



Trust & Go

IMPORT - EXPORT



TNG EXPORT CO., LTD

TRUST AND GO

PREMIUM CHARCOAL
FROM VIETNAM



PREMIUM QUALITY

Carefully Selected Raw Materials



STABLE SUPPLY

Large Capacity - On Time Delivery



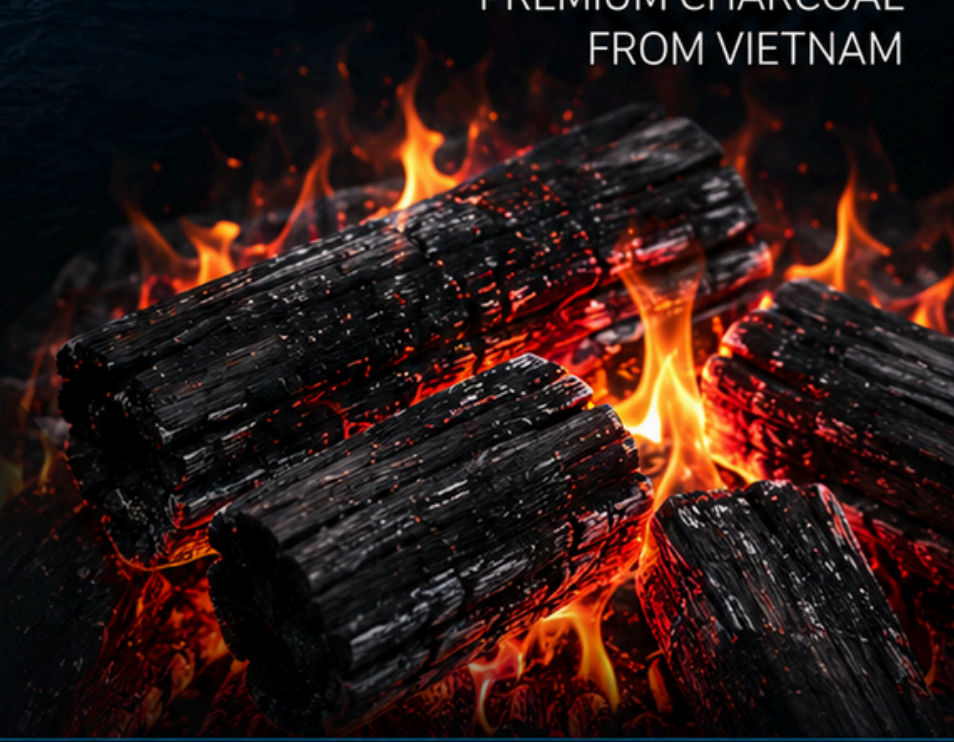
COMPETITIVE PRICE

Best Value for Long-term Partnership



GLOBAL EXPORT

Trusted in Manys Markets



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TNG EXPORT

TRUST AND GO



TRUST

The bedrock of our partnerships. We earn our clients' trust through uncompromising product quality, manufacturing transparency, and unwavering integrity in every commitment.



GO

The momentum of moving forward. Once trust is established, TNG Export stands ready to accompany our partners across global borders, delivering sustainable green energy solutions and driving long-term, mutual success.



OUR JOURNEY: WHERE WE STARTED & WHERE WE ARE TODAY



Company Name:

TNG EXPORT CO., LTD

Core Products:

SPECIALIZED IN MANUFACTURING AND EXPORTING BIO-CHARCOAL

TNG EXPORT CO., LTD is a leading enterprise in Vietnam specializing in the production and export of high-quality bio-charcoal, clean BBQ charcoal, and biomass fuel. Leveraging abundant natural raw material sources and a closed-loop manufacturing process, we are firmly committed to delivering stable, safe products that strictly comply with international export standards.

Embracing the global trend toward green development and sustainable consumption, TNG EXPORT continuously enhances product quality, optimizes energy efficiency, and establishes an eco-friendly supply chain. We aspire to become a trusted, long-term partner accompanying clients across Asia and global markets.

VISION

To become a leading clean energy supplier in Asia and international markets.

MISSION

To elevate the value of Vietnam's agriculture and forestry sectors through sustainable and clean energy solutions.





FACTORY SYSTEM & SUPPLY CAPACITY

We prioritize recycling biological raw materials, building a green supply chain, and strictly complying with international environmental standards and forestry regulations throughout our entire production process.



FACTORY COMPLEX IN VIETNAM

Location: Bac Giang, Vietnam.

Capacity: An area of 8,000 m² equipped with a system of 16 traditional charcoal kilns.



FACTORY COMPLEX IN LAOS

Location: Savannakhet, Laos.

Capacity: An area of up to 15,000m² equipped with a system of 44 high-capacity kilns operating continuously 24/7.

WHY CHOOSE US?



