

Charcoal Briquette Machine



HONEYCOMB COAL BRIQUETTE MACHINE | CHARCOAL PRESS MACHINE

Model	WD-HC120
Power	5.5kw
Maximum diameter of charcoal	120mm
Capacity	45 Pcs/time



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Product Details

Honeycomb coal briquette machine is also called honeycomb charcoal press machine. It is a briquette machine equipment that crushes raw coal or sieving coal powder and coke powder, adding additives in a certain proportion, and punching it into a briquette shape. Various shapes can be made by changing molds of different shapes. It greatly expands the functions of the briquettes machine and is favored by the majority of users. It is an ideal briquettes machine product for entrepreneurs. WOOD Machinery provides a complete [charcoal production line](#) for our customers, if interested, welcome to consult us anytime.



Honeycomb coal briquette machine



Charcoal press machine

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Raw materials of honeycomb briquette press machine

The raw material of briquette is charcoal powder, coal powder and clay. On the one hand, clay can act as a binder, and the briquette is not easy to disperse after burning. On the other hand, adding loess can increase the profit of the finished product. Moreover, the grass powder and saedust can also be press into honeycomb.



raw materials of honeycomb briquetting machine

Products display of honeycomb coal briquette machine

Honeycomb coal briquettes are mainly used for home fire and heating. The production diameter of the briquettes is from 12 cm to 16 cm. The honeycomb coal briquette machine can easily exchange molds. The functions of the briquettes machine can be greatly expanded by replacing the molds of different shapes, which are very popular among users.



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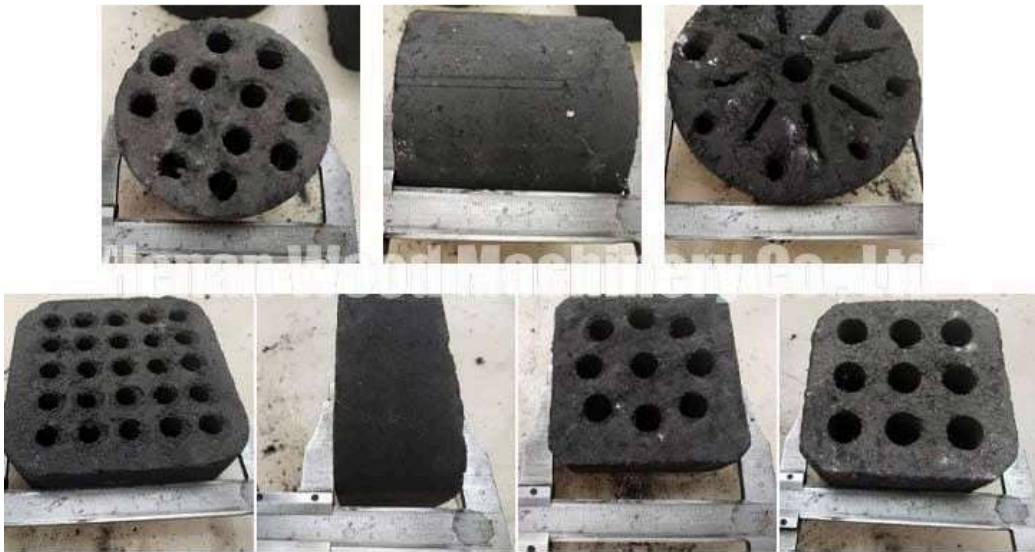


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honeycomb coal briquettes of many shapes



honeycomb coal display


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Hexagonal coal

Working video of briquette machine




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Structures of honeycomb coal briquette machine

The structure of the honeycomb coal machine is simple, all parts cooperate with each other, and the operation is coordinated and stable.

The honeycomb coal machine has a simple structure and is divided into five parts: body, transmission, feeding, punching and conveying.

- Body part: It is composed of a platen and a base as the skeleton entity of the machine.
- Transmission part: It is composed of motor, belt pulley, gear, transmission shaft and other components. The motor drives the pulley to rotate the gear shaft and transmits it to the drive shaft through two gears.
- Feeding part: It is composed of rotating shaft, hopper, and agitator. It is driven by axial gear to stir the coal into the mold cylinder.
- The stamping part is mainly composed of four sliding rods, sliding beams, punches, punch seats, punches, movable pressure plates, movable die bottoms, and springs.
- The conveying part is composed of a conveying frame, a belt pulley, a bracket and a conveying belt. The conveyor belt rotates randomly to send the coal formed out of the machine body, and the adjustable screws on the conveyor frame can adjust the tightness of the conveyor belt.



pressing device



movable mold
bottom



Structures of
honeycomb coal
briquette machine

Working principle of briquette machine

The working principle of the machine is that the motor or diesel engine drives the belt pulley to drive the rocker arm of the machine, and the mold is placed on the mold plate to enter the first punching needle pre-compression and the second punching needle forming. The power mode of the machine can be an electric motor and diesel engine.



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honeycomb charcoal briquette
machine working scene



working scene

Features of honeycomb coal briquette machine

- The honeycomb briquettes are pre-compressed and then formed. The finished product has high density and is not easy to crack.
- The machine is of good quality, is not easily damaged, has no accessories, is very convenient to maintain the machine, and has a long service life. The point of maintenance is very simple, adding butter to the internal gears of the conveyor belt and adding oil to the bearings once a week. Then add oil again for 10 days and 15 days for maintenance.

Honeycomb coal press machine factory stock



honeycomb coal briquette machines in factory



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honeycomb charcoal briquette machine

Parameters of honeycomb charcoal press machine

Model	Power	Maximum diameter of charcoal	Capacity
WD-HC120	5.5kw	120mm	45 Pcs/time
WD-HC140	7.5kw	140mm	45 Pcs/time
WD-HC160	11kw	160mm	45 Pcs/time
WD-HC220	11kw	220mm	45 Pcs/time

The model is named after the maximum diameter of charcoal. For example, the machine whose products’ diameter is 120mm, so that type is called WD-HC 120.

Customer case of honeycomb charcoal briquette machine


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Customers in Indonesia intend to invest in a small charcoal plant, in order to diversify their products. They chose our briquettes machine, the model is WD-HC120, the output is small and the risk is small, which is very suitable for their initial investment.



packing machine
components



packing
honeycomb
charcoal briquette
machine



honeycomb
charcoal briquette
machine

[← Charcoal Briquette Machine | Coal Press Machine](#)

[Charcoal Ball Press Machine | BBQ Charcoal Machine →](#)

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PRODUCT CATEGORY

Biomass Briquette Machine

Briquettes Packing Machine

Carbonization Furnace

Charcoal Briquette Machine

Drying Machine

Grinder & Mixer

Wood Working Equipment



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About US

WOOD machinery is a subsidiary of Shuliy Group, which was established in 2011. Its major includes designs manufacturing and selling woodworking equipment and charcoal processing equipment, including wood crusher, wood debarker, sawdust briquette making machine, BBQ charcoal making machine , charcoal production lines and so on.

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Briquettes Packing Machine

Carbonization Furnace

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Drying Machine

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