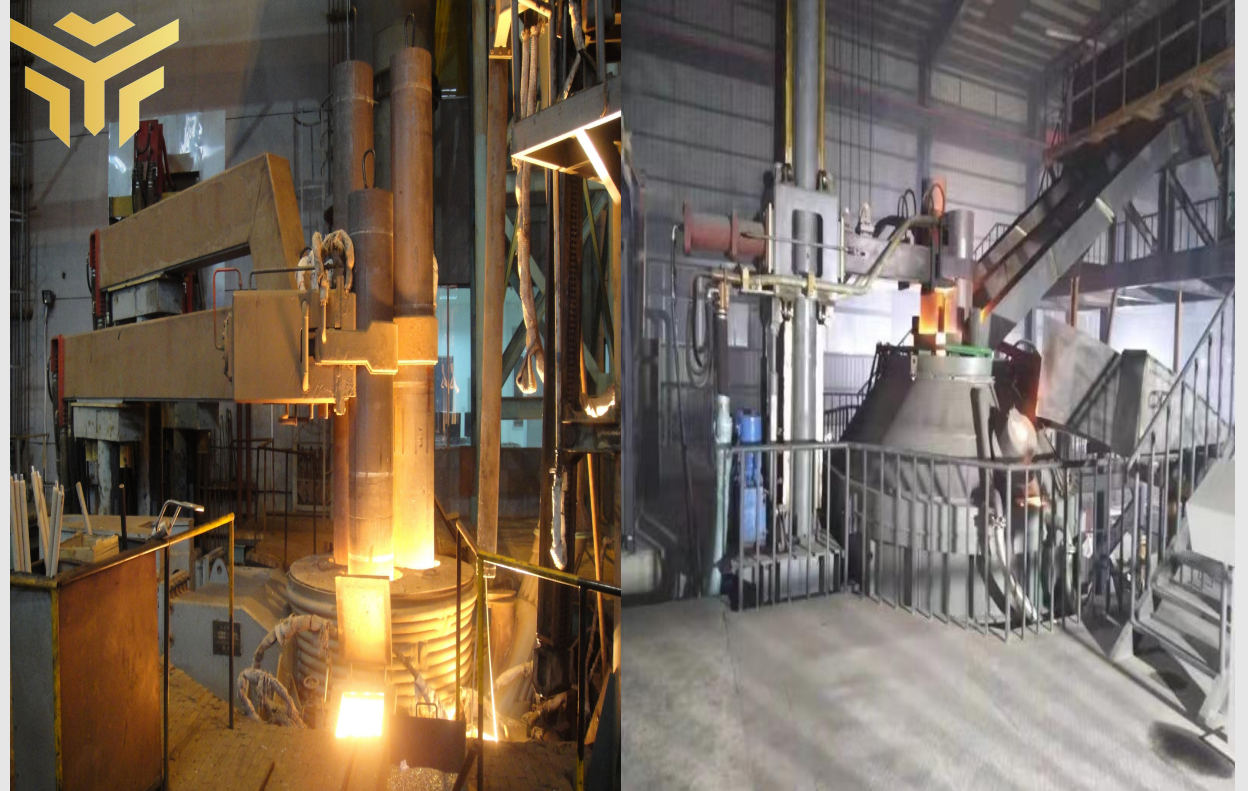
- Electrode system:
 - electrode holder, electrode lifting mechanism and electrode pressure release device
- Charging device
- Hydraulic system
- Short-net system
- Water circulation system
- Iron casting system
- Electric furnace electrical system
- Electric furnace transformer
- High pressure control and protection system
- Low pressure control protection system
- Computer control system



— Products Description

- **02 Steelmaking electric arc furnace, refining furnace:**

- HX series three-phase steelmaking electric arc furnace has different power levels and structure forms such as ordinary power and high power. Steel-making electric arc furnace with capacity greater than 30 tons. Can refer to high-impedance arc furnace selection.
- Equipment composition: arc transformer, short net, electrode lifting device, electrode cross arm, furnace cover lifting and rotating device, furnace body, furnace body tilting device, ladle, steel drawing car, cooling water system, compressed air system, hydraulic system, feeding system, high voltage power supply system, low voltage electrical control system, basic level automation computer control system, etc.
- HX type steelmaking electric arc furnace equipment adopts new technology:
- The parameters of electric arc furnace are selected to optimize the design of tube type water cooled furnace wall and cover core (EBT).
- Steel copper - steel composite conductive cross arm cluster large section water cooled cable optimization structure Short network (energy saving) proportional valve hydraulic system PLC basic level + process level industrial computer control frequency conversion control technology, network technology.



