

**DOING**  
HENAN DOING

河南东盈环资科技有限公司

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**炭化设备** 迈向碳中和的可持续解决方案

**Charcoal Making Machine**

Carbon Neutral Solutions for a Sustainable Future





*Customer's success is DOING's success*



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# COMPANY OVERVIEW

## 公司概况

炭索未来，盈领零碳  
Carbonizing Today, Neutralizing Tomorrow

14+

YEARS EXPERIENCE

120+

MARKET COUNTRIES

20+

CERTIFICATIONS

DOING DOING HOLDINGS



## 关于我们

### About Us

作为东盈控股旗下高新技术企业，河南东盈环资科技有限公司专注于环保设备的研发与制造。我们深耕智能炭化设备开发与固废资源化技术领域，构建了集研发、智能制造与专业服务于一体的全产业链闭环。

HENAN DOING Environmental Protection Technology Co., Ltd.(HENAN DOING), a subsidiary of DOING Holdings, is a high-tech enterprise (HNTE) of carbon-neutral solutions specializing in intelligent charcoal making systems and solid waste recycling technologies.



研发

R&D



智造

Manufacture



服务

Service

HENAN DOING 的业务覆盖全球120多个国家和地区。凭借对卓越品质与服务的执着追求，我们已成为环境技术领域备受信赖的合作伙伴。依托数十年的研发与工程经验，我们致力于为客户提供从原材料分析、设备选型到运营支持的端到端炭化解决方案。

With business scope spanning 120 countries, Henan DOING delivers quality-driven partnerships grounded in engineering excellence and client-focused service. Leveraging decades of engineering expertise, we deliver end-to-end carbonization solutions— from material analysis and equipment customization to operational support – empowering industries to achieve sustainable resource recovery and carbon neutrality goals.





## 公司展示

Company Show



## 工厂展示

Factory Show







# | 核心业务

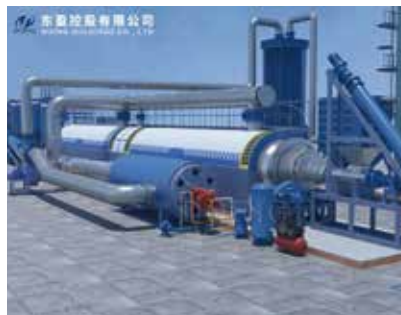
## Product Series

### 01 高效炭化、热解与环保处理设备

Waste Carbonization Pyrolysis Machines & Environmental Devices



稻壳/椰壳/秸秆/锯末生物质炭化设备  
Rice husk / Coconut Shell / Straw / Sawdust  
/ Wood Biomass Charcoal Making Machines



废轮胎/废塑料/油泥固废危废热解处理设备  
Waste Tire / Waste Plastic / Oil Sludge  
Solid Hazardous Pyrolysis Plants



裂解油/废机油/矿物油蒸馏精炼设备  
Pyrolysis Oil / Waste Oil / Mineral Oil  
Distillation Plants

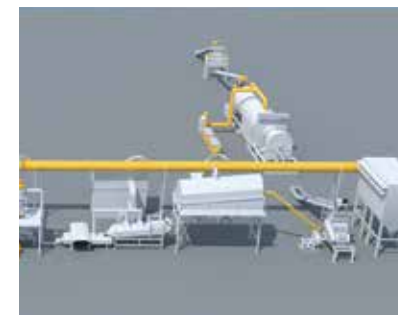


### 02 电子垃圾处理回收设备

Electronic Waste Treatment Recycling Machine



废旧光伏板回收设备  
Solar Panel Recycling Machine



废旧锂电池回收设备  
Lithium Battery Recycling Machine



电路板/铜线/散热器/铝塑废弃物破碎分选设备  
Circuit Board / Copper wire / Radiator /  
Aluminum plastic Waste Crushing and  
Separation Equipment

东盈环资 —— 以技术引领行业，以智造碳中和未来。  
HENAN DOING——Leading the industry with advanced technology;  
forging carbon neutrality with smart manufacturing.



## 企业实力 Corporate Strength



### 技术深耕，专利支撑 Tech-Driven · Patent-Backed

独立研发团队专注于废物资源化核心技术攻坚，多项专利成果支撑，设备性能在行业中持续领先。

Dedicated R&D team focuses on core waste to energy conversation technologies. Multiple national patents ensure equipment performance at industry-leading standards.



