

COMPANY PROFILE



2025

PT. HEXA TRIMEGA ENGINEERING

88@Kasablanka Office Tower A 7th floor Unit B,
JL. Raya Casablanca Kav. 88, Jakarta Selatan, 12870



PT. Hexa Trimega Engineering is a part of the **YAHUA Group** which is located in Zhenghong City Yunxi Center, No. 138, Ruida Road, Zhengzhou High-tech Development Zone.

We are focuses on palm oil industry chain engineering technology. Our company continues to grow by embracing challenges and adapting to technological developments. Through collaboration, precision, and dedication to excellence, we strive to be a reliable partner in every project we undertake.

We invite you to learn more about our capabilities, values, and achievements through this company profile. We look forward to the opportunity to contribute to your success

Herbet Juardy

Director



VISION

To be trusted and sustainable engineering and construction company that consistently delivers excellence through human resource development and customer satisfaction.



MISSION

01

To build long-term business sustainability by embracing innovation, efficiency, and environmental responsibility.

02

To invest in the growth and capabilities of our people through continuous learning, training, and leadership development.

03

To prioritize customer satisfaction by delivering high-quality, timely, and value-driven solutions.

04

To foster a professional and ethical work culture based on integrity, collaboration, and mutual respect.



OUR SERVICE

MECHANICAL & ENGINEERING

We collaborated with **Zhengzhou Yahua Cereals and Oils Engineering Co.,Ltd** as their partner in Indonesia to deliver precise and efficient mechanical and engineering solutions tailored to meet Palm Oil Mill demands. We provide design, installation, and maintenance services that prioritize functionality, safety and long-term performance.

FOUNDRY

We are equipped to support metal casting and foundry services with high precision and quality. From pattern making to final casting, our foundry operations focus on durability, performance and cost-efficiency for various industrial applications.



WASTE MANAGEMENT SYSTEM

Our waste solutions are designed to support sustainable operations and environmental compliance. We provide planning, implementation, and improvement of Palm Oil Mill waste treatment systems tailored to each client's needs.

**“INNOVATING PALM OIL MILL
FOR A SUSTAINABLE FUTURE”**



OUR EXPERIENCE

01

PT. NIPINDO (MAKIN)

2011
40 T/H
PALM OIL MILL

02

PT. NIPINDO (MAKIN)

2012
60 T/H
PALM OIL MILL

03

PT. SMART, Tbk

2014
40 T/H
PALM OIL MILL

04

PT. FAJAR AGRO

2016
30 T/H
PALM OIL MILL

05

PT. KUTAI AGRO

2019
45 T/H
PALM OILMILL

06

PT. NUNUKAN B S

2021
60 T/H
PALM OIL MILL



WASTE MANAGEMENT SYSTEM

Effective waste management in palm oil mills is essential for protecting the environment and ensuring sustainable production. By processing by-products such as Empty Fruit Bunches, Palm Oil Mill Effluent, and fiber, we minimize pollution, recover valueable resources, and create added value. Proper waste treatment not only complies with environmental regulations but also supports a circular economy, turning potential waste into opportunities for renewable energy, organic fertilizer and other eco-friendly products.



ORGANIC FERTILIZER

organic fertilizers produced from Palm Oil Empty Fruit Bunches (EFB) is an eco-friendly and resourceful way to recycle agricultural waste into valueable nutrients for the soil. Rich in organic matter, pottasium, and other essential elements, EFB-based fertilizer improves soil structure, enhances moisture retention, and promotes long-term soil fertility. By utilizing EFB, **we reduce waste, lower environmental impact, and contribute to a sustainable agricultural cycle that benefits both farmers and the planet.**



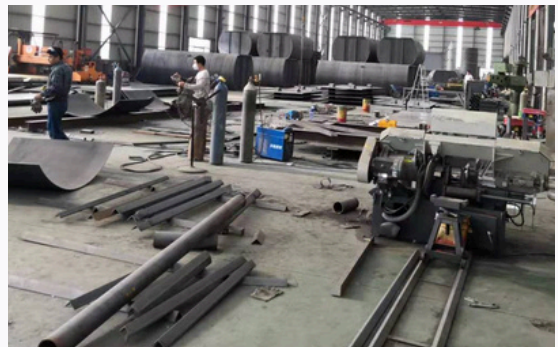
BIOCHAR

Biochar is a charcoal-like material produced from heating biomass (Empty Fruit Bunch) in a low-oxygen environment (pyrolysis). It's used primarily as a soil amendment to improve soil fertility, enhance water and nutrient retention, and potentially sequester carbon. Biochar is not a fertilizer, but rather a soil conditioner that can help plants thrive and contribute to carbon sequestration. We also collaborated with **Crystalchain(France) for carbon credit.**





OUR WORKSHOP





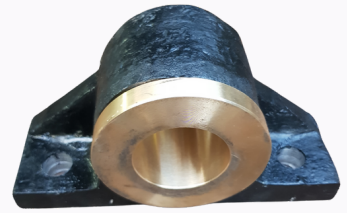
FOUNDRY PRODUCT



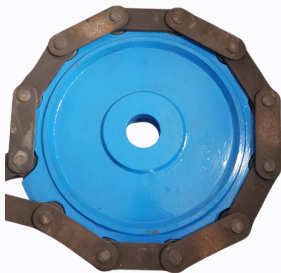
SPUR GEAR



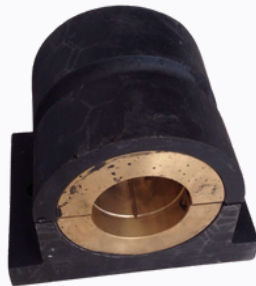
V - BLOCK DIGESTER



BLOCK BUSHING



SPROCKET



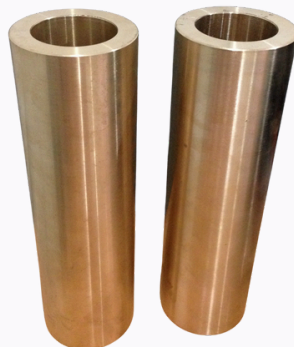
HANGER BUSHING



FIRE GRATE




PRESSCAGE



BRONZE BUSHING



BOILER DOOR



“Innovating palm oil mill for a sustainable future”



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