Products Description

• 03 Complete short network system:

- The short net of ore furnace is a high current line from the secondary side of transformer to the electrode. Generally refers to the hard bus part, divided into two categories: copper tube type and copper bar type.
- Most of the pipe short net is now used, the advantages of pipe short net are:
 - ① The short net and copper tile can be connected in series into a waterway, and the cooling waterway is: short net → water-cooled cable → conductive copper pipe → copper tile → conductive copper pipe → water-cooled cable → short net → phase regulating water cooled cable → transformer tubular outlet pipe → phase regulating water cooled cable → short net, and then discharged.
- Because the short network can be cooled by water, the current density of the short network and the water-cooled cable is increased several times, and the weight of the short network is reduced a lot.
- Electric furnace is an important process equipment in the steelmaking industry, in the smelting process, it is necessary to transport tens of thousands of amps or even hundreds of thousands of amPs to the furnace, such a large current is transported by short network.
- The short network is also called the high current bus line, which refers to the general name of the fluid carrying from the secondary outlet end of the transformer to the electrode (including the electrode).
- The composition of the short net
- Short network components are divided into the following parts:
 - 1) The compensator connects the low voltage end of the furnace transformer with the fixed part of the short network one by one.
 - 2) Busbar row - the longest fixed part of the short network, which can be a rectangular copper row or a water-cooled copper pipe.
 - 3) The fixed connecting seat is used to connect the water-cooled flexible cable from the bus bar to the short network and transmit the current.
 - 4) The water-cooled flexible cable is used to transmit the current from the fixed coupling base to the copper electrode holder.



— Products Description

• 04 Water cooled cable, large section water cooled cable

- Water-cooled cable is a high current transmission cable through the hollow water, which is used in industrial resistance furnaces, medium frequency induction furnaces, monocrystalline silicon furnaces, polysilicon furnaces, electric arc furnaces, refining furnaces, sapphire annealing furnaces, heat treatment furnaces, experimental furnaces and other equipment for high current transmission, generally composed of cable heads, copper stranded wires, rubber outer bushings, special fasteners steel belts, etc. The use of water-cooled cable reduces the heat of the cable, transmits more current, and improves the transmission power of the electric furnace
- Water cooled cable
- Water cooled bus bar
- Special water-cooled cable
- Special wire and cable
- Single strand water cooled cable
- Hollow water cooled cable
- Large section water cooled cable
- Flexible water-cooled cable
- High current water cooled cable
- Electric arc furnace water cooling cable
- Refining furnace water cooling cable
- Water cooling cable for mineral furnace
- Vacuum furnace water cooling cable
- Medium frequency furnace water cooling cable
- Monocrystalline silicon water cooled cable
- Polycrystalline silicon water cooled cable
- Reduction furnace water cooling cable



— Products Description

• 05 Bamboo floor

- Before choosing bamboo flooring for your home or business, you might like to find out a little bit more about it. Here are the essential things you should know:
- **BAMBOO IS AN ECO-FRIENDLY AND SUSTAINABLE PRODUCT**
- Bamboo is actually a fast-growing grass that reaches maturity and can be harvested in around 5 years, compared to hardwood trees that take decades to mature. The root of the bamboo plant also has the ability to self-regenerate, which means that the bamboo continues to grow even after being harvested. With bamboo there is not deforestation.
- **THERE ARE DIFFERENT TYPES OF BAMBOO FLOORING**
- The main types of bamboo flooring are horizontal bamboo, vertical bamboo and strand woven bamboo. Horizontal and vertical are similar in strength and stability, but have a different grain pattern. Strand woven bamboo is made in a completely different way, it looks different and has added stability and durability.
- **STRAND WOVEN BAMBOO IS OVER TWICE AS HARD AS OAK FLOORING**
- Strand woven bamboo has been designed in such a way that the bamboo fibers are shredded and then compressed to create a strong, versatile and durable floor covering. It is over twice as hard as Oak flooring can suitable for use in busy areas and even commercial properties.
- **BAMBOO CAN BE USED IN ALMOST ANY ROOM IN YOUR HOME**
- Bamboo flooring is extremely versatile so can be used in almost any room in your home. The exceptions are any wet areas, such as bathrooms or utility rooms.