1 STABLE SUPPLY CAPACITY

With a system of 2 large-scale factories covering 23,000 m² and 60 operating kilns across Vietnam and Laos, we guarantee a stable supply and high production capacity all year round.

2 TRANSPARENT RAW MATERIAL SOURCES

We utilize 100% natural wood and legal agricultural/forestry by-products, ensuring a fully transparent, traceable, and sustainable sourcing process.



3 PREMIUM QUALITY & COST EFFICIENCY

Our charcoal is perfectly carbonized, smokeless, odorless, spark-free, and boasts an extended burning time, helping restaurants significantly reduce fuel and operational costs.

4 COMPREHENSIVE OEM/ODM SOLUTIONS

We offer customized cutting sizes, heavy-duty 5-layer carton packaging, and private label printing tailored to our partners' brand identities.

PRODUCT PORTFOLIO

1

**WHITE CHARCOAL
(BINCHOTAN)**



2

**SAWDUST BRIQUETTE
CHARCOAL**



3

**MANGROVE
CHARCOAL**



4

**COCONUT SHELL
CHARCOAL**



WHITE CHARCOAL (BINCHOTAN)



EXPORT-STANDARD TECHNICAL SPECIFICATIONS

CALORIFIC VALUE	> 8.000 kcal/kg
ASH CONTENT:	< 2.5%
FIXED CARBON CONTENT:	> 90%
MOISTURE CONTENT:	< 5%
BURNING TIME:	4 - 5 Hours <i>Smokeless, odorless, metallic sound when struck</i>

PRODUCT APPLICATIONS



WHITE CHARCOAL PRODUCTION PROCESS

A meticulous 14-day-and-night kiln-firing craftsmanship births Binchotan charcoal with the most durable structure. Rather than chasing mass industrial output, we focus on core quality that meets Takumi standards (Japan) and Well-being criteria (South Korea).



RAW MATERIAL SELECTION

100% natural wood and long-standing trees (Eucalyptus, Coffee wood, Lychee wood, Mai tieu, Mai buk)



MOISTURE CONTROL & MANUAL KILN STACKING

Wood is sun-dried/kiln-dried, precisely cut, and tightly stacked inside the kiln to ensure uniform heat distribution and minimize cracking.



CARBONIZATION & CONTINUOUS HIGH-HEAT REFINING

Wood is smoldered at 300°C - 500°C to remove moisture and organic resins, then temperature is elevated to 1000°C - 1200°C for carbon refining, ensuring maximum hardness, smokeless, and odorless properties.



RAPID QUENCHING WITH ASH & SAND

Red-hot charcoal at over 1000°C is discharged and covered with a mixture of damp ash, clay, and sand for rapid cooling. This process creates the distinctive silver-white coating and preserves the ultra-solid structure.



GRADING & PACKAGING

Charcoal is inspected and graded into 3 standard sizes (S, M, L), then packed with moisture-proof lining into heavy-duty export cartons.

NATURAL WOOD CHARCOAL LINE



MAI TIEW / MAI BUK WOOD CHARCOAL

Absolutely smokeless, odorless, and spark-free. Extremely low ash content; maintains its structural shape after burning without crumbling into fine dust.



EUCALYPTUS WOOD CHARCOAL

Emits ultra-high heat value and maintains uniform, stable heat throughout the meal without sudden temperature drops.



LYCHEE / COFFEE WOOD CHARCOAL

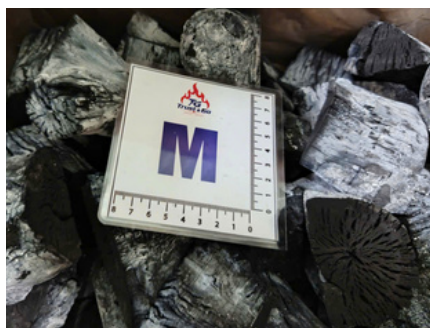
Ignites faster than wild jungle woods, delivers a rich and steady heat, and generates absolutely no foreign odors, fully preserving the natural sweetness of the food.

WHITE CHARCOAL SIZE GRADING



SIZE S

Diameter: 1.5 - 2.0 cm
Length: 5 - 10 cm



SIZE M

Diameter: 2.0 - 3.5 cm
Length: 10 - 15 cm



SIZE L

Diameter: 3.0 - 5.0 cm
Length: 20 - 27 cm

SAWDUST BRIQUETTE CHARCOAL



EXPORT-STANDARD TECHNICAL SPECIFICATIONS

CALORIFIC VALUE	7.300 - 7.800 kcal/kg
ASH CONTENT:	< 3%
FIXED CARBON CONTENT:	> 80 - 85%
MOISTURE CONTENT:	< 5%
BURNING TIME:	4 - 5 tiếng <i>Square/hexagonal briquette logs with a center hole, long-lasting burn</i>



SAWDUST BRIQUETTE PRODUCTION PROCESS

Our sawdust charcoal production process utilizes 100% natural wood sawdust without chemical binders, creating a long-burning fuel (3.5–4 hours) with stable heat, smokeless, and odorless properties. The charcoal logs are uniform, solid, easily packed, and fully compliant with export standards.



