

Vertical Ring Die Pellet Mill History

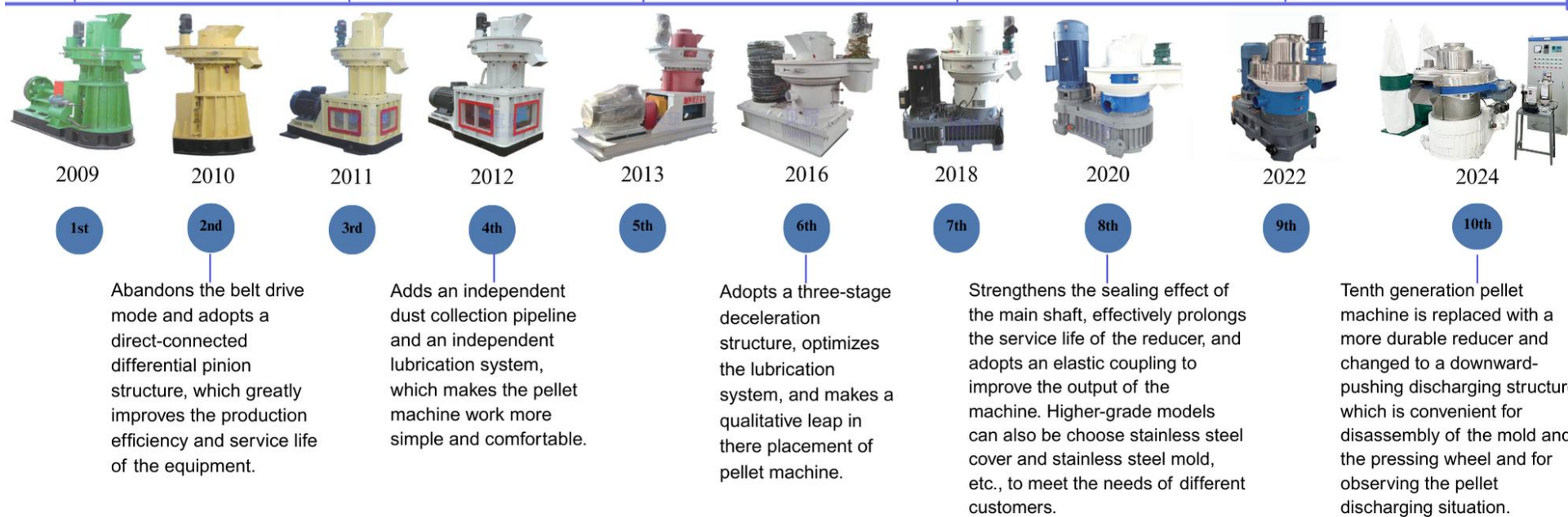
In 2009, the concept of "centrifugal high efficiency" was proposed for the first time, which fully combined the advantages of good heat dissipation performance of ordinary flat die and high output of traditional ring die, combined with the introduction of foreign advanced technology, and designed this model.

Adopts a heavy-duty industrial reducer to replace the traditional differential pinion structure, and the product runs more stably.

It mainly optimizes the dust collection channel, strengthens the support structure of the feeding system, and has a more beautiful appearance.

Has increased the type of reducer to ensure stable operation of the machine, significant increase in output, and further energy-saving effect.

To ensure normal operation for 24 hours, the heart bearing has changed from the original 2+1 to 2+2. Change from continuous water cooling or oil cooling to air cooling, saving energy and reducing emissions.



Centrifugal efficient ring die wood pellet machine



Introduction

Efficient pellet machine also called centrifugal ring die pellet machine, was introduced to China's Shandong by a Hungarian businessman in 2006. Originating in Poland, it was developed by us and now in its 10th generation. It combines the flat die pellet machine's strengths (stable structure, good heat dissipation) with the ring die type's (more die holes, higher output). Using centrifugal force from rotating rollers, it's far more efficient with higher output.

This pellet machine can process the following dust materials: Stalk and straw dust: e.g., corn stalks, cotton stalks, wood straw, wheat straw; Forage dust: e.g., alfalfa, clover, horsetail grass; Wood chip dust: e.g., pine, poplar, mahogany, hardwood; Shell dust: e.g., peanut shells, corn shells, corn cobs, sunflower seed shells, rice husks; Most biomass waste dust: e.g., corn cobs, food waste; Some household waste dust: e.g., waste paper, newspaper; Organic fertilizer dust: e.g., animal manure, earth mud waste, seaweed mud waste.