— Products Description

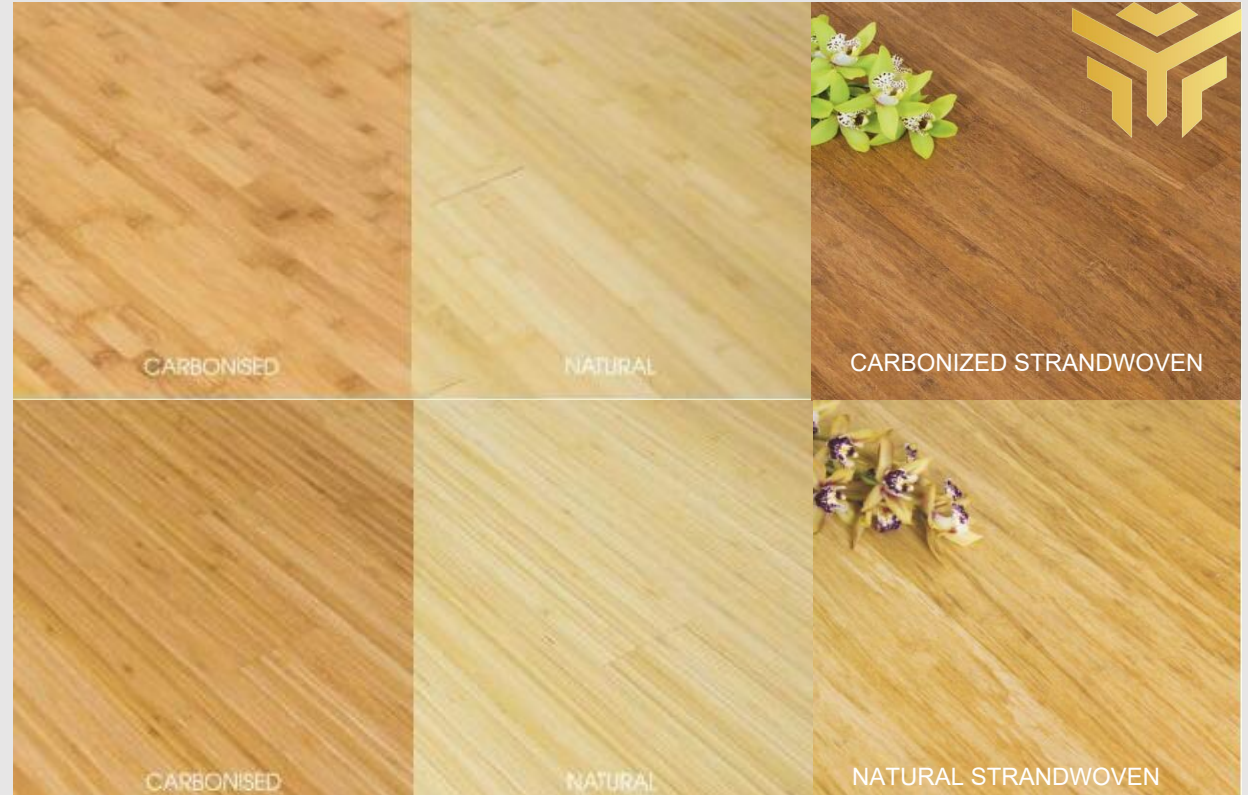
YOU CAN CHOOSE BETWEEN A RANGE OF COLOURS AND STYLES

You can find a wide range of colours, styles and sizes of bamboo flooring. Engineered bamboo has wider and longer planks, but you can also find:

- Solid bamboo flooring
- Strand woven bamboo flooring
- Parquet block bamboo
- Grey bamboo flooring
- Distressed bamboo
- Rustic bamboo

IT IS EASY TO KEEP CLEAN AND LOOK AFTER

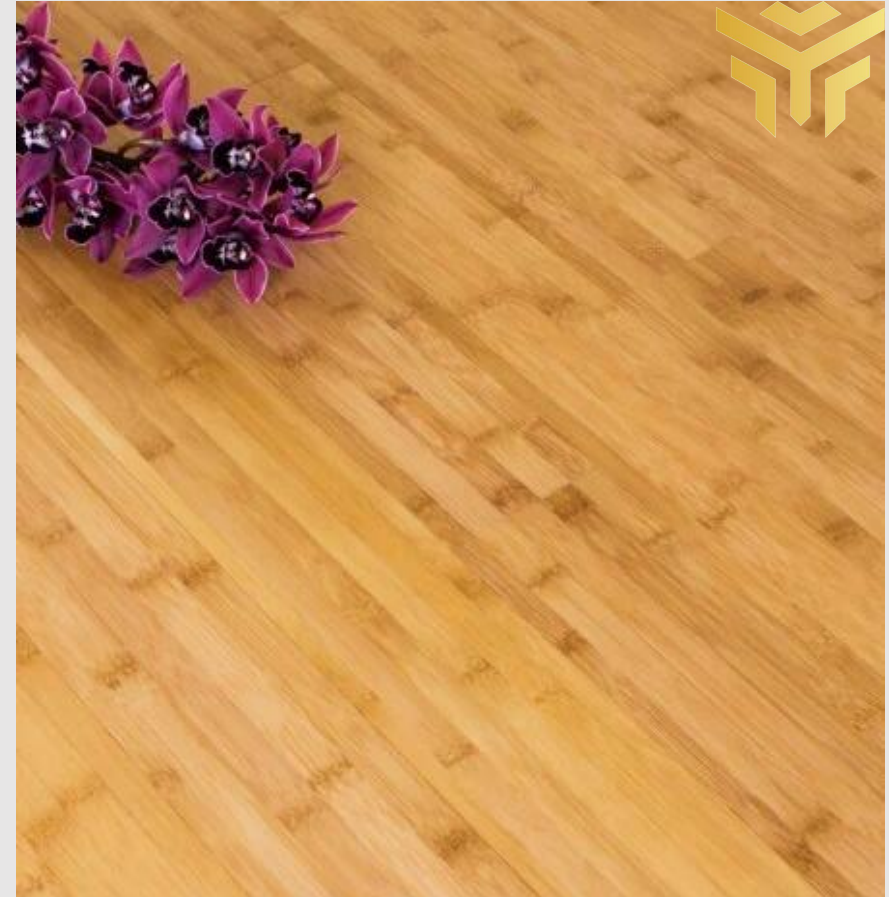
Bamboo flooring is really easy to look after and keep clean. Simply sweep and clean on a regular basis, remove outdoor footwear and wipe away any spills straight away. For more information, advice and tips, read our Care and Maintenance Guide.



