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Combined Pellet Mill

Introduction to Combined Pellet Mill

The combined pellet mill is a design combine unit of hammer mill and pellet mill, which is a simple and small pellet line for home usage to make biomass fuel pellets. The requirement on feeding raw material initial moisture is 12-15%. It is a good solution to make biomass pellets for fireplace, boiler or heating furnace, the simple combination make the machine very easy to install, operate, maintenance and the cost is low to invest. What's more, in the whole pellet making process, the combined parts of pellet mill and hammer mill can have exactly good performance. It is smooth working flowchart: after material crushed by the hammer mill, they will drop automatically into the pelletizing chamber from the cyclone, in the pelletizing chamber, the crushed material will be made into pellets.

Combined Pellet Mill Features

1. We supply three unit of combined pellet mill, the capacity is respectively: 100-150kg/h, 200-250kg/h, 250-350kg/h for biofuel pellets.
2. The combined wood pellet mill required small land space, as the dimensions of three units is respectively: 1600x1450x1800mm, 1750x1600x1900mm, 1800x1650x1900mm.
3. One motor to drive both the hammer mill and pellet mill, thus the electricity consumption is lower compared with a separated hammer mill and pellet mill
4. It can continuous working.
5. By change the flat die in the pellet mill, you can make pellets with different diameter
6. We can make perfect turnkey design according to your materials and workshop.
7. Suitable for process soft biomass materials like groundnut shell, sugarcane biogases, nut shells, crop stalk, saw dust, coffee husk, paddy straw, sunflower stalk, cotton stalks, tobacco waste, mustard stalk, palm husk, soybeans husk and many other agricultural wastes.

8. The material moisture should be about 12 % - 15%, if the moisture is higher than 15% you should dry them in the sun before feeding them into the hammer mill.

Combined Pellet Mill Technical Data:

Model	Capacity	Power	Pellet size	Raw material moisture	Install Size	Weight
PH200	100-150kg/h	15kw	4-10mm	12-15%	1600x1450x1800mm	380Kg
PH250	200-250kg/h	22kw	4-10mm	12-15%	1750x1600x1900mm	550Kg
PH300	250-300kg/h	30kw	4-10mm	12-15%	1800x1650x1900mm	800Kg

