

2t/h sawdust pellet production line

Sawdust is a ideal raw material to make pellets, because the preparation of raw material is simple, the final wood pellets is best biomass fuel pellets.

The 2t/h sawdust pellet production line is good choice for pellet factory investor, cause the invest is low, output is high, operate is easy, installation area is relative small.

Use sawdust produce pellets the flowchart is quite easy, if the sawdust moisture is >15% need a dryer before pellet machine, if moisture is <15% can start from pellet machine directly. For beginners only one pellet machine can start making pellets.

The pellet cooler and pellet packing machine is optional according to the actual situation.

Below is flowchart and main machine needed for a 2t/h sawdust pellet production line:



1. [Rotary drum dryer](#)

If your sawdust moisture is <15%, do not need the drying step, can use conveyor feed the sawdust to pellet mill and make pellets directly.

Model	Motor power	Capacity	Drum diameter	Drum length
HJ1500	15Kw	2-2.5t/h	1.5 m	12m

2. [Ring die wood pellet mill](#)

For 2t/h capacity, need two sets MZLH420 pellet machine.

Model	Motor power	Capacity	Dimension	Weight
MZLH420	90Kw	1-1.2t/h	2900x1100x2150mm	3000Kg



3. [Pellet cooler](#)

It is better to put a pellet cooler after pellet machines, because if cooling down the pellets by nature in big quantity, the pellets will be cracked on surface due to too long cooling time.

Model	Motor power	Capacity	Blower motor	Airlock model
SKLN2.5	2.2Kw	2-2.5t/h	7.5Kw	GTD2.8



4. [Pellet packing machine](#)

The pellet packing machine is optional, if you want to deliver the pellets in bulk, do not need pellet packing machine.

Model	Motor power	Weight range	Packing speed	Tolerance
100A	0.37Kw	10-100kg/bag	≤300 bags/h	0.2%F.S