RAW MATERIAL SCREENING & DRYING

Natural hardwood sawdust is screened to remove impurities and dried to a standard moisture level of 8% ~ 12% to ensure solid, crack-free briquette logs.



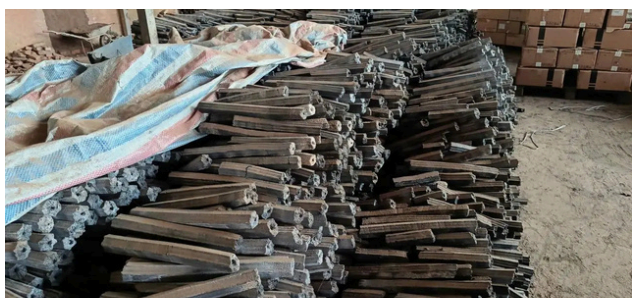
HIGH-TECH BRIQUETTING

Dried sawdust is extruded under a high-temperature hydraulic system 250°C~300°C, activating natural lignin to bind into solid briquette logs without any chemical additives.



KILN STACKING & CLOSED CARBONIZATION

The briquette logs are carbonized inside closed kilns at temperatures of 600°C~800°C for 5–7 days, yielding sawdust charcoal with a high fixed carbon content of >85%.



ANAEROBIC NATURAL COOLING

Post-carbonization, the charcoal is cooled naturally inside sealed, oxygen-free kilns to preserve its maximum hardness and prevent structural breakage.



QUALITY CONTROL & PACKAGING

Finished charcoal logs undergo strict hardness and moisture checks, are precisely cut to 10–40 cm lengths, and are packed with moisture-proof linings into export-grade 5-layer cartons.

PRODUCT APPLICATIONS



CULINARY & DAILY LIFE

Sawdust charcoal is widely used for BBQ grilling, restaurants, and heating purposes due to its stable heat output, low smoke, odorless nature, and extended burning time.



INDUSTRIAL APPLICATIONS

Utilized as fuel for boilers, textile manufacturing, paper production, food processing, and metallurgy thanks to its high-heat capacity, clean burning, and cost efficiency.



AGRICULTURE & HORTICULTURE

Charcoal and its ash can be crushed into biochar to enhance soil conditioning, retain moisture, stabilize pH levels, and support better plant growth.

SAWDUST CHARCOAL GRADING



HEXAGONAL SAWDUST
CHARCOAL - TYPE A



HEXAGONAL SAWDUST
CHARCOAL - TYPE B



SQUARE SAWDUST
CHARCOAL



MANGROVE CHARCOAL



Harvested from natural raw sources in the Mekong Delta, our mangrove charcoal is a highly favored choice for traditional BBQ grilling. The product delivers deep radiant heat, perfectly preserving the natural flavor and ultimate juiciness of the food.



EXPORT-STANDARD TECHNICAL SPECIFICATIONS

CALORIFIC VALUE	7.000 - 7.500 kcal/kg
ASH CONTENT:	< 4%
FIXED CARBON CONTENT:	> 75 - 80%
MOISTURE CONTENT:	< 8%
BURNING TIME:	3 - 4 tiếng <i>Even heat distribution, highly preferred for traditional BBQ</i>

MANGROVE CHARCOAL PRODUCTION PROCESS

100% TRADITIONAL KILN BAKED: A natural firing and cooling process lasting over 30 days inside traditional dome kilns perfectly preserves the solid, durable structure and distinctive natural smoky aroma of Vietnamese mangrove wood – The ultimate choice for authentic, traditional BBQ grilling.



MANGROVE WOOD HARVESTING & SELECTION

100% wood is sourced from sustainable mangrove forests in Vietnam, strictly selected from 10–15 year-old mature trees featuring high density and solid trunks.



SUN-DRYING & MANUAL DOME KILN STACKING

Wood logs are sun-dried to reduce moisture and stacked manually inside the brick dome kilns to ensure uniform carbonization and minimize cracking.



TRADITIONAL CARBONIZATION

The kiln is smoldered for 15–20 days to thoroughly remove moisture and wood resins, while the charcoal quality is constantly monitored via smoke color and aroma.



ANAEROBIC KILN SEALING & NATURAL COOLING

Post-carbonization, the kiln is completely sealed for anaerobic, natural cooling over 10–15 days to lock in structural hardness and prevent cracking.



DISCHARGING, GRADING & PACKAGING

Charcoal is discharged, graded, precisely cut to specifications, de-dusted, and packed with moisture-proof linings to meet export standards.

