**RY-ZL Extruding Granulation Machine**

**The main application and characteristics of the equipment**

The machine is mainly used for (biological) organic fertilizer and aquaculture processing industry, the machine processed granular materials with a smooth surface, hardness in the words, in the process of processing,low temperature rising,and can maintain the internal nutrients of the raw materials, due to the number of particles of low water content for storage, greatly improving the utilization rate of the materials.

Project investment is low, short equipment operation flow, less land occupation, fast and flexible installation, simple operation, low energy consumption, power efficiency and high yield, adopt 60 degrees Celsius below the low-temperature extrusion pellet process.the success rate of one extrusion granulation moulding can be 90% or more, no return material without sieving, as long as the raw material formula moisture content is appropriate, ***generally no need for drying equipment.***(If the extruded pellets need to accelerate the natural cooling of the finished product, can add a cooling machine) can be measured and packaged. The compressive strength of granule is more than 8 Newton.

The equipment structure is compact, the quality is stable, and it is suitable for 24 hours continuous work. The flat mould and roller adopts the latest threaded gap adjustment device, which can reduce the wear of flat mould and silver wheel too quickly, and can be compared with the traditional gasket method.Compared with the traditional gasket method, the service life of flat mould and roller is increased by about 30%, which is highly appreciated by the customers.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | particle diameter  （mm） | Water content of particles  (%) | particle strength  (n/mm2) | Productivity  (T/h) | Power  (kw) | Weight  (t) | Granulation rate  (%) | Machine  size |
|  |  |  |  |  |  |  |  |  |