Raw materials for making pellets



Wood Pellet Making



Rice Husk Pellet Making



Bamboo Pellet Making



Corn Cob Pellet Making



Alfalfa Pellet Making



Straw/Crop Pellet Making

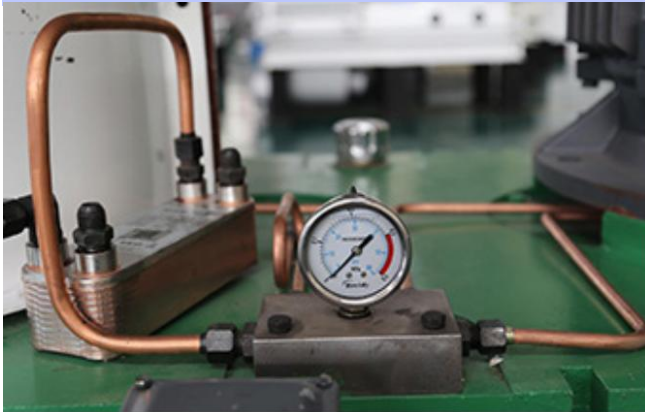


Peanut Shell Pellet Making



Efb Fiber Pellet Making

Centrifugal efficient ring die wood pellet machine advantages



Cooling System of Gearbox



Siemens Brand Motor



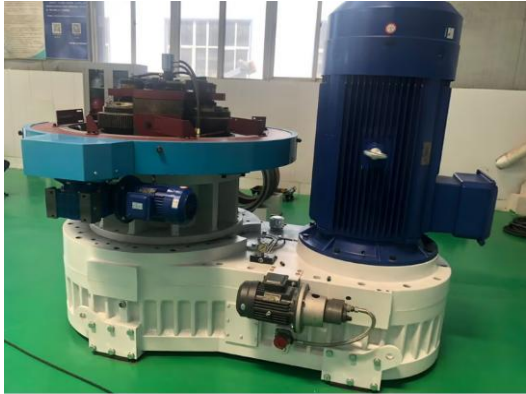
Lubrication System

1. Ring-die mould, up standing; the raw material can be direct in pressing zone, avoid the Materials arch.
2. Vertical mould, get the biggest heating dissipation area, protecting the bearings of rollers.
3. Ring die static, rollers rotary, the Centrifugal force which produced by rollers, can be right use to throw material to the ring die holes.
4. Two layer mould, up and down dual use, cutting invest cost, at same time the two lay high wall can produce the rebounded force, make the material down to rollers press again.
5. With automatic grease adding system for rotary rollers, rotating discharge chains, and bearing chamber, and grease adding time can be adjusted.

Technical parameters

Model	Output (T/H)	Power (KW)	Pellet diameter	Weight	Dimension (mm)
GXL460	0.6-0.8	55	Φ4-8mm	2.8T	1600*100*1400
GXL560A	1-1.5	90	Φ4-12mm	5.0T	2300*1200*1800
GXL560B	1.3-1.8	110	Φ4-15mm	5.2T	2300*1200*1800
GXL560C	1.5-2.0	132	Φ4-20mm	5.5T	2300*1200*1800
GXL720	2.0-3.0	160	Φ4-20mm	7.5T	2400*1400*1800
GXL850	3.0-4.0	220	Φ4-30mm	14T	3000*1500*2300
GXL880	4.0-5.0	250	Φ4-30mm	16T	3100*1600*2300
GXL1200	8.0-10	730	Φ8-30mm	48T	

