



Shandong Hanyu Environmental Equipment CO.,LTD

PELLET MACHINE INSTRUCTION MANUAL

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Pellet machine operation instruction

Part I ----Trial Run

After complete installation, please put the machine to a trial run, according to the following steps strictly.

1. To check and assure all of connection components are firm, especially for granulation chamber.
2. Check and assure the clearances between die and rolls is suitable
3. Check and confirm the granulation chamber and feeder has no other thing.
4. Start the main engine, to check and determine the rollers' correct running direction and assure the machine have no abnormal condition
5. Start the feeder motor, idling is to check the running direction and no noise, adjust the speed controlled button, then adjust the lowest speed for feeder.

Never to start the machine to produce the pellets normally unless every part of the machine is operating normally, If any part is not operating normally, please maintenance in time.

Don't run the machine without material, otherwise wear between the roller and moulder, shorten the service life of machine.

Part II----Steps of Shutting down machine

You have to shut down the pellet machine according to the steps to avoid



damaging the machine.

1. Turn off the total power supply.
2. After all of the machines stopped completely, please open the feeder to clean the materials in granulation chamber.

Part III ---- Machine maintenance

1. Filling the lube into the grease pump on time, in order to ensure the machine of transmission parts to rotate flexibly and reduce of workloads
2. Please replace the gearbox lube on time.

The first time, you must replace the lube after half a month

The next time, you have to replace the lube every 1000 hours working time

It can extend the reducer of gears life.

3. Please regularly check the sealing of kick-out device of slewing bearing. Please regularly fill the oil and avoid slewing bearing running without oil.
4. Every week you must check all the connection parts that is loosen or not. In order to avoid mechanical failure.
5. Every half a month, you should check the roller and mold of wear pattern. If you find the the roller and moulder of wear, please change them timely. In order to avoid moulder waggle and affect the output.
6. Please use the the complete set of moulder and roller.
7. If the moulder is blocked, you must shut off the feeder of electric supply



immediately and stop putting the material for the feeder. Then shut off the main machine in order to avoid burning motor. You must loosen the roller and clean the moulder of material. Don't forced to start the machine, in order to avoid strongly vibrating the transmission parts and bearing to be damaged.

8. Don't overload production. In the process of production, the machine can't overload production, otherwise the motor and parts can be worn acceleratedly and the pellet machine lifetime will be shortened.

9. The iron and some other metal materials have to been removed from the materials, in order to avoid vibrating the machine to damage the moulder.

Note:

Running in process is indispensable before starting the normal operation of new machines. At the beginning time of production, it can affect the output. When the machine runs a period of time, its output will be optimal.

The correct operation and maintenance are the key point to extend the pellet machine life.

When the machine runs unexpected conditions, please shut off the machine. Don't run the machine in exceptional cases, in order to avoid damaging the machine. If you have any question, please contact me. We will help you. Thanks.



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