



EISHI MACHINES FOR SULFUR

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EISHI MACHINERY CO.,LTD. CATALOGUE

PASTILLATOR PID FOR SULFUR PASTILLATING

Sharp nozzle Granulation Systems General Information

Sharp nozzle granulation is made of the following major components:

- 1, Dropformer.
- 2, Cooler.
- 3, Control system.

Principle: Liquid product reacting in the vessel or storing in the agitator is fed by means of pump through filter into Sharp nozzle Granulator and solidified on the steel belt in the cooler. After solidification, The pastille product is taken off with discharge knife and pass via chutes for bagging or by means of a conveyor to the silo for automatic weighing and packing.

From drop form machine dropping to product discharge, Cooling materials probably divided into three parts, The first stage is pre-cooling process. In this process, materials from High-temperature liquid cooling to the melting point temperature;

The second stage is Curing process, in this process, materials from liquid droplets into a solid, in the process material release more heat, the material itself temperature remain unchanged;

The third stage is materials cooling process, materials in the process from the melting point temperature to the temperature for product packaging;

Based on the above three phases of materials the sum of the time required for cooling, and materials on the strip at the time T , users of the requirements of Q production capacity can be identified equipment performance parameters and specifications of the model.

