



IMPORTECH
SOLUTIONS

FUELING A GREENER TOMORROW, TODAY



— Authorized India Agent for —



BOLIDAMACHINERY



ROTEXMASTER

Shandong China

ABOUT US

ImporTech Solutions LLP is a premier importer and distributor of high-quality Pellets Machines and specialized engineering solutions, dedicated to revolutionizing production, research, and development (R&D) processes in the Indian industry.

Through our three manufacturing facilities, The Pellets Project, Kavya Fuels, and SS Biofuels, we have gained expertise in pellets manufacturing, with a total combined production capacity of 10,000 MT per month.

OUR MISSION

Our mission is to bridge global innovation with local industry needs, providing cutting-edge, reliable, and cost-effective Pellet Machines that enable our clients to achieve large-scale production goals with reduced risk and maximum precision.

OUR VISION

ImporTech Solutions LLP was founded with a clear vision: to empower Indian industries with the best technology to compete globally. We remain committed to sourcing and delivering advanced solutions that drive success.

WHY CHOOSE IMPORTECH SOLUTIONS?

- **Expertise:** Our experienced team understands the complexities of Pellet plant setup and operations, ensuring seamless integration and optimal performance.
- **Quality Assurance:** We partner with trusted global manufacturers, importing machinery that meets ISO standards and rigorous quality checks.
- **Comprehensive Support:** From machine installation and operator training to robust after-sales service, we partner with you throughout your industrial journey.
- **Value Proposition:** We make the world's best technology accessible and affordable for the Indian industry.





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A STRATEGIC PARTNERSHIP

ImporTech Solutions LLP is proud to be appointed as the official India agent for Shandong Bolida Machinery Co. Ltd., China, for their comprehensive range of Pellet Manufacturing Machines. This partnership enables us to offer our clients a diverse portfolio of high-quality machines, tailored to meet the specific needs of the Indian market.

OUR SERVICE OFFERINGS

At ImporTech Solutions, we go beyond just supplying machines. Our comprehensive services ensure that our clients succeed in the Pellet Manufacturing business:

- **Consultancy Services:** We help you understand the Pellet Manufacturing business, its potential, and the government subsidies available. Our experts guide you through financial planning, target market identification, and go-to-market strategies, ensuring a smooth transition from concept to commissioning.
- **Pan-India Distribution:** We distribute Pellet Manufacturing Machines across India, ensuring timely delivery and installation.
- **Comprehensive Post-Sales Support:** Our dedicated team provides genuine spares and maintenance services, ensuring minimal downtime and maximum productivity. Let us help you transform your production processes with our cutting-edge technology and unparalleled support.



Shandong Bolida Machinery Co., Ltd.

BIOMASS GREEN ENERGY ONE-STEP SERVICE PROVIDER

About Us:

Shandong Bolida Machinery Co., Ltd. is a leading manufacturer of biomass energy equipment, committed to providing one-stop solutions for global customers.

Our Strengths:

- Over 70 patents and a team of 30 R&D experts
- 300+ employees and 20+ years of industry experience
- 80,000 sqm manufacturing facility with ISO9001, ISO14001, and ISO45001 certifications
- Serving 6,000+ customers in 100+ countries

Our Products:

- Biomass pellet machines
- Wood pellet production lines
- Biomass energy equipment

Global Presence:

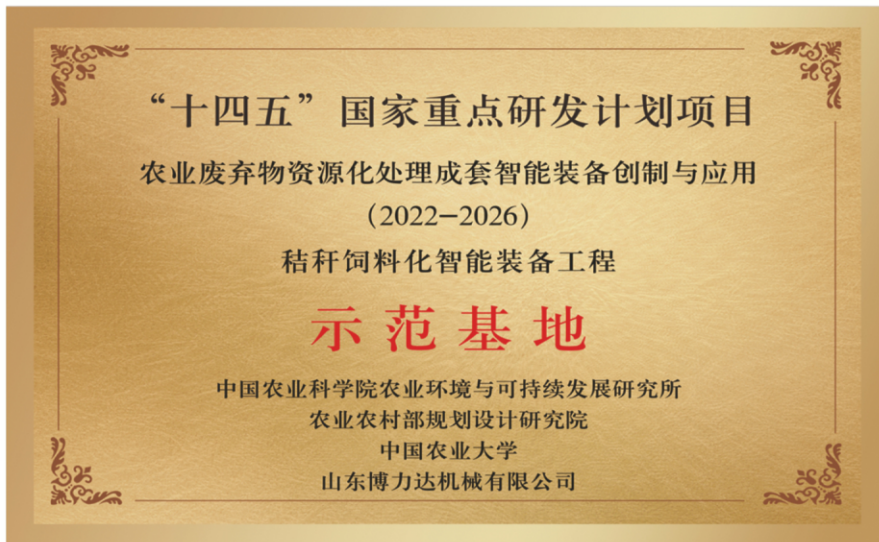
- China: 30+ provinces and cities
- Indonesia: Representative office in East Java
- International: Exporting to 100+ countries