Production pictures



Pellet mill reducer



Rine die



Roller shell



Bearings



Packing

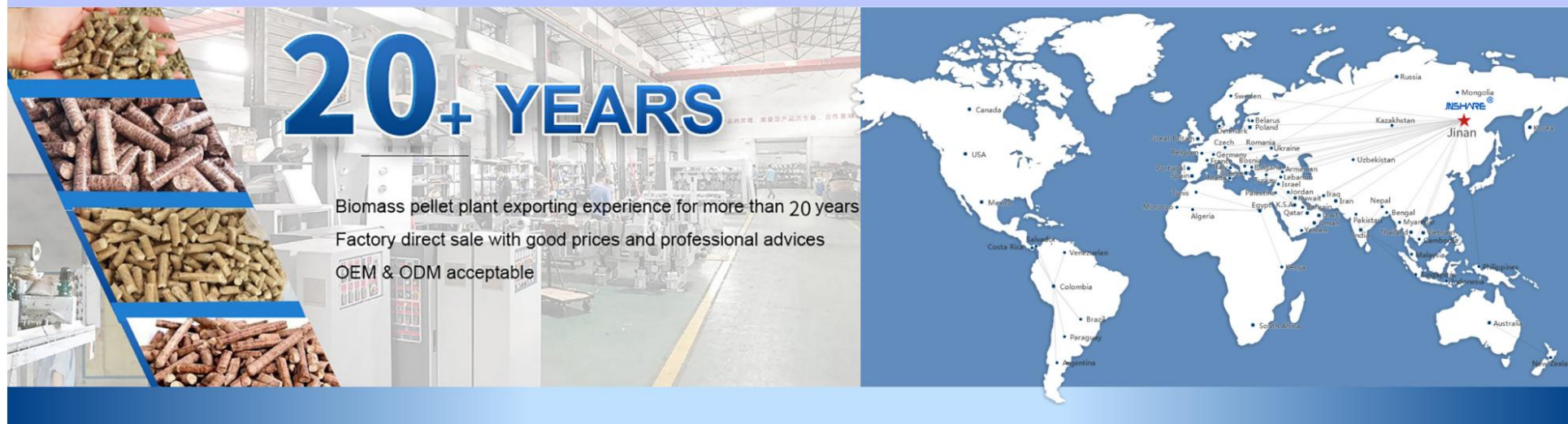


Client visit



Client visit

About JNSHARE



Jinan SHARE Precision Machinery Co.,Ltd is one of the professional manufacturer of pellet machines and the complete pellet lines for already 20 years. It is started the business of pellet machine, hammer mill and the complete pellet in the year of 2006. Thanks for our top quality, excellent service and competitive price, thanks for all the support from our customers all over the world.

Now our business scope included: Biomass pellet making complete line included pellet machine, hammer mill, wood crusher, wood chipper, log barker, mixer, drum dryer, pipes dryer, pellet cooler, belt conveyor and complete pellet lines etc. Animal feed-stuff pellet line included feed pellet machine, feed mixer, feed hammer mill, roller crusher, feed pellet cooler and the complete pellet line etc. Technical assistance for the complete pellet line, included installation, debugging, maintaining, spare part in-time supply etc. Not only for our machines, but also the other supplier's

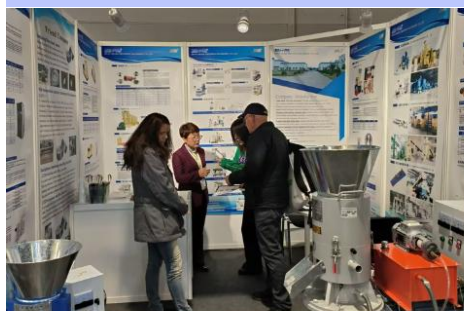
Certificate



Customer visit



Company Exhibition



German exhibition



German exhibition



Indonesia Exhibition



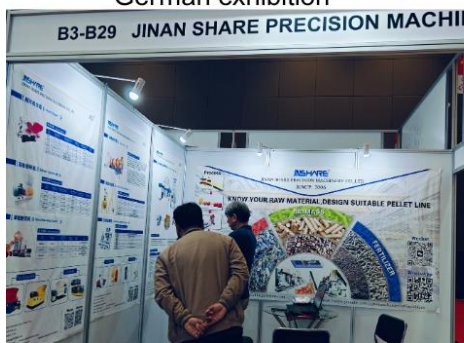
German exhibition



Indonesia Exhibition



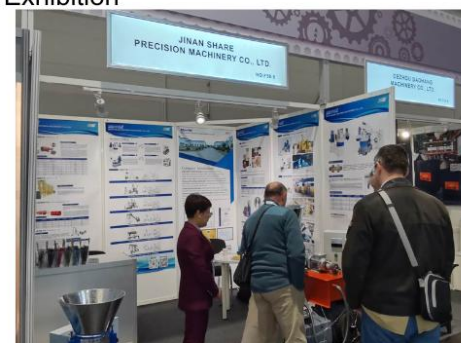
German exhibition



Indonesia Exhibition



Indonesia Exhibition



German exhibition



German exhibition

JNSHARE pellet lines installed worldwide



Wood pellet making complete plant solutions

Wood Pellets Process



A complete biomass pellet production line includes the wood chipper, hammer mill, pellet machine, pellet cooler and packing machine together with the conveyors and silos.

Our key machines are biomass pellet machine, wood chipper, wood hammer mill, rotary dryer, pellet cooler and the complete lines. The output is from several kgs to several tons per hour. If any interest feel free to contact us.