— Products Description

• 1、 Carbonized horizontal bamboo flooring

- What is carbonized bamboo flooring:
- Carbonised bamboo is a colour of bamboo flooring that has darker brown tones than the natural golden shades of bamboo. Many think that this brown coffee colour is from a stain added to the surface. This is incorrect. The raw bamboo is 'carbonised', or smoked, during the manufacturing stage
- The raw bamboo is carbonised during the manufacturing the flooring. To obtain this beautiful rich brown colour, the bamboo is smoked which changes the colour from its natural golden tone. Here is a quick guide to how it is done:
 - • After the bamboo is harvested, the outer green layer is removed.
 - • The remaining raw bamboo is cut into thin, flat strips (for horizontal or vertical flooring), or shredded into fibre strands (for strand woven flooring).
 - • The strips or strands are then naturally dried to remove any excess moisture.
 - • Next, the strips or strands are smoked under extreme heat to create a deep brown, coffee colour.
 - • The newly carbonised strips and strands are now checked for any imperfections before the production of the flooring begins.
 - • Finally, the bamboo is now made into planks or blocks of flooring.
- The carbonisation process is very different from adding a colour stain to the bamboo. A colour stain is only added to the surface of the planks of flooring, whereas a carbonised floor is the same colour throughout the whole plank.
- The main model specifications :
 - 960*96*10mm, 960*96*12mm, 960*96*15mm
 - 1020*130*15mm, 1020*130*17mm
 - 1900*190*15mm



— Products Description

• 2、 Natural horizontal bamboo flooring

- The natural color flat pressed bamboo floor is desugarized and degreased by hydrogen peroxide cooking process, so that the bamboo is not easy to mold and moth. After cooking, the bamboo slices will retain the original bamboo color, and then the surface of the bamboo slices is laid flat and glued to make bamboo boards, and then the floor is processed by grooving paint and other processes.
- Thin bamboo strips have been glued together horizontally to create the planks of flooring. This creates a wide grain pattern with distinctive bamboo knots and grain pattern.
- Natural bamboo flooring is very elegant, chic and stylish. Its timeless appeal comes from the natural golden and blonde tones of the bamboo. The light colours from the flooring can help to brighten up and style or size of room.
- **The main model specifications :**
 - 960*96*10mm, 960*96*12mm, 960*96*15mm
 - 1020*130*15mm, 1020*130*17mm
 - 1900*190*15mm



— Products Description

• 3、Carbonized vertical bamboo flooring

- The carbonized side press bamboo floor is desugared and degreased by high temperature and high pressure technology, so that the bamboo is not easy to be eaten by mildew. After high temperature, the bamboo sheets will turn carbon brown, and then the sides of the bamboo sheets are laid flat and glued to make bamboo boards, and then the floor is processed by grooving paint and other processes.
- Strips of bamboo are glued together vertically to form the plank of flooring. The bamboo grain is thinner and less evident on the surface of the floor. Vertical bamboo flooring has a tongue and groove fitting profile.
- The main model specifications:
 - 960*96*15mm
 - 1020*130*15mm、 1020*130*17mm
 - 1900*190*15mm



— Products Description

• 4、 Natural vertical bamboo flooring

- The natural color flat pressed bamboo floor is desugared and degreased by hydrogen peroxide cooking process, so that the bamboo is not easy to mold and moth. After cooking, the bamboo slices will retain the original bamboo color, and then the surface of the bamboo slices is laid flat and glued to make bamboo boards, and then the floor is processed by grooving paint and other processes.
- Strips of bamboo are glued together vertically to form the plank of flooring. The bamboo grain is thinner and less evident on the surface of the floor. Vertical bamboo flooring has a tongue and groove fitting profile.
- The main model specifications:
 - 960*96*15mm
 - 1020*130*15mm、 1020*130*17mm
 - 1900*190*15mm



— Products Description

• 5、Carbonized strand woven bamboo flooring

- Strands of bamboo are woven together and compressed under extreme heat and pressure to form the plank of flooring. The bamboo grain is random. Strand woven bamboo is over twice as hard than Oak flooring and is available in plank or parquet form. Strand woven bamboo flooring can be found in a solid or engineered format, some have a click fitting system and some have a tongue and groove system.
- The carbonisation process is very different from adding a colour stain to the bamboo. A colour stain is only added to the surface of the planks of flooring, whereas a carbonised floor is the same colour throughout the whole plank.
- The main model specifications:
 - 920*96*12mm、 1850*96*12mm
 - 920*96*14mm、 1850*96*14mm
 - 1850*125*14mm、 1850*130*14mm
 - 1850*135*14mm、 1850*142*14mm



— Products Description

• 6、 Natural strand woven bamboo flooring

- Strands of bamboo are woven together and compressed under extreme heat and pressure to form the plank of flooring. The bamboo grain is random. Strand woven bamboo is over twice as hard than Oak flooring and is available in plank or parquet form. Strand woven bamboo flooring can be found in a solid or engineered format, some have a click fitting system and some have a tongue and groove system.
- Natural strand woven bamboo flooring is very elegant, chic and stylish. Its timeless appeal comes from the natural golden and blonde tones of the bamboo. The light colours from the flooring can help to brighten up and style or size of room.