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Certified Excellence, Trusted Worldwide





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Unlocking Green Business Opportunities

Pellets Manufacturing: The Future of Sustainable Energy

Join the renewable energy revolution with pellet manufacturing, a lucrative business opportunity that combines revenue potential with environmental sustainability. With the increasing demand for clean energy, investing in pellet manufacturing can yield significant returns while contributing to a greener future.

- **High Revenue Potential:** Capitalize on the growing demand for biomass pellets, driven by government initiatives and increasing energy costs.
- **Environmental Benefits:** Contribute to a cleaner environment by utilizing agro-forestral waste and other biomass materials, reducing greenhouse gas emissions and promoting sustainable energy.
- **Government Incentives:** Leverage government schemes and subsidies supporting renewable energy projects, ensuring a favorable business environment.

Raw Materials

Our pellet manufacturing solutions cater to a wide range of raw materials, including:



Mustard Husk



Ground Nut Shells



Soya Bean Husk



Juliflora



Press Mud



Bagasse



Cotton Dust



Rice Husk



Sawdust



Wood Chips



Wood Shavings



Tree Bark



Pine Needles



Napier Grass



Bamboo



Veneer Waste



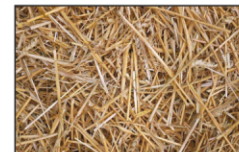
Paddy Straw



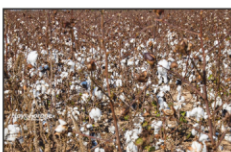
Sugarcane Leaves



Maize Stalks



Wheat Straw



Cotton Stalks



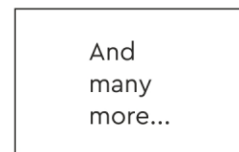
Arhar Stalks



Almond Shells



Cashew Shells



And
many
more...