### 全球服务，高效响应

Global Service · Agile Response

提供定制化方案与全生命周期服务，尼日利亚海外仓与全球网络联动，确保交付稳定可靠。

Tailored solutions & full life-cycle support. Our Nigeria-based overseas warehouse enables worldwide coverage with guaranteed efficient delivery.



### 碳效赋能，持续发展 Carbon Efficiency · Sustainable Future

设备将废物转化为高值炭品，减少焚烧碳排放，助力客户积极推动碳资产管理，并致力于碳中和目标的实现。

Convert solid waste into high-value carbon products, reducing incineration emissions and enabling carbon sequestration. Empower clients to build carbon asset portfolios through technology innovation for carbon neutrality goals.





# 企业资质荣誉&专利证书

## Corporate Certificates



# 产品认证 CERTIFICATES

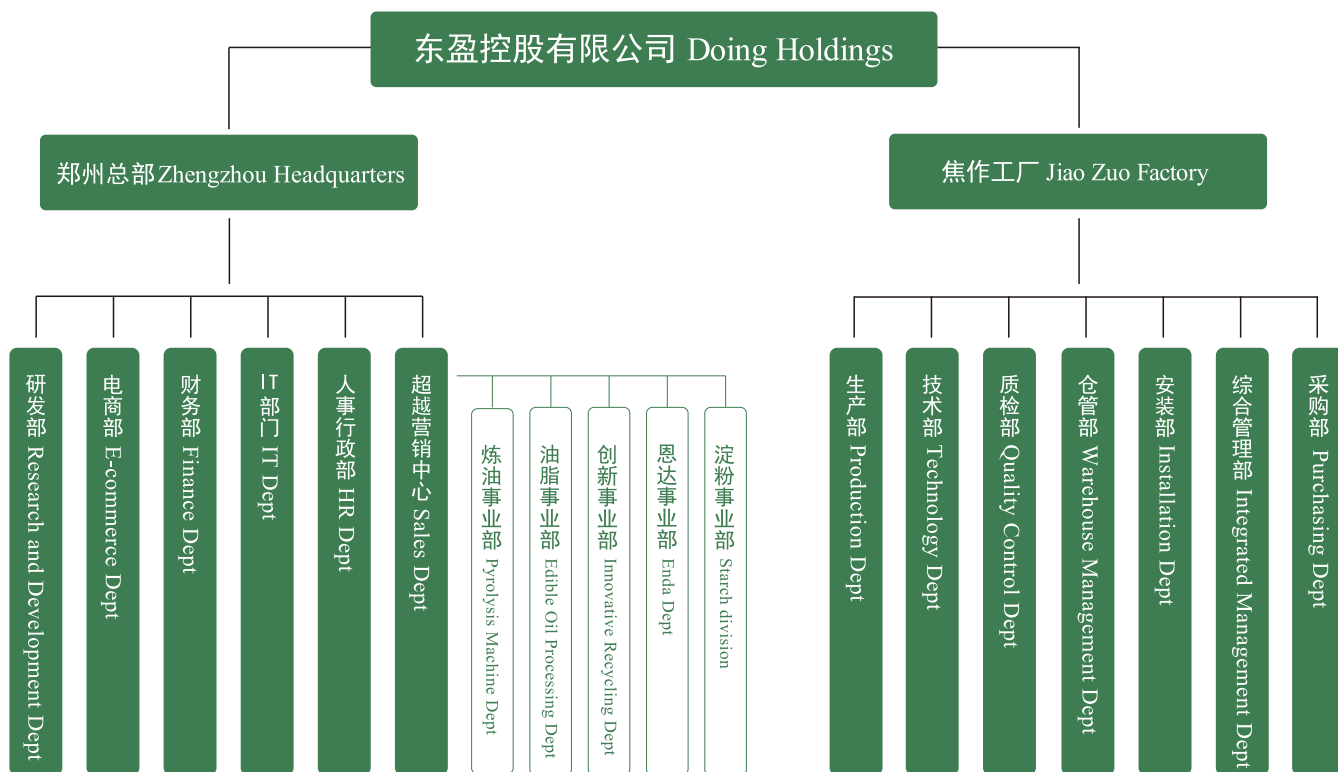






# 组织架构

## Company Department



# 业务范围

## Business Scope

东盈深耕环保技术, 业务遍及全球120余国, 以品质和服务赢得客户信赖。凭借丰富的自研生产与工程经验, 提供从原料评估、设备选型到运维支持的全链条炭化解决方案。东盈炭化设备具备全连续、半连续、间歇三种基础机型, 支持炭化工艺、处理量、辅助设备等多参数定制, 满足多元化应用场景, 助力客户实现资源高效转化与碳中和目标。

