

Home » Charcoal Making Machine » Honeycomb Coal Briquette Press Machine

Honeycomb Coal Briquette Press Machine

Coal Briquettes Press Machine | Honeycomb Charcoal Briquette Machine



Home » Charcoal Making Machine » Honeycomb Coal Briquette Press Machine

Honeycomb Coal Briquette Press Machine

Coal Briquettes Press Machine | Honeycomb Charcoal Briquette Machine

5/5

>Last edit: 2024/7/31

Essential details

- ▶ Model: SL-FM220
- ▶ Number of punches: 35 times/min
- ▶ Machine weight: 3800kg
- ▶ Model: SL-FMJ-120
- ▶ Number of punches: 48 times/min
- ▶ Machine weight: 1400kg

Get Price

Send Email

Share this to    



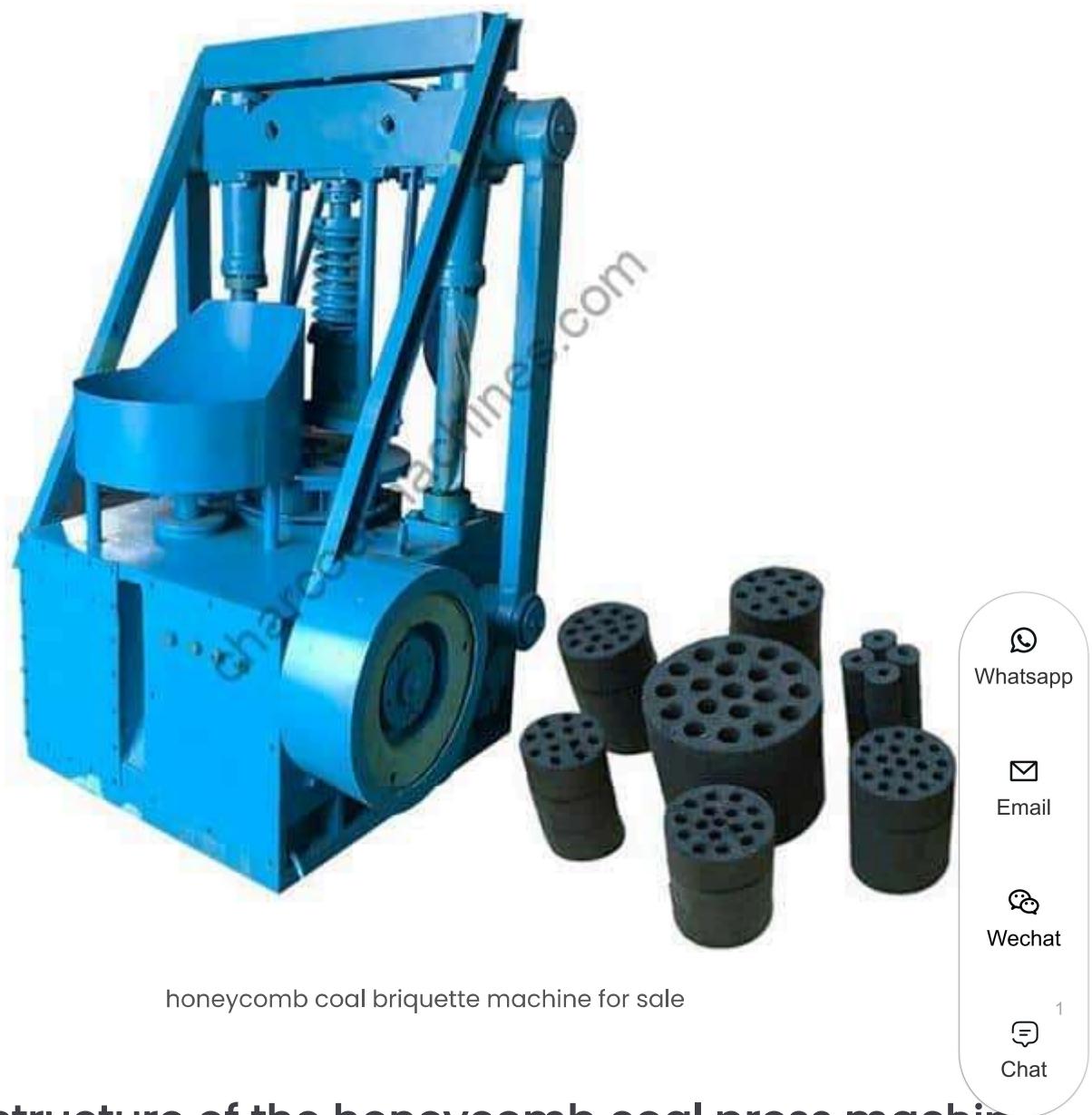
Features at a Glance

- ✓ The machine can process dozens of finished briquette sizes and shapes
- ✓ The raw materials for processing can be charcoal powder and coal powder
- ✓ The mold of the machine can be customized according to customer needs.
- ✓ The machine is free of installation and can be used directly upon arrival

The **honeycomb coal briquette press machine** produced by Shuliy Machinery is one kind of charcoal briquette machine for making **charcoal briquettes** or **coal briquettes**. The raw

materials for pressing in this **charcoal machine** are mainly charcoal powder and coal powder.

Before briquetting, we may use the **charcoal grinder** and the binder mixer to process the charcoal powder first. This process can make sure the final charcoal or coal briquettes with high density and smooth appearance for selling at good prices.



honeycomb coal briquette machine for sale

The main structure of the honeycomb coal press machine

The structure of the honeycomb coal machine is very compact and the degree of automation is high. The honeycomb coal machine is mainly composed of four sliding rods, sliding beams, punches, punch seats, punches, rotating pressure plates, movable die bottoms, and springs.

The conveyor belt of the machine's discharge port can be rotated randomly to convey the formed coal briquettes. The adjustable screws on the conveyor frame of the Honeycomb coal press machine can be used to adjust the tightness of the conveyor belt.