<https://youtu.be/XXPQS-UqJ1>



<https://youtube.com/shorts/v83-Vvwo0YE0>

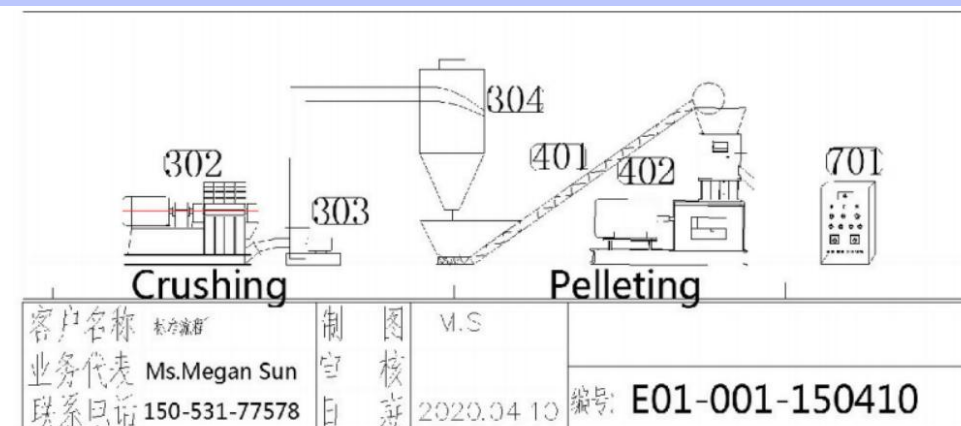


<https://youtube.com/shorts/uleZ21WE>

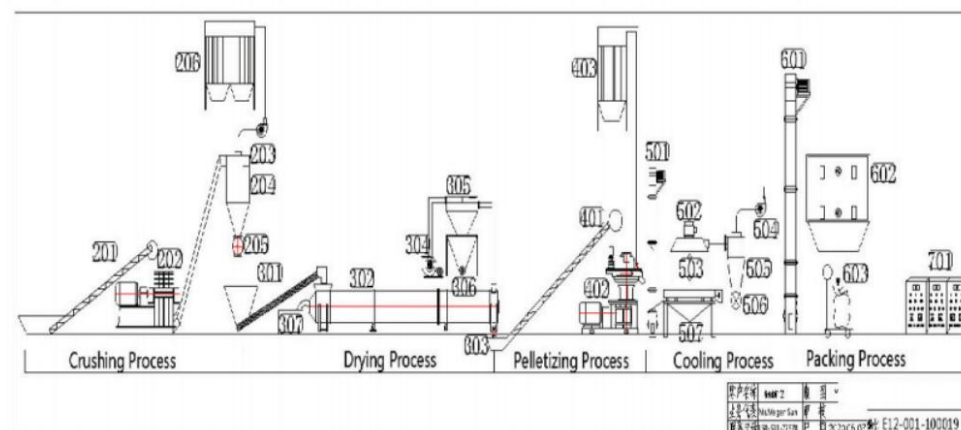
Complete production line

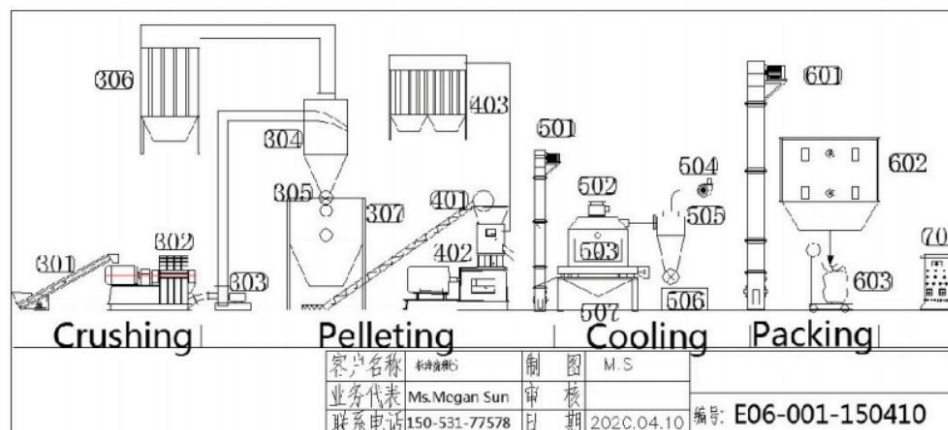


Complete Pellet Line of 100-500kg/h

