

3t/h vertical ring die straw pellet plant

The appear of vertical ring die pellet mill makes produce pellets from straw, grass, corn combs., etc low bulk density and soft raw material easier.

Even these kind of pellets heating value is lower than wood pellets, but it is also popular for home heating, powerplants and animal bedding, because to produce these kind pellets the cost is much lower on raw material.

To make straw pellets the flowchart is:

Firstly need hammer mill to crush the raw material make the size suitable to make pellets. To deal with these kind of raw material our [multi functional hammer mill](#) is best choice, because the structure decide it can process many kind of raw material, different kind of raw material is easier to feed into the hammer mill. For 3t/h straw pellet plant we suggest HM130*100 model.



Second step is drying step, it is decided by the initial of raw material, if the moisture is >15% need dryer, otherwise do not need dryer. To get 3t/h dry straw, we suggest HJ2000 model [rotary drum dryer](#). To make straw, corn combs, grass pellets, if need dryer we suggest to buy a bigger model dryer, because the conversion percent of soft raw material is lower tan wood. If dryer too small the drying speed cannot meet the needs of pellet mill.



The third step is making pellet, 3t/h capacity use two sets MKL800 [vertical ring die pellet mill](#). This is the most important step in a pellet plant, to produce straw pellet is very easy, since in straw there is a lot fiber, the vertical ring die pellet mill is easy to compress the crushed straw into straw pellets.



The followed step will cooling the pellets by [pellet cooler](#) and [pellet packing machine](#) to pack the pellets into bags.