

Brief Introduction Of

Guangzhou Nanya Pulp Molding Equipment Co., Ltd.

1. Brief Introduction.

- Y Guangzhou Nanya Pulp Molding Equipment Company is a high-tech enterprise and a group company professional at pulp molding equipments developing and manufacturing. Established in 1994, with advanced technology, excellent quality, satisfying after-sales service and competitive price, we've gained more and more customers worldwide and got high reputations from them. Now Nanya has became one of the leading supplier in the pulp molding industry in home and abroad market.
- Y The This company has specialized in developing and manufacturing pulp molding machinery, pulp mould die, tooling and pulp molded packaging products for more than 20 years. We also established special research center and cooperated with science and technology universities and scientific research institutions, advanced pulp molding technology and rich experience were achieved. Until now, we possess more than ten patents about the pulp molded equipments.
- Y Now, our company owns three factories which manufacture pulp molding machinery, pulp molding moulds and pulp molding products respectively. The products we offer are as below:
 - 1) Various pulp molding equipments.
 - 2) Various pulp molding products.
 - 3) Various mould/tooling for above products.
- Y What we did and what we are doing is to offer best pulp molding machinery and products, to contribute to the development of the environmental protection. We sincerely hope that we can establish long term and friendly business relationship with your esteemed company. We'll make great efforts to heal the world and make it better together with friends all over the world.



2. An Overview Of Our Factory.

- ÿ Our Company covers an area of over 2000 square meters.
- ÿ We have specific workshop for material cutting, welding, machining, electronic processing, assembling, debugging and production testing.
- ÿ The factory owns more than 100 advanced processing equipments.
- ÿ Over 1000 sets of pulp molding machines can be supplied per year by NANYA.



3. A Glance of Production Flow

- ÿ More than 500 people are working in the company, including over 50 researching staff and over 10 quality control personnel.
- ÿ Every process is strictly controlled to ensure the quality.
- ÿ NANYA applies the international brand of the electric and pneumatic control components. PLC. touch screen and servo motor of our machines are adopted Siemens brand; relays are form Omron and Schneider brand; switching devices are from LG brand; pneumatic components are from Japan SMC brand or South Korea ARK Brand.
- ÿ Every machine will be delivery after the trial production to secure a long-term stable operation of the equipment.

Production Flow					
No.	Production Process	No.	Production Process	No.	Production Process
1	 Cutting	2	 Shearing	3	 Milling
4	 Lathing	5	 Welding	6	 Polishing
7	 Electric Tank Assembling	8	 Assembling	9	 Parts Manufacturing
10	 Function Testing	11	 Simulation Testing	12	 Warehouse

4. Authentication Assurance

- Y After over 20 years' struggle and hard working, Nanya invented and owns many patented technologies.
- Y Our company has gained ISO9001 quality management system certification
- Y The products have obtained CE Marking.
- Y And our products have passed TUV and SGS inspection.