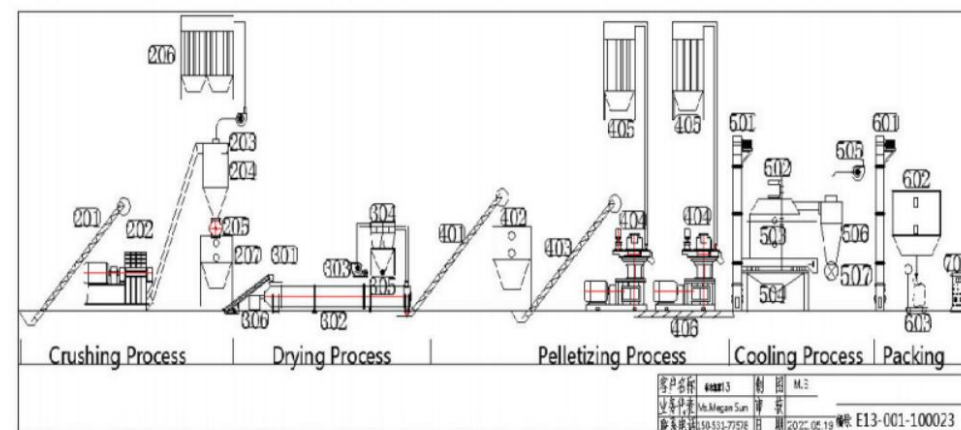


Complete Pellet Line of 1000-1500kg/h

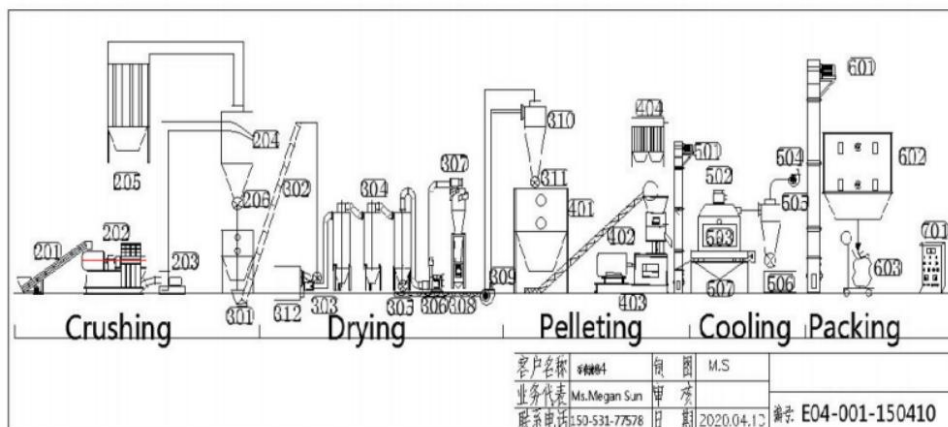




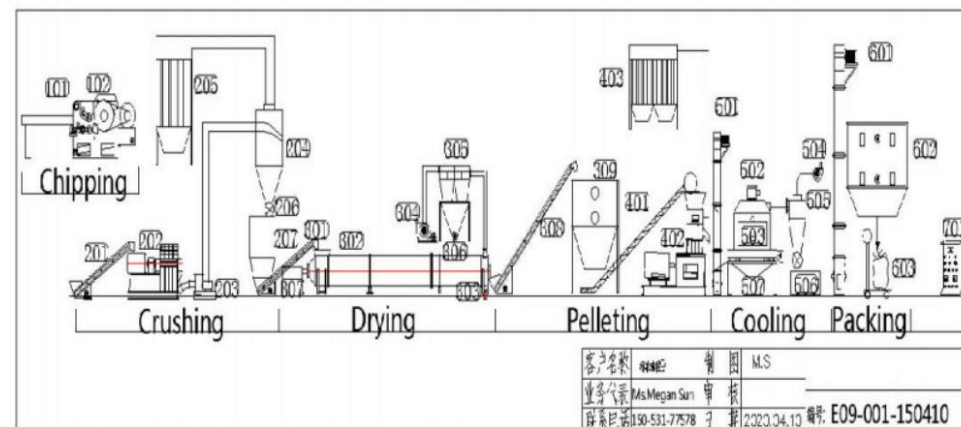
Complete Pellet Line of 600-800kg/h



Complete Pellet Line of 200-3000kg/h



Complete Pellet Line of 800-1000kg/h



Complete Pellet Line of 3000-8000kg/h