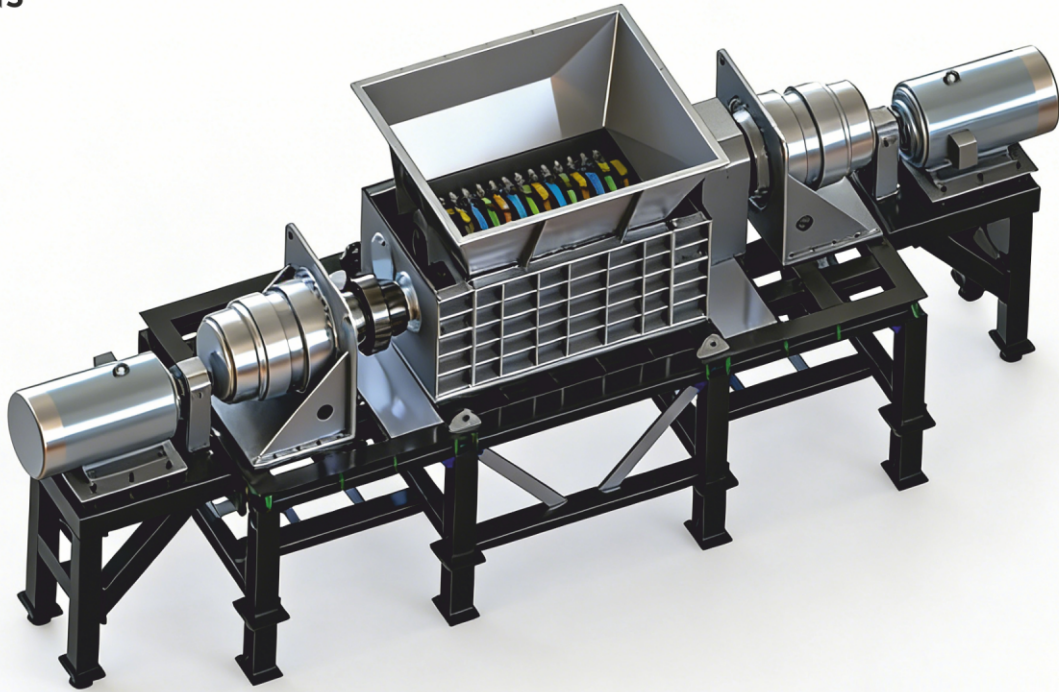
Every Raw Material is Unique

Depending on the size, shape, and moisture content of your raw material, we offer customized machine solutions to ensure optimal pellet production. Our experts will help you choose the right machine for your specific needs, ensuring efficient processing and high-quality pellets.



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DOUBLE SHAFT SHREDDER



The double-shaft shredder is an industrial equipment that reduces the size of materials by shearing, tearing and squeezing. It is widely used in the recycling of waste plastics, waste rubber, wood and other large-volume waste. It is an important equipment in the field of waste resource recycling with the characteristics of high efficiency, durability and easy maintenance.

1) Efficient crushing: Through two mutually coordinated knife rollers. Each knife roller is driven by an independent motor to form a high-torque shear force, which can quickly and efficiently complete the crushing work.

2) Strong adaptability: Suitable for various waste materials, such as waste plastics, waste rubber, wood, waste home appliances, waste vehicles, etc.

3) Easy to maintain: reasonable structural design, easy maintenance and long service life.

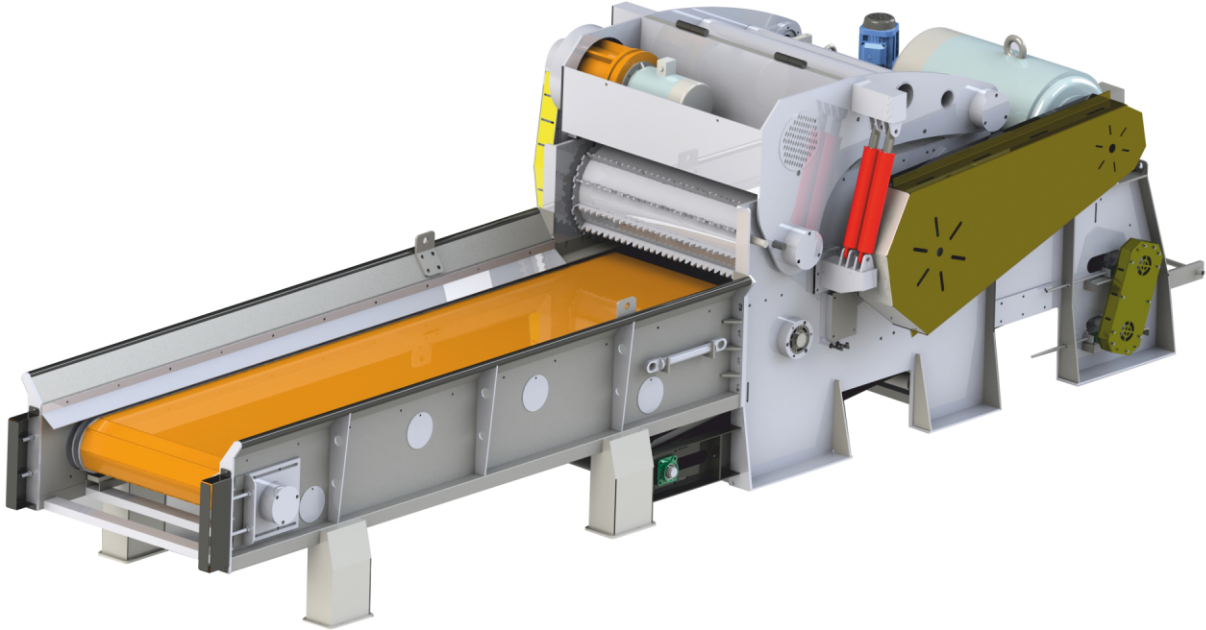
4) Low noise and low energy consumption: low speed and high torque shear design are adopted to reduce noise and energy consumption.