PRODUCT APPLICATIONS



PREMIUM BBQ CULINARY

Mangrove charcoal is highly favored in upscale BBQ restaurants due to its high heat value (>7,500 kcal/kg), which perfectly locks in the natural tenderness and sweetness of the grilled dishes.



BACKYARD & GARDEN BBQ

Perfectly suited for outdoor picnics and premium barbecues thanks to its clean-burning, smokeless, odorless, and spark-free properties.



COST-EFFECTIVE SOLUTION

With a continuous burning time of 3–4 hours and minimal ash residue, it significantly reduces total charcoal consumption and operational costs for restaurants.

PACKAGING SPECIFICATIONS



COCONUT SHELL CHARCOAL



Our raw material is 100% manufactured from recycled mature, dry coconut shells in Ben Tre. Utilizing a chemical-free production technology, the product successfully meets green export standards for the EU, Japan, and South Korea markets.



EXPORT-STANDARD TECHNICAL SPECIFICATIONS

CALORIFIC VALUE	7.000 - 7.500 kcal/kg
ASH CONTENT:	< 3.5%
FIXED CARBON CONTENT:	> 75 - 85%
MOISTURE CONTENT:	< 6 - 8%
BURNING TIME:	4 - 5 tiếng <i>White sand ash, odorless, causes no headaches</i>

COCONUT SHELL CHARCOAL PRODUCTION PROCESS

Our green circular production process utilizes natural coconut shell waste integrated with bio-based tapioca starch binders. We deliver a clean energy solution that is smokeless and odorless, contributing to the protection of global forest resources.



COLLECTION & INITIAL CARBONIZATION

Mature coconut shells from the Mekong Delta are carbonized inside anaerobic kilns to yield charcoal with high fixed carbon content and standard moisture levels.



FINE CRUSHING & IMPURITY SCREENING

The coconut charcoal is finely crushed and screened to eliminate impurities, ensuring high purity and low ash content.



ORGANIC BINDER BLENDING

The coconut charcoal powder is thoroughly blended with natural tapioca starch without any toxic chemicals, guaranteeing a clean and odorless burn.



HIGH-PRESSURE BRIQUETTE SHAPING

The coconut charcoal mixture is extruded under high pressure into uniform briquette blocks, optimizing hardness and preventing breakage.



CLOSED DRYING & FINAL PACKAGING

The shaped briquettes undergo a closed drying process down to a low moisture level of <math><5\% \sim 8\%</math>, making them easy to ignite, spark-free, and fully compliant with export packaging standards.

PRODUCT APPLICATIONS



SMOKELESS BBQ RESTAURANT CHAINS

100% eco-biomass, smokeless, odorless, and spark-free; ensuring stable heat retention and providing a safe, clean grilling experience.



BACKYARD BBQ & CAMPING

Boasts a continuous burning time of 3.5–4.5 hours and easy ignition, keeping your barbecue parties running smoothly without interruption.



INDOOR SPACE HEATING

Thoroughly processed to remove impurities, generating no toxic gases during combustion with an ultra-low ash content (<3%), keeping the usage surface perfectly clean.

COCONUT SHELL CHARCOAL GRADING



NATURAL COCONUT SHELL CHARCOAL FLAKES



COCONUT SHELL BBQ BRIQUETTES



COCONUT SHELL SHISHA CHARCOAL (CUBE)





EXPORT PACKAGING SPECIFICATIONS



Layer 1 (Moisture-Proof)

Charcoal is tightly sealed inside PE plastic bags to provide total insulation against marine moisture.



Layer 2 (Heavy-Duty Load)

Packed into premium, ultra-thick 5-layer carton boxes that offer high load capacity and prevent deformation during multi-tier stacking.



Layer 3 (Securing & Stabilization)

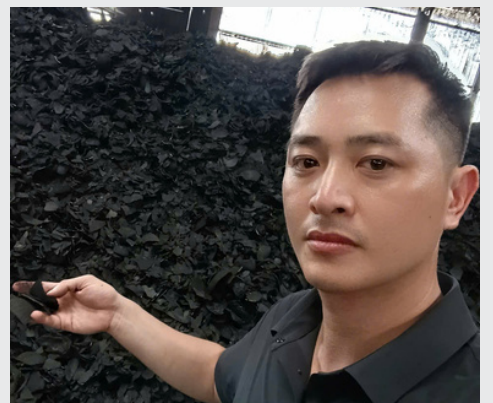
Reinforced with heavy-duty PP plastic strapping and wrapped with PE stretch film around pallets (upon request).



OEM / Private Label Services

Comprehensive support for custom brand logo printing on cartons (Flexo/Offset printing), labeling, and barcoding in full compliance with importing country regulations.

FROM FACTORY TO WORLDWIDE





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