

PMF6D8 Flat Die Pellet Machine



www.pelletmillshop.com

Parameters:

Model	Engine	Power	Capacity	Net/Gross Weight	Packing Size with Engine	Packing Size without Engine
PMF6D8	Diesel	8Hp	110~220(lb)	209/265(lb)	39*20*30(in)	31*20*30(in)
Warranty: 1 Year			Pellet Size: Can Adjust By Your Demand			

Straw / Sawdust / Grass Pellet Machine Details:



Roller Parts: Rollers are the core parts for making pellets. The rollers of our pellet machines are made of precise material of alloy metal which makes the roller anti-bearable and no easy to broken. The simplest pellet machine has one pair of rollers. But now, the new developed flat die pellet machines have two or three pair of rollers which have bigger capacity of making pellets.

Die Parts: The die parts have many holes for extruding material for compressed into formation of pellets. The holes of die have 6-8 mm diameter for your choose or we can make as your required.

Straw / Sawdust / Grass Pellet Machine Packaging Details:



Package: Wood Case

Payment: 40% prepay by T/T; 60% should be paid by T/T against order B/L sent by fax or email

Guarantee: 12 months after B/L date.

Delivery Time: 20 Days

Straw Fuel Pellets Produced By This Pellet Machine:



Performance Features:

- ★ Transmission gears made of **high quality alloy steel**, surface adopts **carburizing** and **quenching treatment, precision machining** by grinding, smooth transmission, low noise, large carrying capacity, low temperature rise, long life etc.
- ★ Spindle with a heavy thrust bearing, support axial force, **long lifespan**.
- ★ Roller and flat die wear peace deal; both sides can use the flat die, long service life.
- ★ Pellet machine uses large diameter roller, big yield, pelletizing rate is high, uniform **high strength pellets**.
- ★ All bearings are sealed structure that **effectively prevent dust**, improve the working bearings environment, **extending bearing life**.
- ★ Highest grade tool steel die and rollers that are designed to fit YOUR PRODUCT.
- ★ Full consultation at NO CHARGE at YOUR FACILITY!
- ★ Low wear of roller, dies and bearings.
- ★ **Do not need to add binder**.
- ★ Pellets diameter is from 6-12mm for user select.
- ★ **Easier to clean** than pellet machine with ring die.
- ★ Small and lightweight, **available for homemade or farm pellet production**.
- ★ High adaptability to different raw material: sawdust, plastic, foam, wheat, barley, cotton, fiber waste, branch, bamboo, wheat straw, hay, peanut shell, paper, sorghum, algae, feed, fertilizer, rick husk, sun flow stem, palm kernel shell and other biomass materials.

Look for Biomass Pellet Machine online?

Pelletmillshop.com offer [wood pellet mills](#), straw pellet machines, sawdust pellet machines and grass pellet machines online. High Quality, Low Cost!

A Brief Description of Pellet Machine

Pellet machine offers an easy way to make biomass material into pellets, such as straw, sawdust and grass. The design of pellet machines is varied. Flat die type and ring die type are the two core design of pellet making machine. But from the very start, in 20th century, there are only pellet machine with flat dies and ring die design comes afterwards.

The functions of [pelletizer](#) also changed from feed pellets to fuel pellets like straw pellets and sawdust pellets among these years. Up until 1970's when the first test on producing wood pellets, pellet machine started to be focused on making biomass fuel.

The application of pellets for heating was recognized within the last decade due to the climate change and global warming. As the characteristic of low consumption, low costs and high efficiency, pellet machine gets popular for making wood/Straw/Sawdust/Grass pellets.

Summary of Flat Die Pellet Machine Design

Flat die pellet machines are the basic design of pellet making machine and to be honest, there are both advantages and disadvantages. Flat die pellet machine is kind of vertical design, which means the pellet making process utilize gravity including material feeding and pellets pressing. The pressing structure is consisted of a roller and a die.

[Flat die pellet mills](#) have a horizontal die, with rollers above the die. As material falls in from the top, it is compressed between the rollers and dies to form the pellets. The pellet die parallels to the ground and the roller is on the top of the die. There are also many types of flat die pellet machines but with two key differences. Some flat die pellet machine have a stationary roller shaft with a rotating pellet die, called die-turning pellet machine, and others have a rotating roller shaft with stationary pellet die, called roller-turning pellet machine. Roller-turning design is widely applied on large scale pellet production and die-turning design is generally used in small pellet production or soft material pressing such as straw and grass.

Biomass is not merely about grass, straw and sawdust. Any form of organic matter belongs to the category of biomass and can be used to produce energy. This obviously includes all kinds of wood wastes and agriculture wastes. So you can find grass pellet machine, straw pellet machine or other pellet machines for specific materials.



Die-turning Pellet Machine



Pellet Machine Roller Shell



Roller-turning Pellet Machine



Pellet Machine Roller

Pellet Making For Fuel Pellets

Making pellets is a process of skill. For example, you should know how to control the moisture

content and binding qualities, which means qualified machinery and a wealth of operator knowledge is needed. Let alone making quality and durable pellets. But don't worry about it, as we will offer technical support and service for all of our customers to help them understand the pellet production process and handle pellet pressing problems.

Additionally, we offer straw pellet machine, sawdust pellet machine, grass pellet machine and pellet machine for hard wood. Customization is also available. So if you have got any questions on pellet machine operation or want some further understanding of our [pellet mill](#) that is for sale online, welcome to [contact us](#)! We are happy to help you.

(E.g. you can ask for pellet making videos, factory pictures and specific material pressing test etc.)

Interested In Pelleting Or Pellet Machine?

Contact us now, and our service team will give you a detail introduction of biomass pellets and pellet machines. All your consultations are FREE!

E-mail: info@pelletmillshop.com

[Our office staff is available to answer your questions, Monday through Friday, from 8:00 to 4pm \(CST\)](#)