



HENAN RICHI MACHINERY CO.,LTD

**COMPANY
PROFILE**

www.pelletingmachine.com

QUALITY FROM START TO FINISH

03 INTRODUCTION

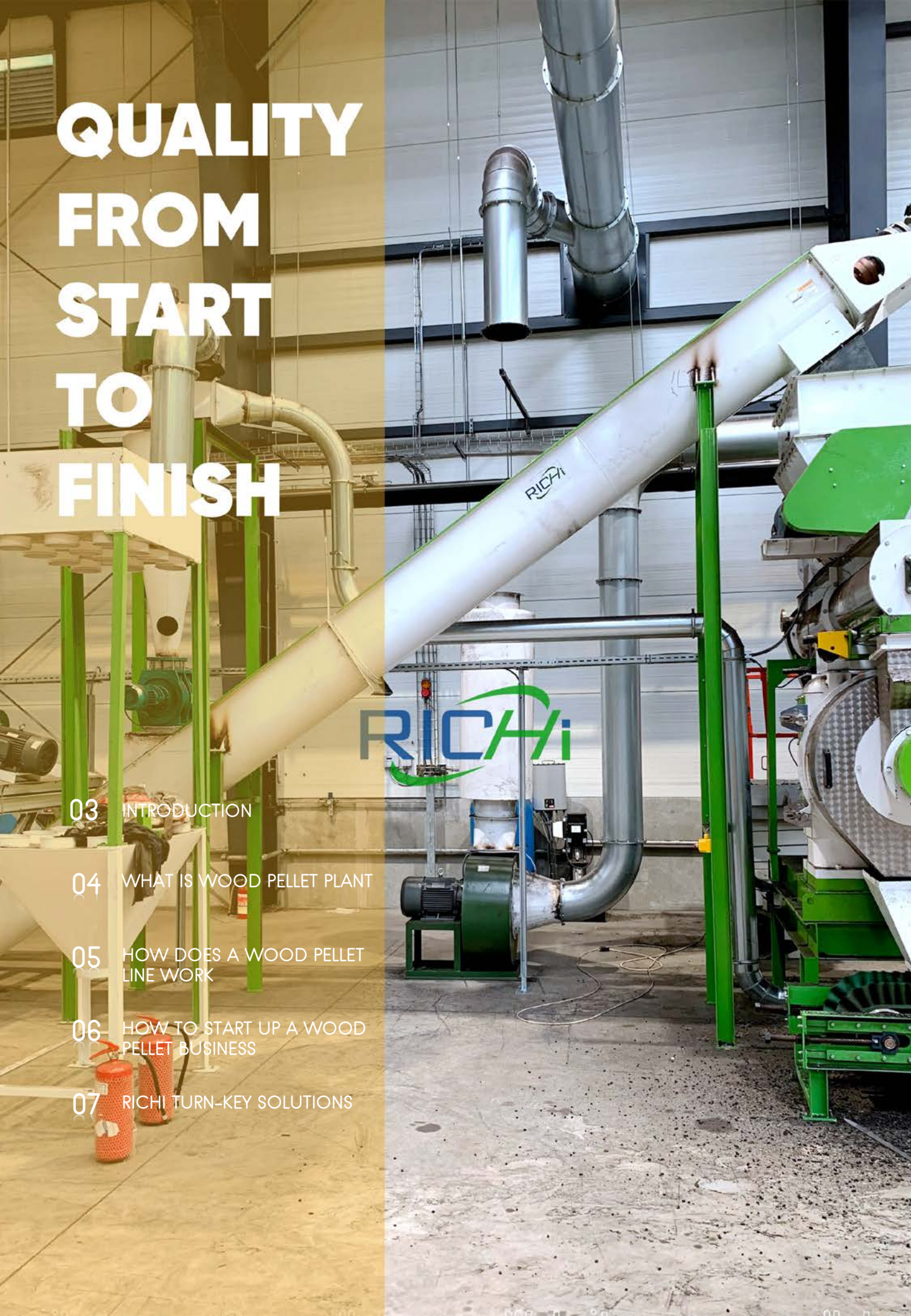
04 WHAT IS WOOD PELLET PLANT

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LINE WORK

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PELLET BUSINESS

07 RICHI TURN-KEY SOLUTIONS

RICHI





INTRODUCTION

RICHI an established Chinese company dealing with pellet production equipment projects and turnkey wood and biomass pelletizing systems. Its founded in 1995 and the head office located in Zhengzhou - Henan - China.

RICHI has vast experience in providing services in the [wood pellet production line](#). It is supported by a consolidated team of specialized dedicated engineers with a collective experience of over and above twenty years in China, in various aspects of pelletizing projects. We have qualified and fully trained technicians with hands on experience in the wood pellet production process. We believe in keeping our client's interest on top priority and we extend our commitment in making our client's views into reality keeping in mind all the finest details involved in the process.

We emphasize our commitment to complete the project within the target dates, in full compliance with the contract requirements. We are also committed to the safety and environmental regulations of your country, and to implement such policies in our projects.

PELLET FUEL

- Wood pellets are the most common type of pellet fuel, which is usually compressed by a pellet machine.
- They can be used as fuel for power generation, commercial or residential heating and cooking.

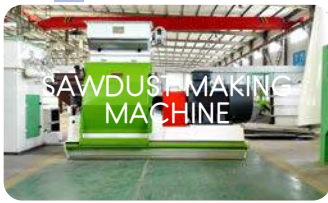
PRODUCTION

- Wood and other raw materials are cut, crushed, and finally compressed by a special pellet machine to become cylindrical particles.
- The pellets can be made of almost any wood species, as long as the pellet press is equipped with good equipment, the difference in feed materials can be compensated in the printing adjustment.