The main model specifications:

- 920*96*12mm、 1850*96*12mm
- 920*96*14mm、 1850*96*14mm
- 1850*125*14mm、 1850*130*14mm
- 1850*135*14mm、 1850*142*14mm



Products Description

7、 Bamboo accessories

• Bamboo Skirting

• Skirting is used to cover up the expansion gap which has been left in between the bamboo floor and the wall.

• SIZE:1850*92*15MM

• Bamboo Beading

• Beading, is used if you want to keep your existing skirting board. The beading conceals the expansion gap that has been left between the bamboo floor and the existing skirting board.

• SIZE:1850*15*15MM

• Bamboo Stair Nosing

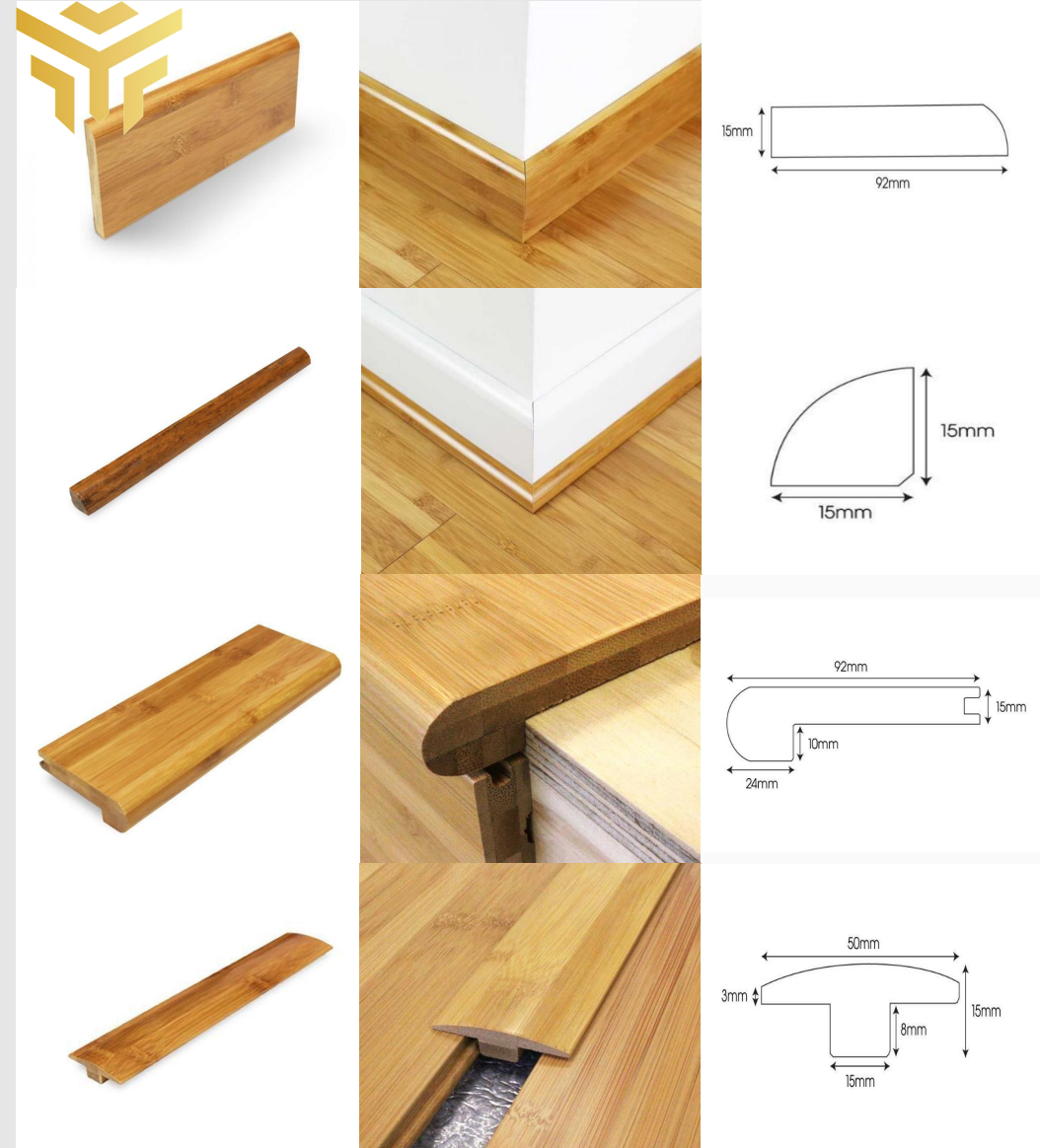
• Stair nosing is designed specifically for installing bamboo flooring on your staircase. It covers a 90-degree angle of stair tread, and then bamboo flooring planks are used to cover the rest of the step.