With a presence across 120 countries and regions, Henan Doing Company has established itself as a trusted partner in environmental technology through unwavering commitment to quality and service. Leveraging decades of R&D and engineering expertise, we deliver end-to-end carbonization solutions—from raw material analysis and equipment selection to operational support.

DOING charcoal making machines offer three types(fully-continuous, semi-continuous, and batch), with customizable configurations including carbonization process, processing capacity, and auxiliary equipment. Designed for diverse applications, these solutions empower clients to achieve efficient resource conversion and carbon neutrality goals.

间歇式炭化设备  
Batch Type  
Charcoal Making Machine

半连续式炭化设备  
Semi-Continuous Type  
Charcoal Making Machine



全连续式炭化设备  
Fully-continuous Type  
Charcoal Making Machine

配套辅助设备  
Other Auxiliary Equipment



# PRODUCT SOLUTIONS

## 产品解决方案

智能炭化系统，高效转化每一份资源

Intelligent Carbonization Systems: Transforming Resources with Precision Efficiency



## 炭化设备简介

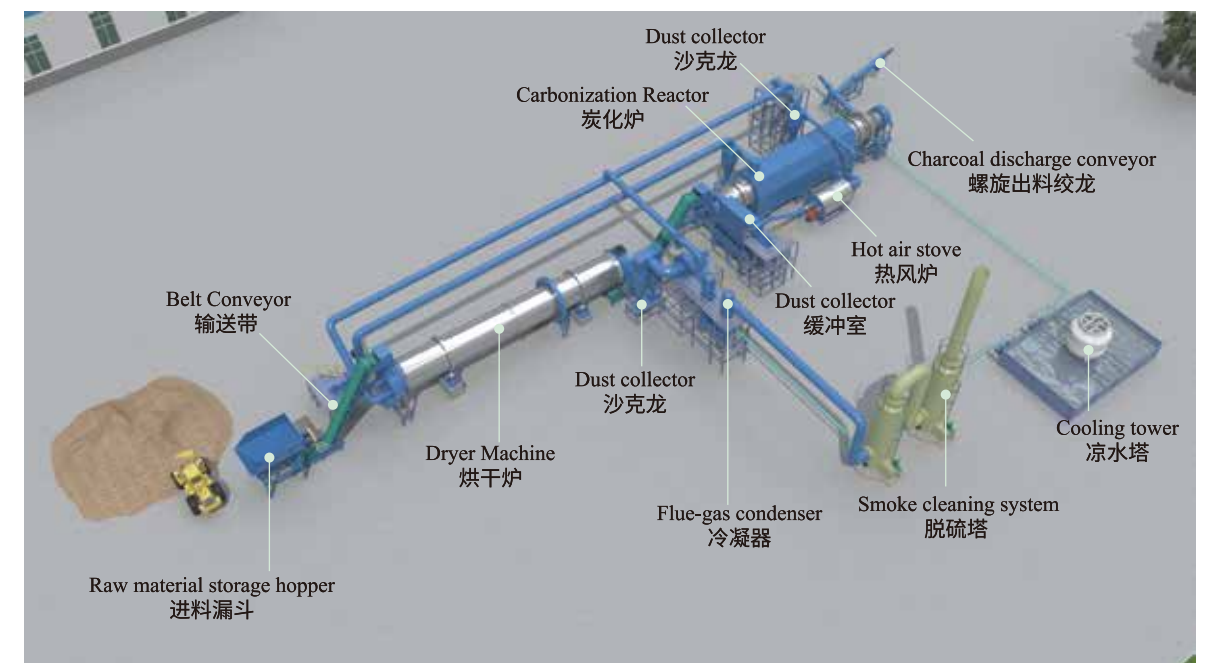
### Charcoal Making Machine

炭化设备运用热解技术,在高温、无氧环境中,将生物质(如木材、果壳、玉米芯、稻壳、秸秆、林业剩余物、竹子等)及各类有机废弃物进行高效转化。该过程将废弃物转化为高价值的生物炭,同时产生可燃气和热能,实现资源循环利用,创造可观经济效益与环保效益。