Model	Shredding Chamber Diameter (mm)	Power (kw)	Capacity	Discharge Particle Size (mm)
Bd800	990*730	42*2	1-5	30-100
Bd1000	1230*920	55*2	3-10	40-100
BD1500A	1820*1200	90*2	5-15	50-100
BD1500B	1820*1200	160*2	10-20	50-100
BD2000	1830*1200	280*2	20-40	60-100



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COMPREHENSIVE WOOD CRUSHER



The comprehensive crusher is composed of a machine base, knife rotor, upper and lower feeding mechanisms, feeding devices, and hydraulic buffering systems. It is mainly used for crushing and crushing materials such as wood log, construction templates, demolition materials, and templates.

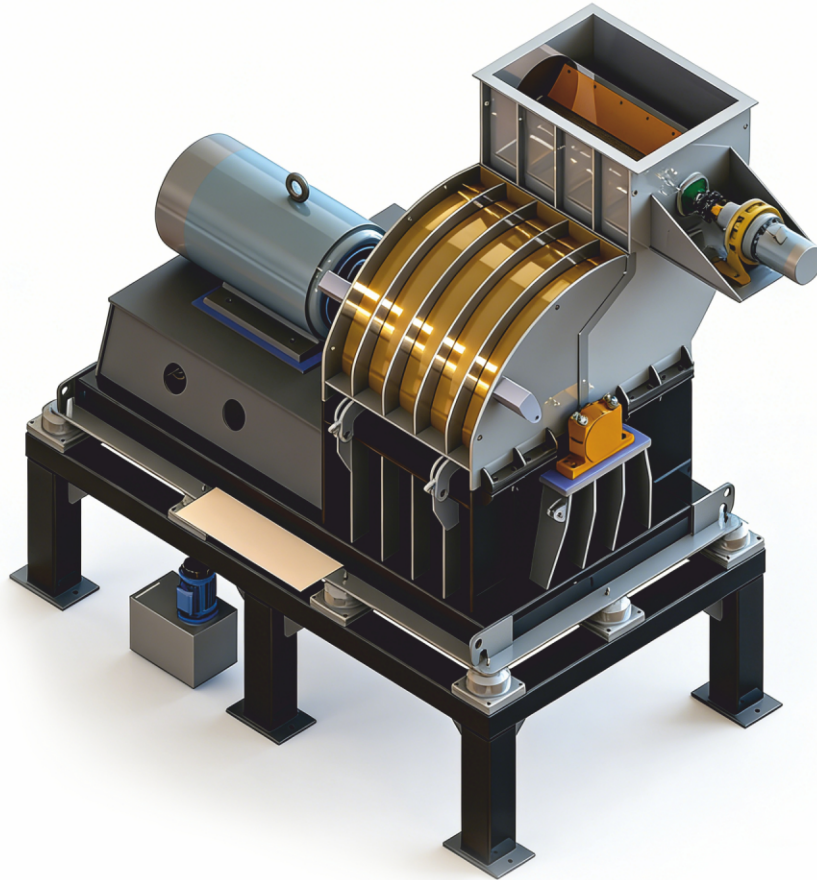
The wood crusher mainly relies on impact energy to complete the task of crushing wood. The hammer type comprehensive crusher, when in operation, the motor drives the rotor to rotate at high speed, and the wood uniformly enters the chamber of the comprehensive crusher. The high-speed rotating hammer head impacts, cuts and tears the wood, causing it to be broken. At the same time, the gravity of the wood itself causes the wood to rush from the high-speed rotating hammer head to the baffle and sieve bar inside the frame. A sieve plate is installed at the lower part of the rotor, and the particles smaller than the sieve hole size in the crushed wood are discharged through the sieve plate. The wood larger than the sieve hole size is retained on the sieve plate and continues to be hit and ground by the hammer. It is mainly used for breaking round wood, small diameter wood, branches, branches, boards, Flat noodles, bamboo and other materials

