

## Small Ring Die Wood Pellet Mill



As ring die pellet mill is more and more popular due to its unique advantages, a lot of clients want to make wood pellets and other biofuel pellets in small quantity with ring die pellet mill, so our company designed the small ring die wood pellet mill. The machine works with one motor under the gearbox, thus to improve the working efficiency. This small ring die wood pellet mill is a very good machine to produce biofuel pellets from wood, sawdust, rice husk, sunflower husk, coconut shell, peanut shell, straw, EFB and other biomass material.

Final pellets from this small ring die wood pellet mill are 6mm, 8mm or 10mm diameter, the length of pellets is adjustable.

This kind of biofuel pellets can be burnt as fuel source with high bulk density and heating value.

### Feature of small ring die wood pellet mill:

1. Ring die structure, easier to compress the raw material into ring die.
2. According to bulk density of different kind of raw material, can change ring die with a suitable compression ratio, thus to assure the quality of final pellets
3. Motor and gearbox transmission system, greatly improve the transmission efficiency, compared with the double motor belt transmission system, this machine has much better performance.
4. Can make pellets from different kind of biomass material
5. Small capacity, suitable for starter or home usage.
6. Length of pellets adjustable
7. Equipped with feed auger and force feeder, can control the feeding speed to avoid raw material block in the pelletizing chamber.
8. Inside the pelletizing chamber has feeding scraper to help roller push material into hole of ring die, thus to improve the pelletizing efficiency



**9. Ring die made of 42CrMnTi alloy steel, high wearing-resisting, extend the lifetime of ring die.**

**Small ring die wood pellet mill technical data:**

<b>Model</b>	<b>Capacity</b>	<b>Main motor</b>	<b>Feeder motor</b>	<b>Force feeder motor</b>	<b>Roller quantity</b>	<b>Ring die inner diameter</b>
<b>MZLH250</b>	<b>100-200kg/h</b>	<b>18.5kw</b>	<b>1.1kw</b>	<b>0.75kw</b>	<b>2</b>	<b>250mm</b>
<b>MZLH320</b>	<b>200-400kg/h</b>	<b>37kw</b>	<b>1.5kw</b>	<b>0.75kw</b>	<b>2</b>	<b>320mm</b>
<b>MZLH350</b>	<b>400-600kg/h</b>	<b>55kw</b>	<b>1.5kw</b>	<b>1.1kw</b>	<b>2</b>	<b>350mm</b>
<b>MZLH400</b>	<b>700-800kg/h</b>	<b>75kw</b>	<b>2.2kw</b>	<b>1.1kw</b>	<b>2</b>	<b>400mm</b>