honeycomb coal briquette press machine with single inlet

Whatsapp

Email

Wechat

Chat

The structure of the honeycomb coal machine is mainly divided into five parts: the frame, the transmission system, the feeding device, the **stamping** system, and the conveying device. When the machine is started, the motor of the coal press machine is driven to drive the toothed pulley to rotate and pass to the drive shaft through two gears, and then drive the dial through a pair of bevel gears and the rotating shaft.



honeycomb coal briquettes production effect

 WhatsApp Email Wechat Chat

1

The sliding beam is driven by the rotation of the two gears through the pull rod. When the punch goes down, the movable plate moves up, the spring is tightened, and the pulverized coal is pressed into shape. The density and hardness of coal briquettes are determined by the pressure of the spring pressing the movable platen.

Coal briquettes press machine video



Honeycomb coal machine working principle

The honeycomb charcoal briquette machine can press the pulverized charcoal powder or coal powder into briquettes with a certain shape. It is mainly composed of five parts: main body, transmission part, feeding part, molding part, and transport part.





coal briquette machine with double inlets

 WhatsApp

 Email

 Wechat

 Chat

Especially the molding part is the most interesting part for it can be changed with different molds for making different shapes of coal briquettes. Adding the powder material to the machine for stamping, forming, and demoulding, and then we can final solid charcoal or coal briquettes.



coal briquettes with different sizes

Whatsapp

Email

Wechat

Chat

Advantages of the honeycomb charcoal briquette machine

The charcoal or coal briquettes made by this honeycomb coal machine marked with a number of holes inside the cylinder makes it seem like a honeycomb because it can increase the surface area of the coal briquettes so that they are easy to be ignited and can burn enough.