DOING炭化设备的核心优势在于其低碳排放特性,是实现资源优化利用和碳中和目标的理想选择。通过生物炭的碳封存作用以及可燃气、热能的能源替代,每台设备每年可贡献数百吨的CO<sub>2</sub>减排量。

Charcoal making machine utilizes pyrolysis technology to efficiently convert biomass(such as wood, nutshells, corn cobs, rice husks, straw, forestry residues, bamboo, etc.) and various organic wastes in a high-temperature, oxygen-free environment. This process transforms waste into high-value biochar, while also generating syngas and thermal energy, achieving resource circular utilization and creating significant economic and environmental benefits.

DOING charcoal making machine's core advantage lies in its low-carbon emission characteristics, making it an ideal choice for achieving optimized resource utilization and carbon neutrality goals. Through the carbon sequestration effect of biochar and the energy substitution provided by syngas and thermal energy, each unit can contribute to hundreds of tons of CO<sub>2</sub> emission reduction annually.







# | 原料

## Raw Materials

### 01 木材加工废料

#### Wood Processing Waste



Wood Chips 木屑



Waste Furniture 废旧家具



Sawdust 锯末



Bamboo 竹

### 02 农业种植废弃物

#### Agricultural Planting Waste



Corn Cob & Stalk 玉米芯&秸秆



Rice Husk 稻壳



Straw 秸秆



Palm Fruit Bunch 棕榈果串

### 03 食品加工废弃物

#### Food Processing Waste



Coconut Shells 椰子壳



Palm Kernel Shell 棕榈仁壳



Nut Shell 坚果壳



Fruit Core 果核

### 04 森林管理废弃物

#### Forest Management Waste



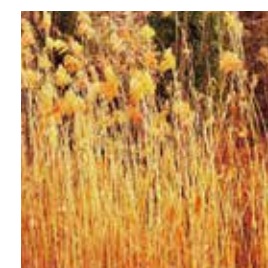
Wood Logs 原木



Branches 树枝



Trunks 树干



Other Plants 其他植物

### 05 其他生物质材料

#### Other Biomass Materials



Food Waste 厨余垃圾