PELLET PLANT

- Wood pellets have now become more and more representative of green and clean energy. Therefore, pellet plants are increasingly becoming a target project for investors.





Raw materials such as wood or other forest wastes cannot be directly pelletized if they are large in size. They need to be sliced and crushed to be processed into 3-5mm sawdust.

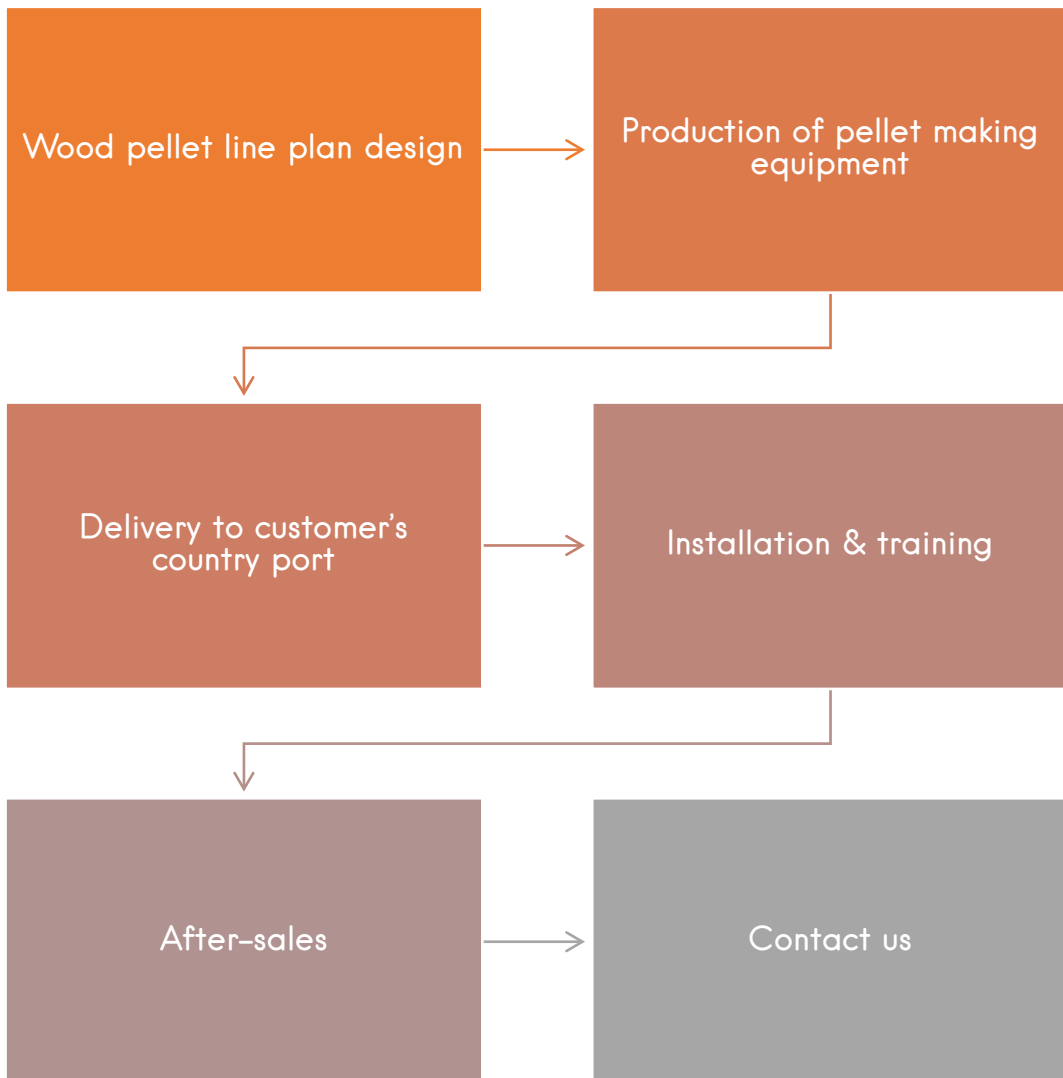
The wood chips are transported to the pelletizer and into the pelletizing chamber. The pressure roller continuously rolls on the raw material, squeezing the raw material into the die hole. The raw material is extruded and formed in the die hole for a certain period of time to form a cylindrical shape, and undergoes the process of forming and storing. The cutter will then cut off the particles formed by the material.

The wood pellets that have just been extruded are hot and need to be cooled to room temperature through a cooling system. The screening system can collect the wood chips and dust that do not meet the specifications and transport them back to the granulating warehouse to be granulated again.



How to start pellet production and sales

1. Raw materials: This is the foundation. Raw materials determine the configuration of production equipment.
2. Market research: This is related to the product type and production volume, and the production volume is also related to the production line configuration and plan.
3. Hardware facilities: land, water and electricity, factory buildings, these are necessary. However, it is necessary to negotiate with the pellet production equipment supplier to fix the land and plant size after determining the output and plan configuration.
4. Supplier selection: This is the most important. It is not only related to production equipment, pellet products, etc., but also lays the groundwork for future production management. We recommend choosing an experienced factory with program design capabilities. The trading company's products may be very cheap compared to our RICHI or other factories, but the product quality cannot be guaranteed, and the trading company does not have any program design capabilities.





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