• SIZE:1850*92*25MM

• Bamboo T-Moulding

• A T-moulding is used to conceal gaps between doorways that have the same floor level either side.

• SIZE:1850*50*15MM



— Products Description

- **Bamboo Threshold**

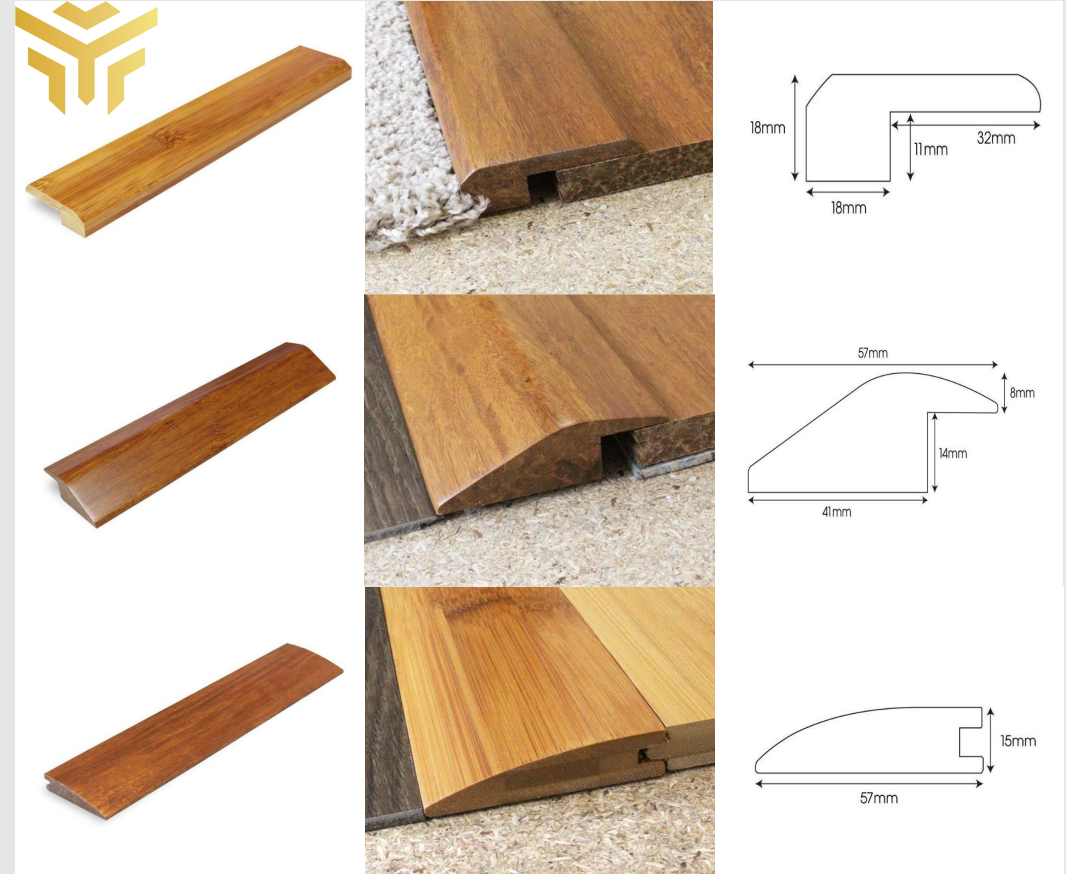
- A threshold is designed to be used when installing a bamboo floor next to a carpet.
- SIZE:1850*50*18MM

- **Bamboo R Profile**

- An R profile is a ramp which assists with reducing the bamboo floor down to a lower level of flooring, for example: tiles or vinyl. This is used when floating your floor over an underlay.
- SIZE:1850*57*22MM

