

SPM850 WOOD PELLET MILL

Description:

SPM850 wood pellet mill adopts belt flexible transmission technology, large torque but low noise. Linear speed of ring die is adjustable through belt pulley replacement.

The machine is designed to make pellet fuel from a variety of woody and agricultural biomass material. It is equipped with frequency control timing feeder, conditioner and operation security system.

All parts in contact with biomass material are made of stainless steel, including material feeder and pelleting chamber, which prolongs the service life of pellet mill.



Parameters:

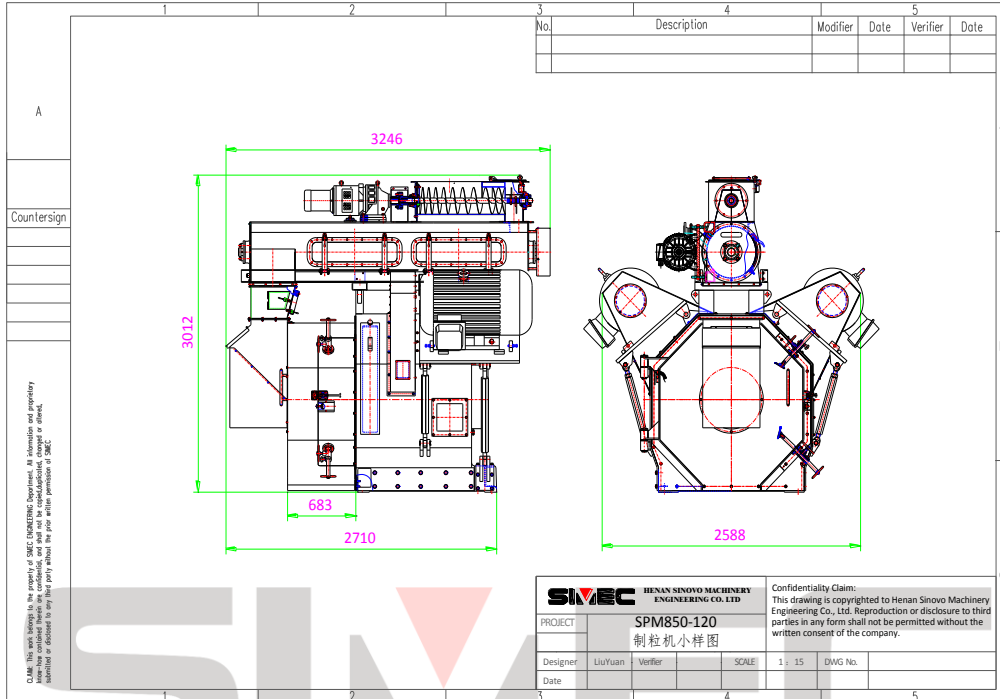
Equipment	Parts	Items	Specification
SPM850 Wood Pellet Mill	Ring Die	Inner Diameter	850 mm
		Effective Width	120 mm
	Roller	Quantity	2 pcs
		Diameter	388 mm
	Main Motor	Power	160*2 Kw
	Conditioner	Power	11 Kw
	Feeder	Power	4 Kw
	General Dimension		
Capacity			3.5~4.5 MT/H

Features:

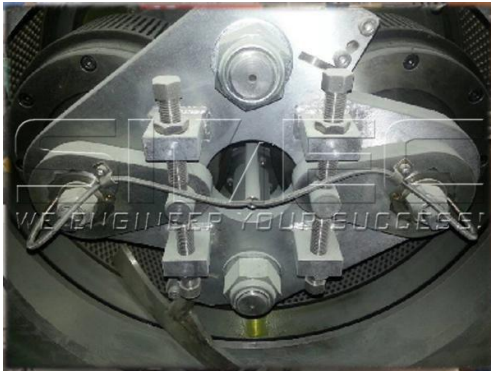
- ❖ Inner diameter of ring die: 850 mm;
- ❖ Roller diameter: 388 mm;
- ❖ Power: 160 KW*2 +11 KW (Conditioner) +4 Kw (Screw feeder);
- ❖ Frequency control timing feeder;
- ❖ Screw feeder, conditioner and pelleting chamber are made of **stainless steel material**;
- ❖ High quality ring die made of X46Cr13 raw piece by roll forging technology;
- ❖ **Automatic grease lubrication system** for main shaft bearing and roller bearings;
- ❖ Main shaft and hollow shaft made of high-quality forging part, CNC high precision machining;
- ❖ Main shaft front & rear bearings both adopt SKF brand;

HENAN SINOVO MACHINERY ENGINEERING CO., LTD

- ❖ Automatic Anti-Overload Protection system and Automatic Pneumatic Emergent Discharging system to guarantee the safety of pellet mill;
- ❖ Raw material moisture adjusting device;
- ❖ **Ring Die & Rollers Electric Hoist Device;**
- ❖ **Roller temperature monitoring system.** The signal can be conveyed to PLC and guarantee the control orders. It contributes to increase the life span of roller bearings.



Photos:



Roller Temperature Monitoring System



Automatic Lubrication System