Model	Capacity	Power (kw)	Inlet Size (mm)	Chips Size (mm)
YMPJ 216	4-6	55+3+4+1.5	545*230	30-110
YMPJ 218	6-10	110+5.5+5.5+1.5	710*360	30-110
YMPJ 2113	15-25	315+11+11+3	1100*530	30-110
YMPJ 2116	40-60	450+18.5*2+4+5.5	1250*700	30-50
YMPJ 1300-300	6-10	110+5.5+5.5+1.5	1300*300	30-110
YMPJ 1300-600	12-15	160+7.5+7.5+3	1300*600	30-110
YMPJ 1400	15-20	220+7.5+7.5+3+3	1400*600	30-110
YMPJ 1650	18-25	220+11+7.5+3+4	1650*600	30-110



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HIGH EFFICIENCY HAMMER MILL



High efficiency hammer mill working principle is that the raw material go into the grinding chamber, then will be grinding by the impact force and shear force caused by high speed rotating rotor and collision force caused by the high speed rotating rotor, then pass through the screen to get the eligible products

- 1.The motor connect rotor directly, the rotating speed can be 1500-3000r/min, lower power loss and higher efficiency
- 2.Discharge from both side sieve. increased the discharge area and improved capacity.
- 3.The machine body adopts unique structural design. discharge smoothly no blind spots.
- 4.The particle of screen mesh can be adjusted, ensure finished products requirement.
- 5.Work with cyclone and bag dust collector. more better dedusting efficiency.

Model	Capacity	Power (kw)	Diemension (mm)	Hammer Qty
YGFS65*55	1-2	37/45	2300*1165*2100	48
YGFS65*75	2-3	55/75	2755*1165*2100	72
YGFS65*100	3-4	90/110	3100*1165*2100	96
YGFS120*75	4-6	132/160	3475*1860*2906	72
YGFS120*100	6-8	160/200	3145*1820*3060	96
YGFS120*150	8-15	315	3900*2000*3745	144
YGFS130*250	18-20	500	5160*2300*4100	156



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SINGLE DRUM ROTARY DRYER



The rotary dryer is mainly composed of a drum, a roller ring, a base roller, and a tail dust removal device. The hot air and the material are in contact in the drum, and the material and the hot air are fully in contact through the lifting plate structure design in the drum to achieve the drying effect

1 The heat carrier in the dryer is in direct contact with the dried material, mainly relying on convection heat transfer, with high heat utilization rate and wide use:

2. The lifting plate is spirally distributed inside the drum, which can achieve a better lifting effect. The lifting plates arranged at different angles make the drum cross-section material curtain reach more than 80% of the drum cross-sectional area, increasing the contact area between the dried material and the hot air in the drum, thereby improving the drying efficiency:

3. The rotating drum speed is variable frequency adjustable, and the drum speed can be flexibly adjusted according to the moisture content of different materials and the inlet air temperature to achieve the best drying effect,

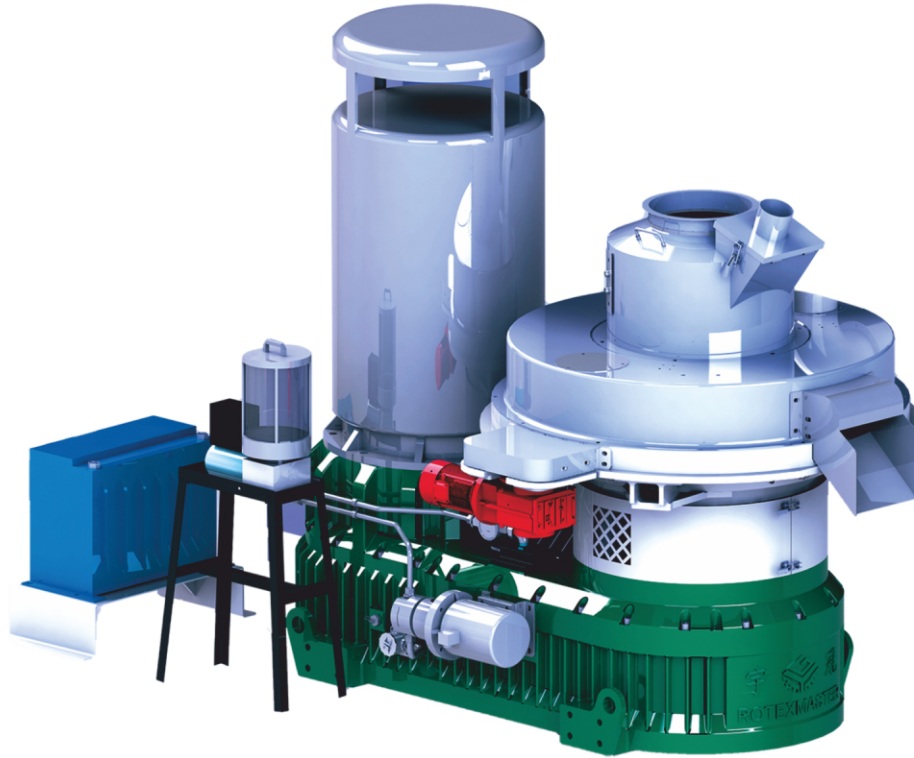
4. The inlet and outlet sealing cover adopts a scale-type stainless steel plate sealing device, which reduces the air leakage at the inlet and outlet cover, thereby improving the drying efficiency