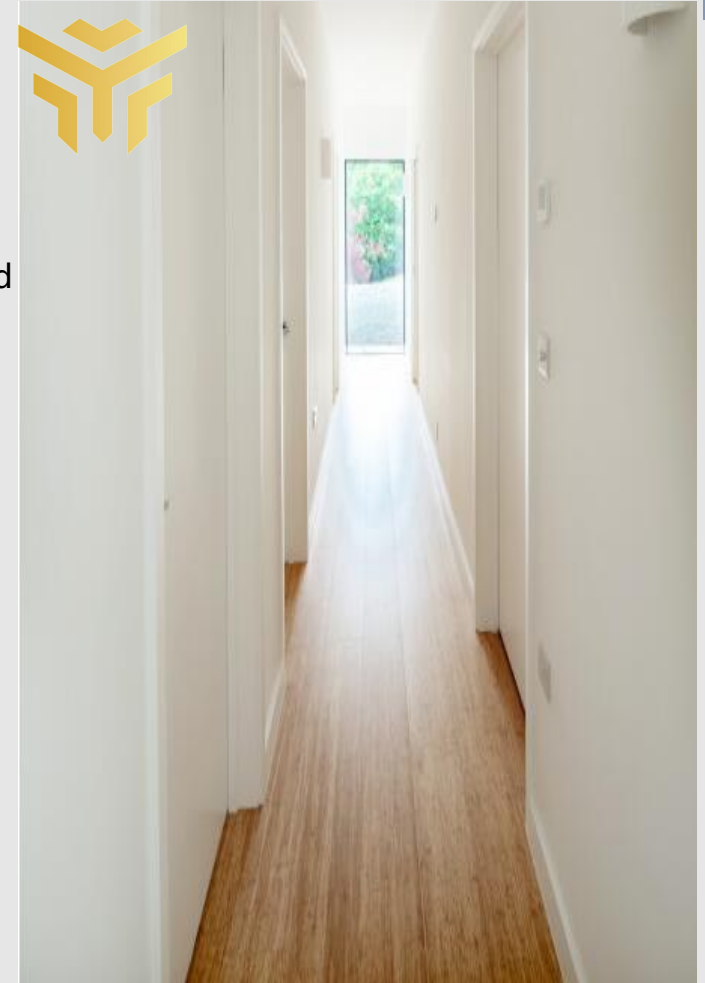
- **Bamboo Flush Reducer**

- A flush reducer is a ramp which assists with reducing the bamboo floor down to a lower level of flooring, for example: tiles or vinyl. This is used when your floor is being glued down.
- SIZE:1850*57*15MM



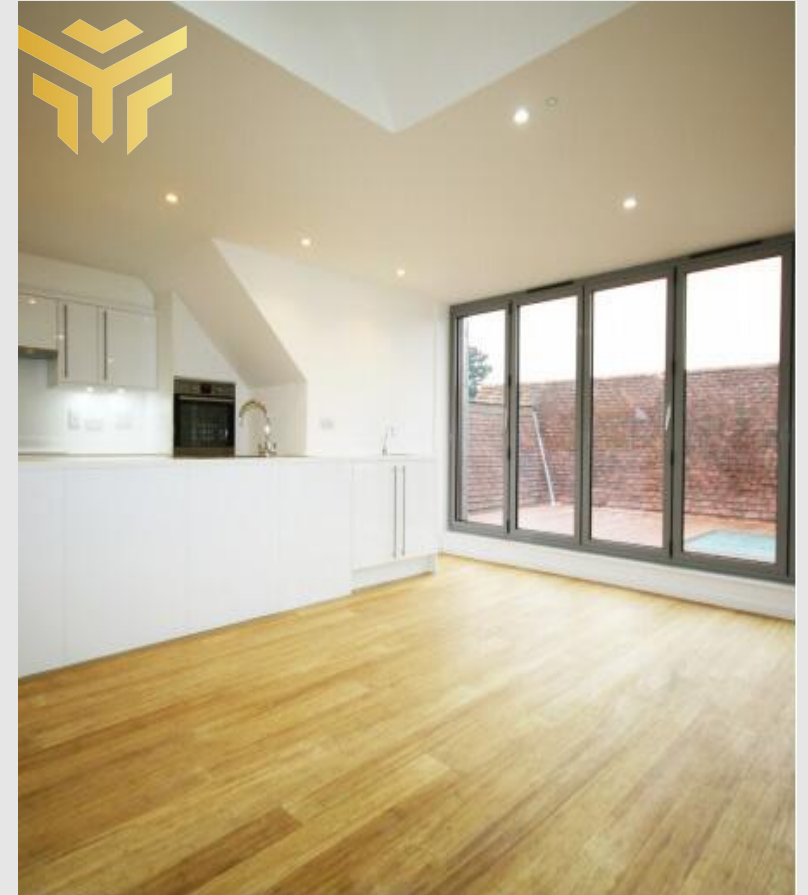
How to care for your bamboo flooring

- Bamboo floors are known for their durability, strength and easy maintenance, but knowing how to care for your bamboo floor is essential to preserving its freshness and natural elegance.
- CLEAN YOUR BAMBOO FLOOR REGULARLY
- A build up of dirt and debris can be detrimental to your bamboo floor. If dirt, dust or grit is left on top of your bamboo floor and then walked on, it can cause scratches, dents and damage to the surface and finish of your bamboo flooring. To prevent any kind of dirt from building up, you should clean your floor regularly.
 - Sweep your bamboo floor on a daily basis (or more frequently if required) using a soft brush or broom.
 - Clean your bamboo floor on a weekly basis (or more frequently if required) using a PH neutral wooden floor cleaner
 - Water and a mop can be used to clean your bamboo floor, but you should ensure that the mop is wrung out entirely as excess water can soak into your bamboo floor and may cause it to warp and swell.
 - NEVER USE A STEAM MOP to clean your bamboo floor as the heat and steam can penetrate the floor and cause irreparable damage.
 - Wipe away any spills or dirt as soon as you notice them, using an absorbent cloth to ensure the liquid does not soak into your bamboo floor.
 - Avoid using any products that may leave a slippery residue on your bamboo flooring, such as oils, waxes or furniture polish. Abrasive and acidic cleaning products should also be avoided as they can damage your floor.



