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**PROFESSIONAL PRODUCTION
PELLET MACHINERY**



SKLN Series Counterflow Cooler

Model: SKLN Series

Capacity: 2-25t/h

Certification: CE & SGS & ISO



Overview

Henan Richi Machinery SKLN Series Counterflow Cooler is adopted to cool the pellets with high temperature and moisture. Hot air touches hot pellets and cool air touches cool pellets to avoid the pellet surface crack caused by sudden cooling produced direct touching between cool air and hot pellets.

Features

1. Adopt counter-flow cooling principle, pellet cooled fully and equally, smooth discharge, adjustable discharge flow and speed.

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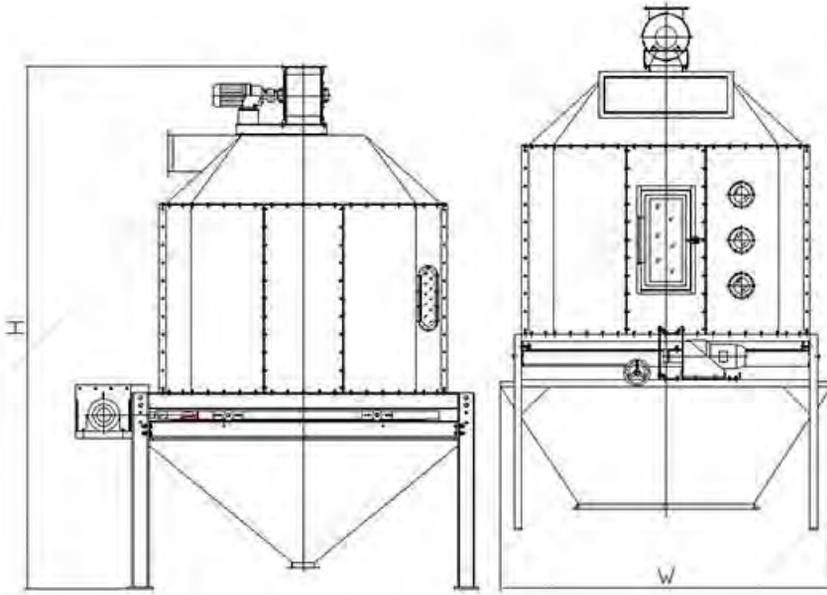
2. The equipment has access door in the front, the side and top cover have viewing windows for easy observation and inspection.
3. Pressure reduced board at discharging, improve the work load, reduce distortion, extend the life of the part.
4. The octagonal section of the cooling bin removes the cooling dead angle and is conducive to the full cooling of the material ,The pellet temperature after cooling is not higher room temperature +3-5 degree.
5. Air-enclosed feeder is adopted for feeding so as to avoid the air crossing at the feeding inlet, resulting in good cooling effect.
6. With special side valve discharging mechanism, balanced and reliable operation of side valve discharging mechanism,discharging feed fluently.
7. The new rotary spreader ensures that the material is fully uniform and thoroughly cooled, and can significantly reduce the crushing rate. The distribution range is adjustable, and the power consumption is small.



The working principle of SKLN Cooler

The wet and hot pellet, pressed by pellet machine, through the inlet of rotate airlock feeder into cooler machine. When the pellet materials are cumulate and touch on door, switch on motor and discharging works. The motor goes reciprocating motion with reducer and eccentric mechanism, and the pellet are discharged from the gap of discharging frame and fixed frame, when discharge door closed, no discharging. When feeding is more than

discharging, the motor and discharging stop running, and feeding is going. Like this, fan is always working. Because raw materials is flowing from up to down, while wind is from down to up, which pellets touch with fan to cool, so it is called counter-flow cooler machine.



Parameter

Model	SKLN11*11	SKLN14*14	SKLN17*17	SKLN20*20	SKLN24*24
Capacity (t/h)	1.5-2	3-5	5-8	9-12	13-18
Power (kw)	0.75	0.75	1.1	2.05	2.05