



COMPANY PROFILE

PT. SURYA TIRTA MULIA

ABOUT US

STM is an international trading company focusing in Indonesian agriculture commodities such as Bettelnut, Black and White Peppers, Dried Cassava for consumption and Bioethanol, Patchouli oil, and also one of our best product is Wood Pellets. Our company is run by expertise and has a committed team to serve our customers with procurement and sourcing device. We obtain high-quality Wood Pellets from a large network of authorized Producer or farmers and supply them to our customers. Our commitment to quality, trustworthiness and consistency has earned us a reputation as a reliable provider of Wood Pellets supplier for our customers

Our target is to provide a recycled fuel which can support customers in making adjustments and change in their fuel plans and costs, when responsibly transitioning to a renewable green energy source, firing specifically pure biomass or co-firing with coal.



STM is concerned with doing business in a sustainable manner. As a consequence, certification is a crucial element of our journey toward sustainability. As a business actor, certification provides vital information about our performance and areas where we need to continue improve in order to enhance efficiency and productivity

INSIGHT OF WOOD PELLETS

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WOOD PELLETS PRODUCT

Wood pellets are the most common type of pellet fuel and are generally made from compacted sawdust and related industrial wastes from the milling of lumber, manufacture of wood products and furniture, and construction. Other industrial waste sources include empty fruit bunches, palm kernel shells, coconut shells, and tree tops and branches discarded during logging operations. So-called "black pellets" are made of biomass, refined to resemble hard coal and were developed to be used in existing coal-fired power plants. Pellets are categorized by their heating value, moisture and ash content, and dimensions. They can be used as fuels for power generation, commercial or residential heating, and cooking. Pellets are extremely dense and can be produced with a low moisture content (below 10%) that allows them to be burned with a very high combustion efficiency.



Further, their regular geometry and small size allow automatic feeding with very fine calibration. They can be fed to a burner by auger feeding or by pneumatic conveying. Their high density also permits compact storage and transport over long distance. They can be conveniently blown from a tanker to a storage bunker or silo on a customer's premises.

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DETAILS AND SPECIFICATIONS

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DETAILS

- White pellet = wood pellet are made of sawdust or planer shavings without bark
- Brown pellet = wood pellet are made of bark containing raw materials
- Black pellet = torrefied wood pellet
- Wood pellet : Property class A1 represents the highest quality level that is particularly relevant for private end users.



Indonesia Woodpellets Usually brightly colored pellets from softwood and the dark one from hardwood. But pellets are made of soft wood from all parts of the tree ("whole tree") including bark will make darker pellets. So it is difficult to determine the quality of wood pellets of color alone. The length of pellets on the market varies from different manufacturers. Production of wood pellets requires consistent length and minimize the variation. Wood pellet diameter varies from 6 mm to 20 mm. Diameter of 6 mm is commonly used for home heating, whereas the 8 mm diameter upwards commonly used by industry and power plants. Generally hardwood pellets are preferred, especially for the stove and fireplace because it naturally has a lower water content, denser, longer burning and heat such as coal. Standard grade fuel is usually up to 3% ash content, while premium grade is less than 1 percent.

Premium pellets are usually produced from hardwood or softwood sawdust containing no tree bark.

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SPECIFICATIONS

PREMIUM WOOD PELLETS

- Key Specifications/ Special Features:
- Application: Heating System
- Din+ Quality : Good Quality Wood Pellets
- Quality :DIN+Quality wood pellets
- Diameter: 8mm or 6mm
- Length: <4cm , 10mm-25mm
- Moisture (%): 8
- Ash Content (%): 3
- Material: Pine, Beech and Oak available
- Calorific Value: 4000 Kcal/kg
- Density: <1
- Inner Density :1100-1300 KG/M3 min
- Bulk Density : 792 kg/M3 min
- Nitrogen: $\leq 0.3\%$
- Chlorine: $\leq 0.05\%$
- Sulfur: $\leq 0.05\%$

GALLERY & FAQ

PT. SURYA TIRTA MULIA



FAQ

MOQ

- FULL CONTAINER LOAD (FCL)
1 X 20' = 18 MT
- FULL CONTAINER LOAD (FCL)
1 X 40' = 26 MT

PRICE TERM

- FREE ON BOARD (FOB)
- COST AND FREIGHT (CFR)
- COST, INSURANCE, FREIGHT (CIF)

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THANK YOU

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