Model	Power (kw)	Evaporation	Tilt Angle
YGHG1.2*12	5.5+15+2.2+1.5 kw	0.3-0.6 T/H	2-3*
YGHG1.5*12	11+18.5+3+2.2 kw	0.47-0.91 T/H	2-3*
YGHG1.8*18	18.5+37+3+2.2 kw	1.01-1.90 T/H	2-3*
YGHG2.0*18	18.5+55+5.5+2.2 kw	1.25-2.3 T/H	2-3*
YGHG2.2*24	22+90+5.5+2.2 kw	2.02-3.36/H	2-3*
YGHG2.5*24	22+90+5.5+3 kw	2.61-4.16 T/H	2-3*
YGHG3.0*24	30+132+5.5+3 kw	3.76-5.6 T/H	2-3*
YGHG3.5*24	37+132+5.5+5.5 kw	5.5-7.2 T/H	2-3*
YGHG4.0*24	55+160+5.5+5.5 kw	8.0-11.8 T/H	2-3*



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BIOMASS PELLET MACHINE



The new vertical centrifugal pellet machine is the latest pellet machine in China. The pellet machine adopts a large modulus hard toothed helical gearbox, strengthened spindle, strong power output. equipment stable operation, low failure rate, low production cost It is the preferred machine model in the biomass industry.

1 The mold is placed flat. and the feeding method is vertical direct feeding, which avoids material blockage, has a wide range of material adaptability and strong heat dissipation.

2. Core components: The mold is made of wear-resistant stainless steel. vacuum furnace carburizing heat treatment, uniform heat treatment hardness. and strong wear resistance The mold is vertical double-layer, which improves utilization. reduces costs. and has the highest cost performance

3. The motor and gearbox are connected through a plum blossom coupling, which is easier to disassemble and maintain The gearbox has three-stage reduction and strong load-bearing capacity. The unique separation design of the main shaft ensures the concentricity of the equipment and reduces the failure rate of the equipment.

4 The machine has its own lubrication and cooling system, no need to stop. and the whole machine can achieve 24-hour fully automatic intermittent lubrication, extend-ing the life of the equipment's wearing parts.

5. The unique external design of the rotary device of the material feeding system means that the slewing bearing is no longer corroded by the high-temperature steam in the machine's discharge cover, which greatly extends the service life of the rotary device of the material feeding system.

Model	Capacity	Power (kw)	Diemension (mm)	Pellet Size (mm)
YGKJ560	1-2	90/110/132	2200*1280*1640	6-12
YGKJ700	2-3	160/200	2450*1400*1950	6-12
YGKJ880	3-4	220/250	2800*1720*2130	6-12
YGKJ980	6-8	450/500	3520*2310*2830	6-12
YGKJ1280	10-15	800/1000	4960*2950*3550	6-12