Herbal Medicine Residue 中药渣



Animal Feces 动物粪便



Sludge 污泥

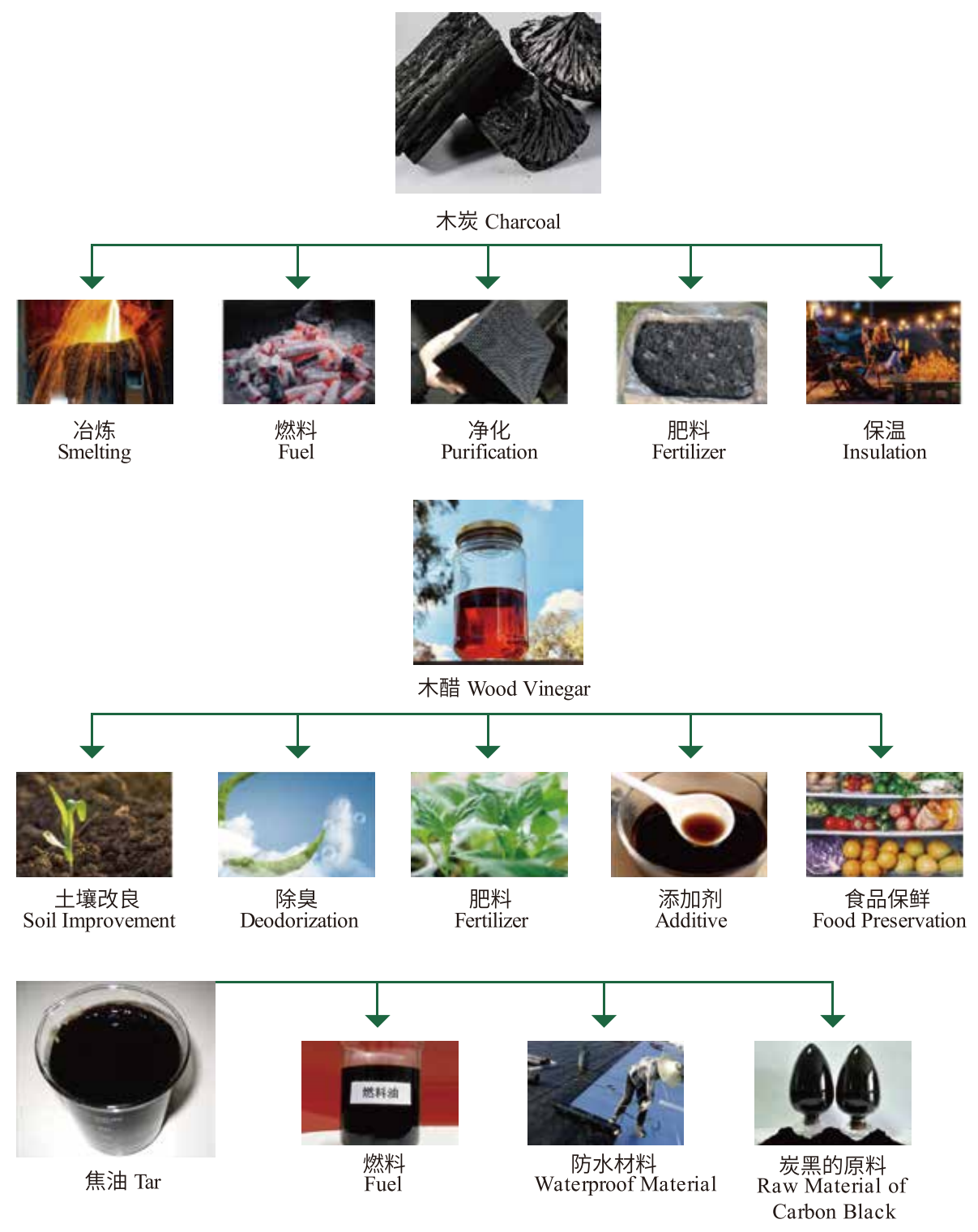






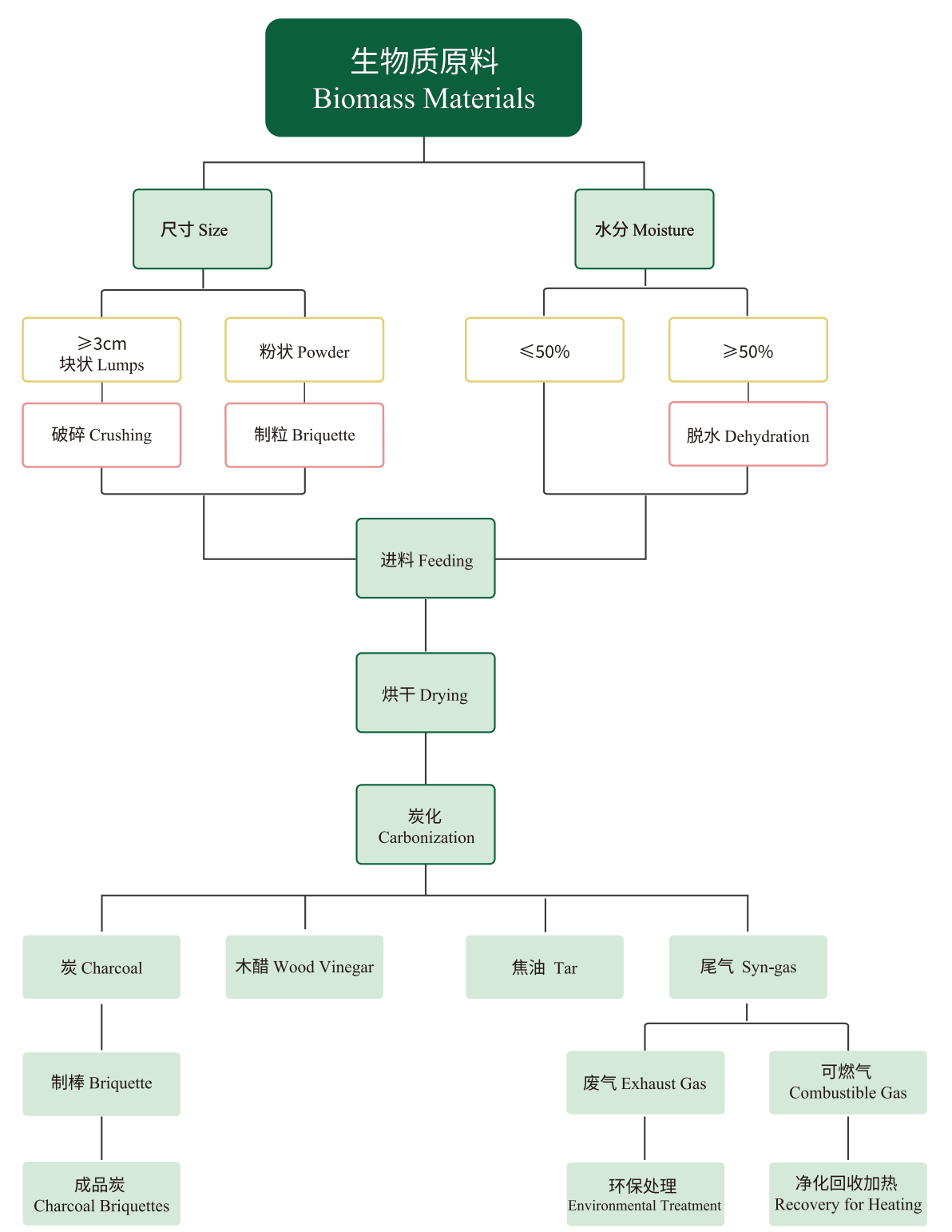
# 产物用途

## Final Products Applications



# 生产流程图

## Processing Flow Chart







# 技术参数

## Technical Parameter

| 设备名称<br>MACHINE NAME      | 炭化设备 CHARCOAL MAKING MACHINE                                                                                                                      |                          |                                  |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|
| 可用原料<br>INPUTS            | 生物质材料:椰子壳/棕榈壳/锯末/竹子/玉米芯/稻壳/稻草/木材/坚果壳等。<br>Biomass Materials: Coconut Shell/Palm Shell/Sawdust/Bamboo/Corn Cob/Rice Husk/Straw/Wood/Nut Shell,etc. |                          |                                  |
| 最终产品<br>OUTPUTS           | 木炭、木醋液、焦油(生物燃料)、可燃气体<br>Charcoal, Wood Vinegar, Tar(Bio-fuel), Combustible Gas                                                                    |                          |                                  |
| 型号<br>MODEL               | DY-T-1 DY-T-3 DY-T-5 DY-S-5 DY-S-10 DY-S-12 DY-S-15<br>DY-0.1 DY-0.5 DY-1 DY-2 DY-5 DY-10 DY-12 DY-15                                             |                          |                                  |
| 厚度<br>THICKNESS           | 14毫米/16毫米/18毫米/20毫米/22毫米<br>14mm/16mm/18mm/20mm/22mm                                                                                              |                          |                                  |
| 总功率<br>TOTAL POWER        | 10KW-100KW                                                                                                                                        | 重量<br>Weight             | 1T-100T                          |
| 加热类型<br>HEATING TYPE      | 直接/间接<br>Direct/Indirect                                                                                                                          | 所需工人<br>Required Wrokers | 2--3个工人<br>2~3 Workers Per Shift |
| 加热燃料<br>HEATING FUEL      | 燃油/燃气/煤炭/木头<br>Fuel Oil/Natural Gas/Coal/Wood                                                                                                     |                          |                                  |
| 炭化炉材质<br>REACTOR MATERIAL | Q345R/Q245R锅炉板, 304/316/309S/310S不锈钢<br>Q345R/Q245R Boiler Plate, 304/316/309S /310S Stainless Plate                                              |                          |                                  |
| 冷却类型<br>COOLING TYPE      | 循环水冷却 Circulating Water Cooling                                                                                                                   |                          |                                  |
| 冷却系统<br>COOLING SYSTEM    | 列管式冷凝系统/沙克龙冷凝系统<br>Tube Condensing System/Cyclone Cooling System                                                                                  |                          |                                  |
| 占地面积<br>FLOOR SPACE       | 15-900m²                                                                                                                                          |                          |                                  |