Roud coal briquettes

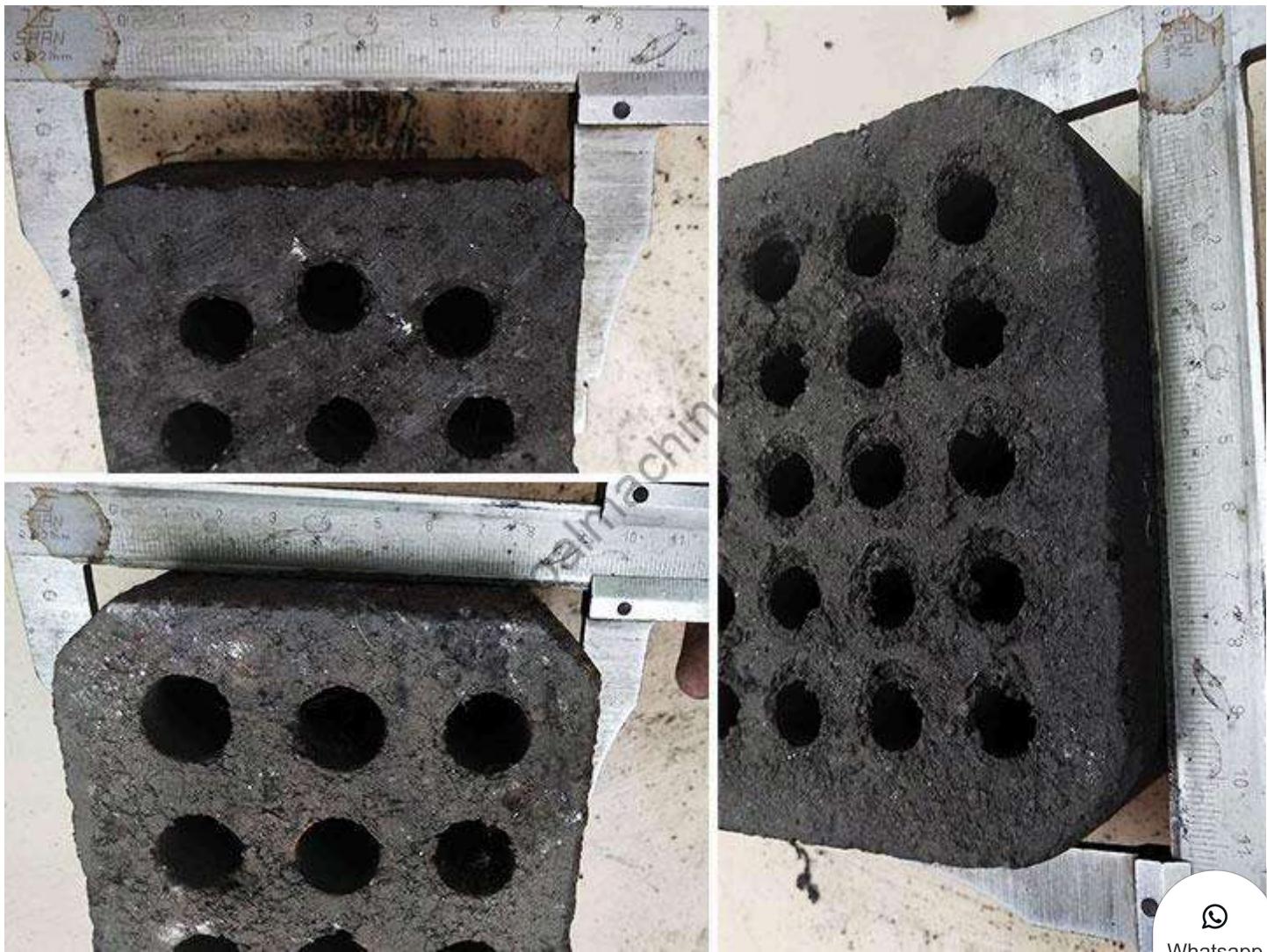
The coal briquettes can be 4, 9, 12, 14, 16, 18, 19, 20 holes with round, honeycomb, cy and flower shapes, and which have high density and good appearance, easy for r and storage.

Whatsapp

Email

Wechat

Chat



square coal briquettes

In the production process, the length and diameter of the coal briquettes can be customized according to the requirements of the customers, and it can be used a multi-purpose machine, which is convenient and practical.