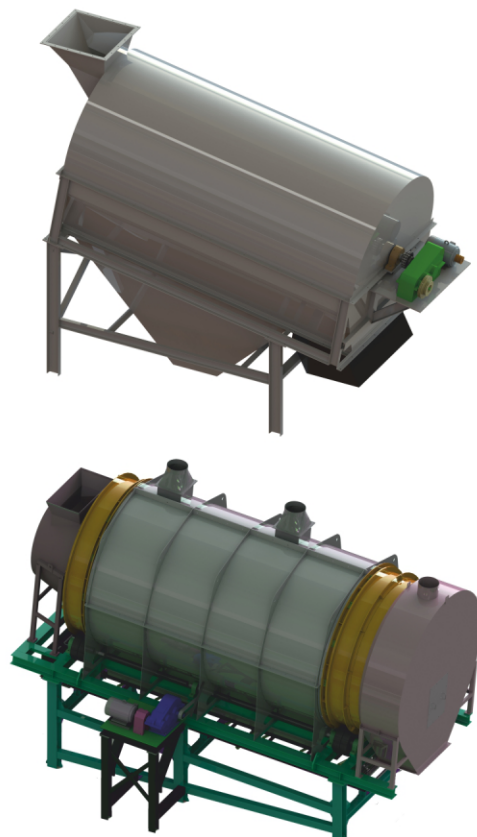


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COUNTER FLOW COOLER

The counter flow cooler is a new type of cooler that is relatively advanced in the world. It uses the counterflow cooling principle to cool high-temperature and high-humidity pellet materials. The natural wind passes through the material layer vertically, first contacts the material layer, and gradually The heated hot air is in contact with the hot material, and the direction of the air flow is opposite to the direction of the material flow, so that the pellet material is gradually cooled in the same direction, which can avoid the surface cracking of the pellets caused by the direct contact between the cold air and the high-temperature pellet material. Air enters the cooler from all directions from its bottom, with large air inlet area, high utilization rate, low energy consumption, easy operation and remarkable cooling effect. The pellets are fully and evenly cooled. The unique slide valve vibration is used for mechanical discharging. The operation is stable and the discharging is smooth. The temperature of the cooled pellets is room temperature +5~15C.



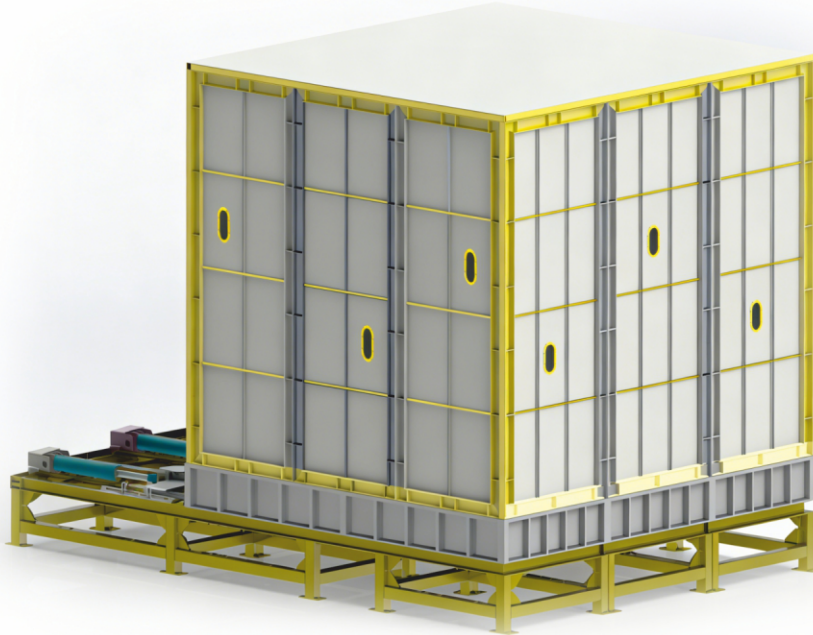
ROTARY SCREEN

The rotary screen mainly consists of motor, reducer, drum device, frame, sealing cover, and inlet and outlet. The roller device is installed obliquely on the frame. The motor is connected to the drum device through the reducer through a coupling, driving the drum device to rotate around its axis. When the material enters the drum device, due to the tilt and rotation of the drum device, the material on the screen surface is turned and rolled, making the material pass the screen. Materials (products under the screen) are discharged through the discharge port at the bottom of the rear end of the drum, and unqualified materials (products above the screen) are discharged through the discharge port at the tail of the drum. Due to the flipping and rolling of materials in the drum, materials stuck in the screen holes can be ejected to prevent the screen holes from being blocked.



