

Charcoal Briquette Machine

High-performance spiral extrusion forming for premium charcoal briquette production



🌿 260-300 kg/h

💎 High density

🌿 CE Certified



⚙️ Precision spiral extrusion – high-density charcoal briquettes for BBQ & industrial use

Charcoal Briquetting Solution

Manto Machinery charcoal briquette machine series adopts precision spiral extrusion molding technology matched with quantitative feeding and high-pressure forming systems. Specially designed for processing wood chips, bamboo scraps, rice straw, fruit shells, coconut shells and other lignocellulosic raw materials, this professional molding equipment produces high-density semi-finished fuel rods via spiral extrusion; the rods will then be sent into carbonization furnaces for carbonization to turn into dense finished charcoal, perfectly catering to diversified application scenarios of barbecue, heating and other industrial uses.

Key advantages: Stable continuous spiral extrusion operation, high molding density and finished product rate, strong adaptability to various lignocellulosic raw materials, and sturdy mechanical structure that guarantees stable long-term operation. The standardized modular design enables seamless connection with drying and carbonization equipment to form a complete integrated charcoal production line.



High Capacity

260-300 kg/h output



Sturdy & Reliable

Low maintenance cost



Premium Quality

High density & uniform
briquettes



Easy Operation

Automated control system

Key Applications

BBQ Charcoal Briquettes

Heating Fuel

Industrial Charcoal

Hookah Charcoal

Biomass Fuel

Global Export Business

Professional Custom

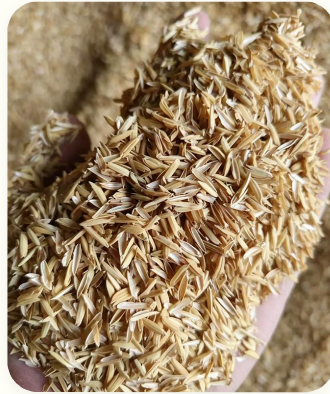
Full Plant Design

Reliable After-sales

🌲 Applicable Raw Materials



☑ Wood chips



🌱 Bamboo scraps



🌾 Rice straw



🥥 Coconut shells

Moisture content: 8%–12% · Feed size \leq 5 mm

🔧 Finished Products & Applications



🔥 BBQ Charcoal Briquettes

🏭 Industrial Fuel Briquettes

👤 Hookah Charcoal

🌱 Biomass Energy

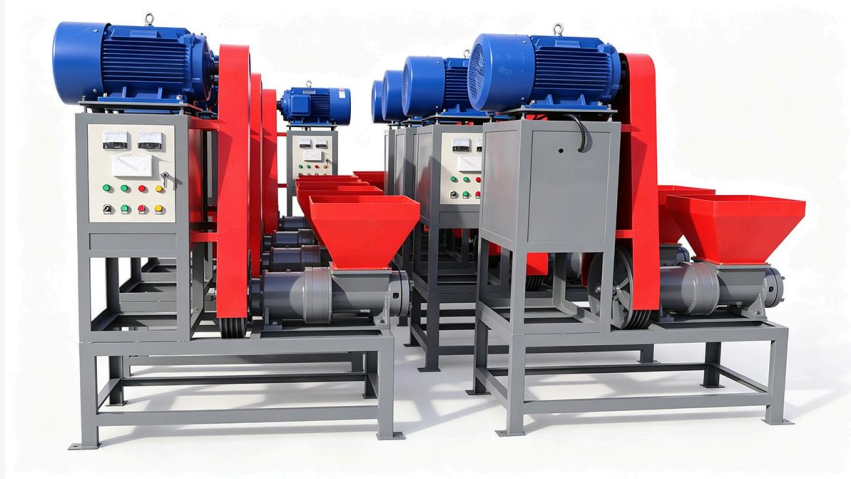
High density · Uniform shape · Custom diameters for barbecue, hookah, industrial & biomass energy applications

📈 Typical Output Effect

High-density charcoal briquettes
Uniform diameter and smooth surface
Custom length and diameter

🌿 Eco Benefits

1 ton biomass waste = 0.3 ton high-quality charcoal
Clean combustion, renewable resource utilization



🌲 Complete briquetting line – efficient & stable

📋 Technical Specifications

Model	Power (kW)	Output (kg/h)
50	18.5	260
50-2	22	300

* Parameters based on standard biomass material (moisture 8%–12%). Actual output varies by material composition and moisture.

📄 Production Process Flow



🔧 **Optional Upgrades:** Automatic feeding system · Discharge conveyor · Custom diameter molds · PLC control panel.

🔑 Briquetting Machine Highlights

🌿 High-pressure spiral extrusion

⚙️ Continuous operation

🏠 Custom briquette sizes

📏 High density & uniform quality

🏠 CE Certification

🚚 48h After-sales Response

👨‍🔧 Free Line Design

📞 7×24h Tech Support



Premium Charcoal Briquetting Solutions

Reliable Partner for Biomass Charcoal Production & Resource Utilization

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🌱 CE Certified · Global Service

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