Whatsapp

Email

Wechat

Chat



honeycomb charcoal machine manufacturer

Applications of honeycomb charcoal press machine

The honeycomb coal briquette press machine has been improved several times and is now mainly used for household fire, heating, and honeycomb-shaped cylindrical briquettes made of anthracite. In the past, people processed pulverized coal into small pieces slightly larger than table tennis.

 WhatsApp

 Email

 Wechat

 Chat



coal charcoal briquettes of various shapes

Now, we make the coal briquettes by the ***charcoal making machine*** with holes and different shapes which can increase the surface area of coal, enable coal to burn and reduce resource waste. Most of these charcoal and coal briquettes are used for barbecue, cooking, and home or industry heating.

 Whatsapp

 Email

 Wechat

 Chat
1



coal briquettes production

 WhatsApp Email Wechat Chat 1

Features of honeycomb coal machine

The honeycomb coal machine has a simple structure and is divided into five parts: body, a rotation, a feeding, a stamping, and a conveying. The parts work together, and the operation is coordinated and stable.

1. The body part: consists of a platen and a machine base, which are opened into the skeleton of the machine.
2. Transmission part: It consists of a motor, pulley, gear, driveshaft, and other components. The motor rotates the gear shaft through the pulley and transmits it to the transmission shaft through two gears. The pair of bevel gears and the rotating shaft drive the dial, and the dial is turned to move to the four-hole disc.
3. Feeding part: It consists of a rotating shaft, a hopper, and a stirrer. It is driven by

an axial gear to stir the coal and mix it into the mold.

4. The stamping part mainly consists of four sliding rods, a sliding beam, a punching rod, a punching seat, a punching head, a movable pressing plate, movable mold bottom, and a spring. When the honeycomb coal press machine rotates, the two gears rotate through the pull rod to drive the sliding beam. When the punch goes down, the punch is forced to move down, the movable plate moves up and the spring is tightened, the coal is pressed and the coal is punched, and the formed coal is loose, by the spring. Press the active plate to determine the compression of the coal.
5. The conveying part is composed of a conveyor frame, a pulley, a bracket, and a conveyor belt. The conveyor belt is randomly rotated to send the shaped coal out of the body, and the adjustable screw on the conveyor can adjust the tightness of the conveyor belt.

Honeycomb coal briquette press machine video



Honeycomb coal briquette machine parameters

model	XFM125	XFM83	FM220	FMJ102	FMJ-12
Forming height (mm)	70-100	70-90	75-90	70-80	70-80
Number of punches (Times/minute)	48	48	35	45	48
Number of buckets (piece)	1	1	1	1	1
Power (kW)	7.5	7.5	11	4.5	7.5
Machine weight (kg)	1600	1800	3800	1100	1400
Molded coal specification (mm)	φ100×75 φ125×75	φ150×90 φ140×90	φ220×90 φ200×90	φ100×75 φ120×75	φ120×75 φ100×75

honeycomb coal machine parameters

The cooperative customers of compressed coal briquette machine

This kind of coal briquettes forming machine is currently popular in many African countries and Southeast Asian countries. The countries with the most deals with our Shuliy factory in the past three years are Uganda, South Africa, Ghana, Congo, Ethiopia, Nigeria, Israel, Iraq, Philippines, Vietnam, Cambodia, South Korea, the United States and Argentina. If your charcoal factory also wants to process different shapes of coal briquettes, welcome to inquire with us. We will provide you with all the relevant information and quotations of the machine.