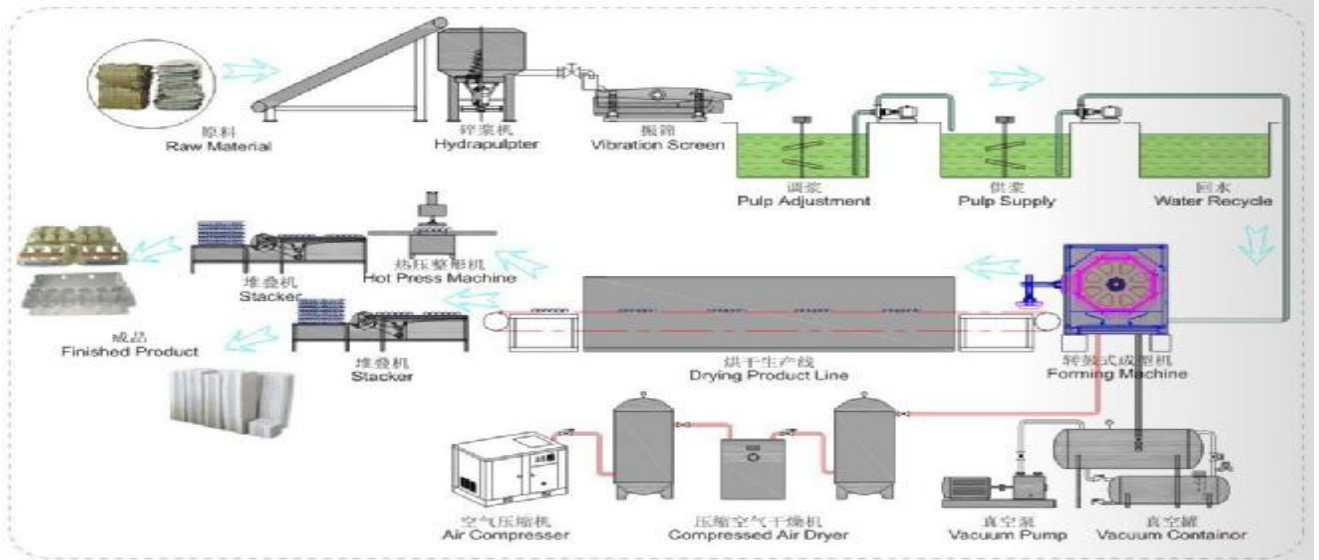
5. Main Products & Services.

Y 5.1 Egg tray/fruit tray production line

- Y So far we have semi automatic and full automatic egg tray machines. For semi automatic production line, we have 400pcs/h, 600pcs/h, 800pcs/h, and 1200pcs/h, which cost less investment and have flexible configuration. For full automatic production line, we have 600pcs/h, 800pcs/h, 1400pcs/h, 1600pcs/h, 2400pcs/h, 2900pcs/h, 3000pcs/h, 4000pcs/h, 5000pcs/h and 6000pcs/h, which save labors and have high degree automation.
- Y These production lines are suitable for the following products: egg tray(30-cell), egg box/carton(6-cell, 10-cell, 12-cell, 6+6-cell, 15-cell, 18-cell and etc), fruit tray(for apple, tomato, pear and etc), cup carrier(4 pack and 2 pack), some medical care products, seeding cup and fixed shape pulp molding products with large quantity.
- Y Working theory: The track or worker carries the raw material, such as waste paper, waste carton or used newspaper into the conveyor firstly. Then the conveyor pours down the raw material into the hydropulper mixing with certain mater. Then the mixed paper pulp will go into the pulp adjustment pond to be adjusted to a certain consistency. Next the pulp will flow into the second pond called supply pond, in which the pulp keeps a consistency stably. Then the pulp will be bumped into the forming machine. The fiber in the pulp will cover the wire mesh of the mold with the effect of the vacuum. So the wet products are shaped on the working platform. As for drying, one drying line, multiple drying lines, drying room and sun drying are workable for drying these products.



Schematic Diagram:



Products Show:

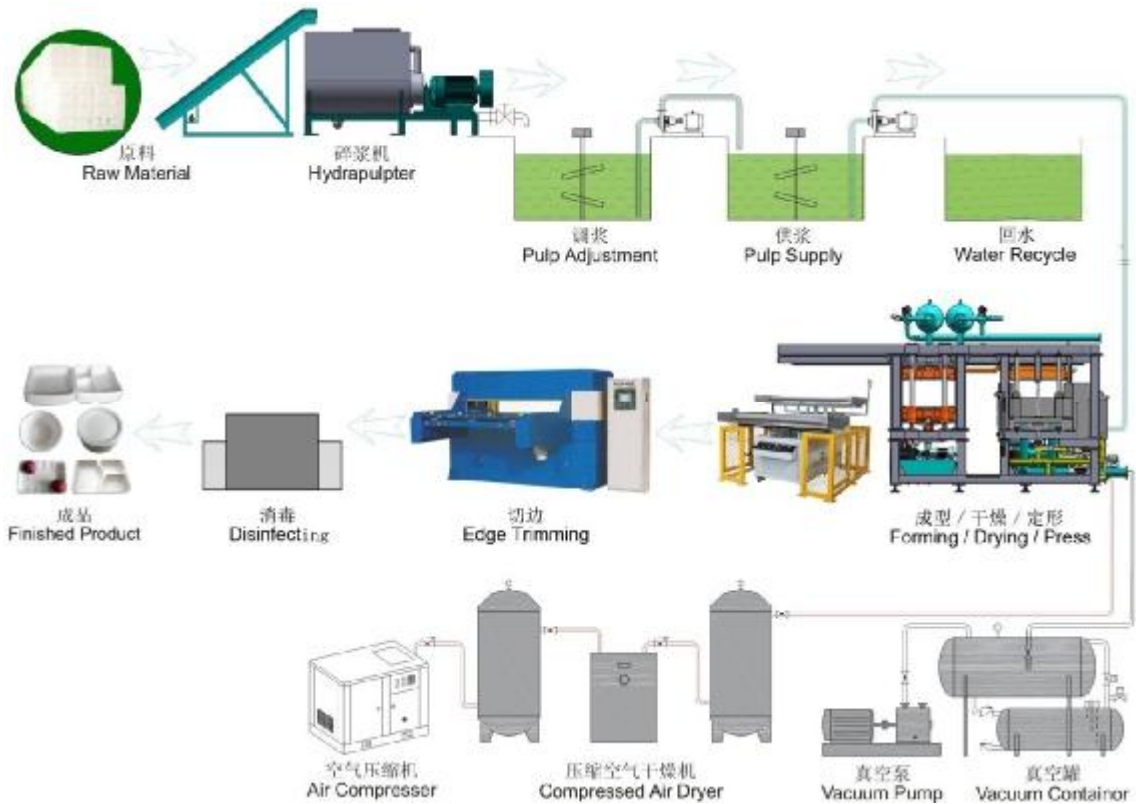


5.2 Pulp molding dishware machine

- Ý So far we have semi automatic and full automatic tableware making machines. For semi automatic production line, we have 700pcs/h, 2000pcs/h, 3500pcs/h and 7000pcs/h for your choice. For full automatic production line, we have 1500pcs/h, 3000pcs/h, 7000pcs/h and 14000pcs/h. The products are dried and shaped in the mould.
- Ý These production lines are suitable for the following products: tableware, dish tray, paper bowl, fast food container and some related food packaging products.
- Ý The raw material for tableware making machine can be sugarcane bagasse pulp, wood pulp, bamboo pulp, straw pulp, which can be collected easily at low cost.
- Ý Working theory: The track or worker carries the raw material into the conveyor firstly. Then the conveyor pours down the raw material into the hydropulper mixing with certain mater. Then the mixed paper pulp will going into the pulp adjustment pond to be adjusted to a certain consistency. Next the pulp will flow into the second pond called supply pond, in which the pulp keeps a consistency stably. Then the pulp will be bumped into the forming machine. The fiber in the pulp will cover the wire mesh of the mold with the effect of the vacuum. So the wet products are shaped and dried on the working platform. After that the products need to be edged and disinfected.



Schematic Diagram:



Products Show:



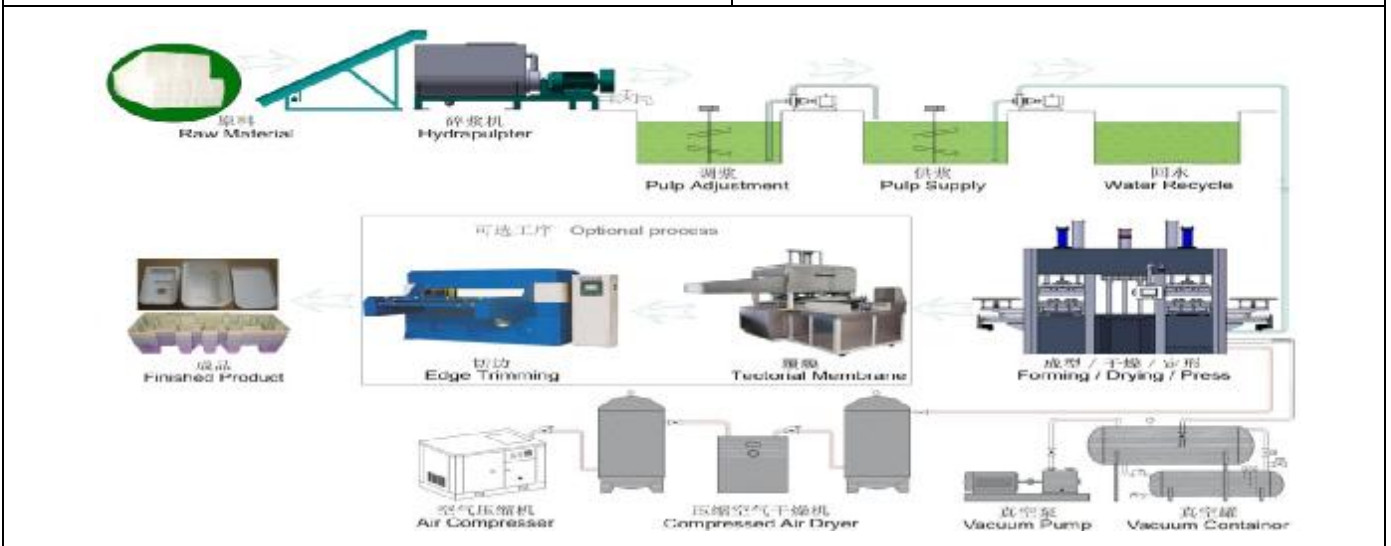
5.3 Pulp molding machine for industrial package

- Y Our machines can also make industrial package, such as for electrical equipment, electrical tools, instrument, communication apparatus, car parts, electronic products, compressor of air-condition, lamps and lanterns and shoe tree.
- Y The raw materials for industrial package can be waste paper, waste carton or used newspaper.
- Y Working theory: Please refer to 5.1 egg tray / fruit tray production line.



5.4 Pulp molding machine for fine products

- Y Our machines can also make high quality pulp molding products, such as high-grade packaging, craft products, decoration and etc.
- Y Both sides of products are smooth. The products are with high density and good strength.
- Y Allow adding some additives to get special usability, such as waterproof, oil-proof, anti-static and etc.
- Y Working theory: Please refer to 5.2 pulp molding dishware machine.



5.5 Pulp moulding mould

- Y The good quality paper tray products lie in the molds. After over 20 years' struggle and hardworking, we've acquired many experiences in moulds-making and we have our own professional technician team and mold processing mold center.
- Y With the advanced CAD computerized design system and CNC mould processing equipment, they are of high precision and accuracy.
- Y We can offer the mold draft design for customers. We also provide the training and technical support in mold design and production.



6. Customer Cases

- Y We explored foreign market and started foreign trade from 2000. Until now, our machines have been exported to more than 50 countries and regions.
- Y Nanya enjoys a high reputation among our customer and keep a long relationship with them, such as *ECO Pack Hk Listed Company*, *Brazil Coletek Electronic Product Package Company*, *Maylaysia Eppor-Pack Egg tray Making Factory* and *American Sabert Dishware Making Machine* and so on.
- Y Paper pulp molded products (short for PMP) have good quality performance, cost less investment and are friendly to our environment, which are supposed to be an ideal replacement for EPS packaging material. PMP now is getting popular with packaging manufactures and obviously PMP has a promising market in the future.
- Y Nanya will try its best to produce high quality pulp molding machines and offer perfect after-sales service for our customers and we're looking forward to your coming and cooperation.