# 间歇式炭化设备

## Batch Type Charcoal Making Machine

| 间歇式炭化设备 Batch Type Charcoal Making Machine |        |        |      |      |      |       |       |       |
|--------------------------------------------|--------|--------|------|------|------|-------|-------|-------|
| 型号 Model                                   | DY-0.1 | DY-0.5 | DY-1 | DY-2 | DY-5 | DY-10 | DY-12 | DY-15 |
| 处理量 Capacity                               | 100KG  | 500KG  | 1T/D | 2T/D | 5T/D | 10T/D | 12T/D | 15T/D |





# | 半连续式炭化设备

## Semi-Continuous Type Charcoal Making Machine

| 半连续式炭化设备 Semi-Continuous Type Charcoal Making Machine |        |         |         |         |
|-------------------------------------------------------|--------|---------|---------|---------|
| 型号 Model                                              | DY-S-5 | DY-S-10 | DY-S-12 | DY-S-15 |
| 处理量 Capacity                                          | 5T/D   | 10T/D   | 12T/D   | 15T/D   |



# | 全连续式炭化设备

## Fully-continuous Type Charcoal Making Machine

| 全连续炭化设备 Fully-continuous Type Charcoal Making Machine |        |        |        |
|-------------------------------------------------------|--------|--------|--------|
| 型号 Model                                              | DY-T-1 | DY-T-3 | DY-T-5 |
| 处理量 Capacity                                          | 1T/H   | 3T/H   | 5T/H   |







## PLC智能化控制系统

### PLC Intelligent Control System

PLC智能化控制系统利用可编程逻辑控制器实现高效、灵活且自动化的精准控制过程，具有功能强大、性价比高、硬件设施齐全、用户方便、适应性强、可靠性高等特点。PLC结合了电气系统、控制系统、检测系统和软件操作系统，能够自动控制和监控整个工厂的机械和电气系统，让智慧化生产贯穿到企业生产的每一个环节，以便提高生产效率和自动化水平。

PLC intelligent control system uses programmable logic controllers to achieve efficient, flexible, automated and precise control processes, and has the characteristics of powerful functions, high cost performance, complete hardware facilities, user convenience, strong adaptability and high reliability. PLC combines electrical systems, control systems, detection systems and software operating systems, and can automatically control and monitor the mechanical and electrical systems of the entire factory. It allows intelligent production to run through every link of enterprise production in order to improve production efficiency and automation level.



## 辅助设备

### Other Auxiliary Equipment

生物质粉碎机  
Biomass Shredder



大块木料 Large Wood



木头碎片 Wood Pieces

生物质造粒机  
Biomass Pellet Machine



木屑 Wood Chips



生物质颗粒 Biomass Pellet

木炭压球机  
Charcoal Briquette Machine



炭粉 Charcoal Powder



炭球 Charcoal Briquette

木炭粉制棒机  
Charcoal Powder Briquettes Extruder



炭棒 Charcoal Stick



炭块 Charcoal Lump





## CUSTOMER SUPPORT

### 客户支持

全周期技术护航，成就可持续产业未来

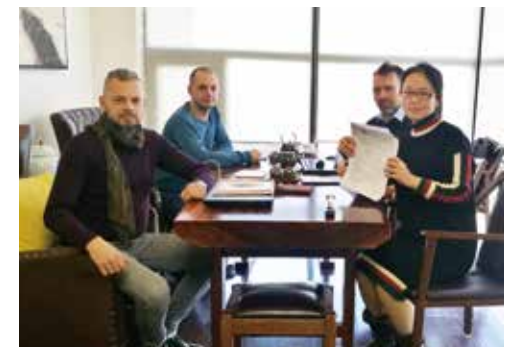
End-to-End Technical Partnership for Sustainable  
Industrial Advancement





# 客户来访

## Customer Visit







## 设备发货 Machine Delivery







## 项目现场 Project Case



巴西 Brazil



哈萨克斯坦 Kazakhstan



巴西 Brazil



印度尼西亚 Indonesia



山东 Shandong



台湾 Taiwan



西班牙 Spain



韩国 South Korea



山西 Shanxi



重庆 Chongqing



泰国 Thailand



越南 Vietnam





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