Matching Equipment



Honeycomb Coal Briquette Production Line | Briquettes Charcoal Processing Plant

Whatsapp

Email

Wechat

Chat



Continuous Charcoal Furnace for Biomass Charcoal Production

- › Models: SL-800, SL-1000, SL-1200
- › Capacities: 800kg/h, 1000kg/h, 1200kg/h
- › Carbonization temperature: 500-800°C

 WhatsApp

 Email

 Wechat

 Chat



Batch Charcoal Drying Machine with Good Performance

- › Model: SL-2, SL-4, SL-6, SL-8
- › Induced draft fan power: 0.37KW
- › Amount of drying for each time: 600-2400kg

Whatsapp

Email

Wechat

Chat



Charcoal Grinder Machine for Making Fine Charcoal Powder

- › Mixing chamber diameter: 1-2.5m
- › Capacities: 100-1500kg/h
- › Grinding and mixing time per batch: 3-8min

Whatsapp

Email

Wechat

Chat



Vertical Carbonization Furnace For hardwood Charcoal Production

- › Model: SL-C1500
- › Output: 2.5T-3T/24 hours
- › Carbonizing time once: 6-8 hours
- › Machine weight: 2.8t
- › Dimension: 1940*1900*1900mm

 WhatsApp

 Email

 Wechat

 Chat

Affordable Compressed Coal Briquettes Making Machine



Related Information



| FAQ

What Should Be Noticed During The Running Period Of The Honeycomb Coal Machine?

Whatsapp

Email

Wechat

Chat



| News

Composition And Accessories Of Honeycomb Coal Machine



| News

Installation And Maintenance Of Honeycomb Coal Briquette Machine



| News

Conditions For Investing In The Honeycomb Coal Production Business



| CASES

Honeycomb Coal Punching Machine Shipped To Uganda

WhatsApp

Email

Wechat

Chat 1

Coal Briquettes Press Machine



| [Briquettes making Video](#)

Coal Briquettes Press: Your Ultimate Solution For Efficient Coal Briquetting

You may also like

Hot Product



Compressed Wood Pallet Machine for Molded Palle Production

The compressed wood pallet machine is a piece...

Whatsapp

Email

Wechat

Chat 1



Compressed Wooden Pallet Production Line

The compressed wooden pallet production line is a...



Drum Wood Chipper for Wood Chips Mass Production

The wood chipper shredder machine mainly can be...



Charcoal Machine & Production Line for Making BioCharcoal

The charcoal making machines can turn biomass wastes,...



Mesh Belt Dryer for Drying Briquettes Continuously

The mesh belt dryer is a piece of...



Continuous Dryer for Drying Sawdust & Rice Husk

Industrial sawdust dryers and rice husk drying machines...





Wood Debarker Machine for Peeling Logs
Wood debarker machine, also known as the log...



Wood Crusher for Making Sawdust from All Wood Wastes
Wood crushers are commonly used shredding equipment for...



Vertical Carbonization Furnace For hardwood Charcoal Production
The airflow hoisting carbonization furnace is currently the..

Whatsapp

Email

Wechat

Chat

Information

- › How to make charcoal for barbecue?
- › Wood Pellet Mill: Your Gateway to Efficient Heating Pellets
- › Profitability and Business Opportunities with Charcoal Extruder Machines
- › Impact of Charcoal Making Machine Prices on the Charcoal Industry
- › Wood Peeling Machine for Plywood: The Key to Efficient Plywood Production
- › Wood Shaving Machine Canada: Meeting the Demand for High-Quality Animal Beddings
- › Revolutionize Your Pallets: Coconut Husk Pallet Machine in Malaysia

› Complete Production Process of Compressed Wooden Pallets

› Industry Status of Shavings Molded Wooden Pallets

No Comments.

Leave a Reply

Your email address will not be published. Required fields are marked *

Comment *

 Whatsapp

 Email

 Wechat

 Chat
1

Name *

Email *

Website

Save my name, email, and website in this browser for the next time I comment.

[Post Comment](#)

2021 © Shuliy Machinery Co., Ltd.

About Us

Shuliy factory is committed to providing services to charcoal processors around the world with high-end industrial technology, mature project design, and complete after-sales service process, helping them to obtain huge and stable profits in the charcoal business.

Contact

📞 8617329326135

✉️ info@charcoalmachines.com

📠 8617329326135

🗨️
Whatsapp

✉️
Email

💬
Wechat

💬
Chat
1