— How to care for your bamboo flooring

- BAMBOO FLOOR DAMAGE PREVENTION
- Although a regular cleaning routine is important, another effective way to keep your floor looking fresh and new is to try to prevent damage from happening in the first place.
- • Use doormats at all entrance doors to catch any debris, dirt and moisture from outside.
- • Ask family members and visitors to remove their outdoor footwear before walking on your bamboo floor. Ideally, footwear should not be left on your bamboo floor, they should be put in a porch, garage or other storage area.
- • Apply felt furniture protector pads to the bottom of all furniture and heavy objects to prevent unwanted marks and scratches on your floor.
- • Do not drag or slide heavy or sharp objects across your bamboo floor as this is likely to cause scratches and dents – always lift, carry and place them down gently.
- RE-FINISH YOUR BAMBOO FLOORING
- After a number of years, your bamboo floor may have lost its lustre and elegance. To revive the appearance of your floor, and to reseal and protect it from further damage you can sand it down and re-finish it using a wooden floor lacquer. It is advised that a professionally trained flooring expert, with knowledge of bamboo flooring carries out any re-finishing work.



— Company Team



The company has more than 20 years of experience in domestic and overseas trade professionals and excellent engineering design team, can provide a full range of technical services from design, production to sales and installation

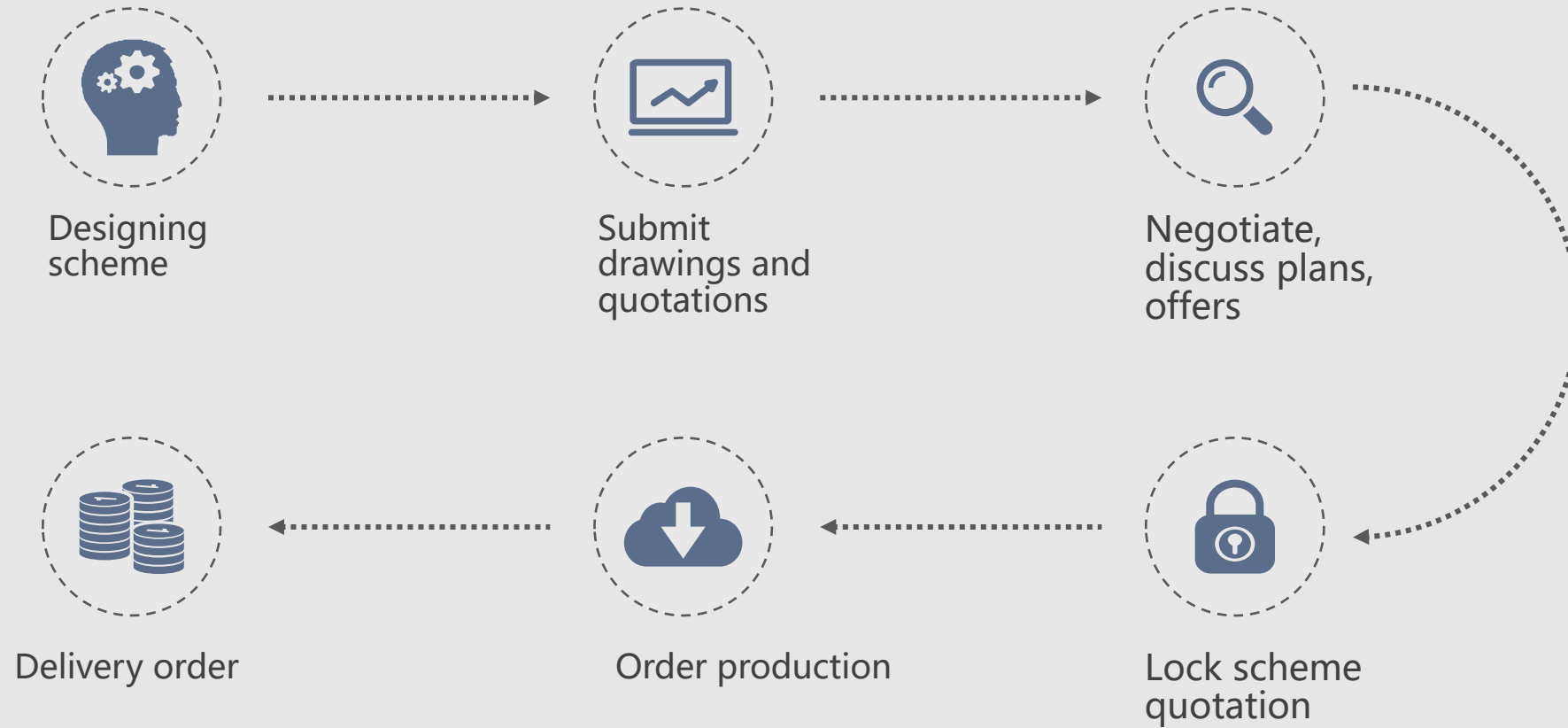
Email: peter@yuyougroup.com

Tel:86-510-87555789

HP(Wechat):13961531121



Business process





THANK YOU



单击此处添加文本具体内容