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HYDRAULIC CARRIAGE SILO



Hydraulic silo features:

1. Hydraulic silo is suitable for storing all kinds of flake and powder materials, The bottom of the silo adopts a hydraulic slide mechanism, which will not cause the material to bridge and arch.
2. The hydraulic system of the hydraulic silo slide drive is precisely controlled. The hydraulic system pressure and flow are adjustable. The hydraulic cylinder travel speed and stroke are adjustable. so as to control the discharge volume of the hydraulic silo.
3. The hydraulic silo is equipped with a material level monitoring system, which is linked with the in-and-out equipment for control, and the system control has a high degree of automation



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EQUIPMENT ACCESSORIES

Shredder Spare Parts



Blade



Hammer



Knife Sharpener

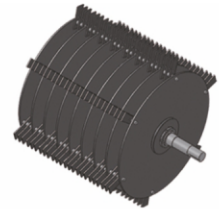
Hammer Mill Spare Parts



Hammer



Screen Mesh



Rotor

Pellet Machine Spare Parts



Ring Die



Roller



Roller Wrap

Other Ancillary Machinery



Bearing



Screw Conveyor

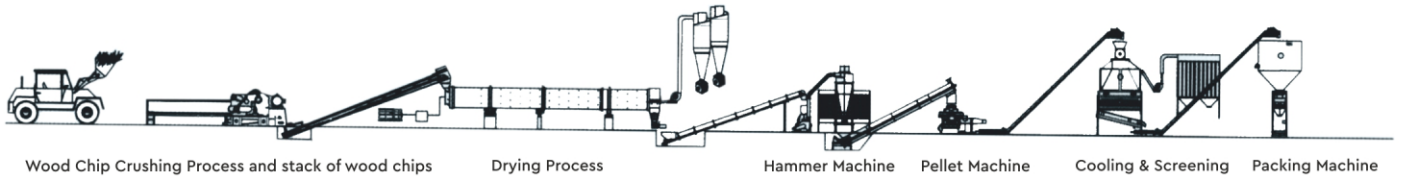


Large Angle Belt Conveyor

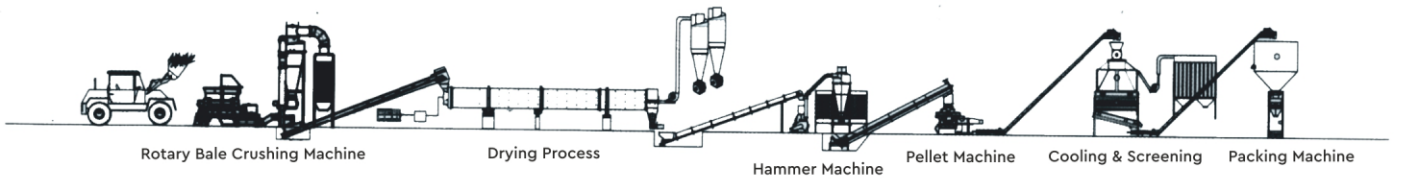


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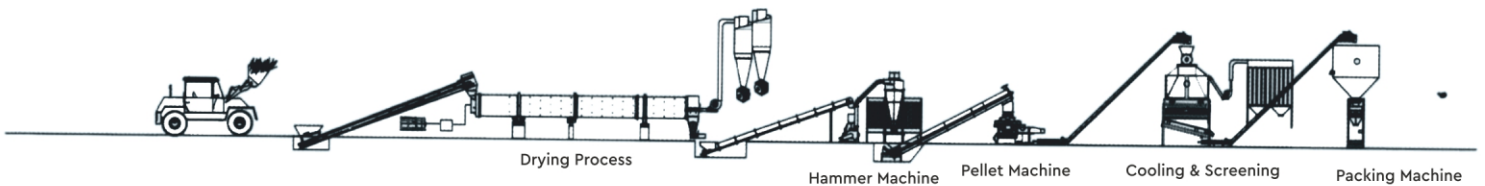
Flow Chart for Wood Pellet Production Line



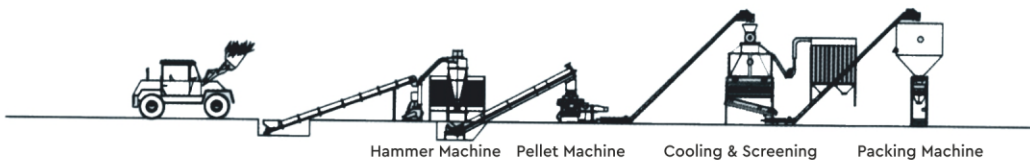
Flow Chart For Parali Pellet Production Line



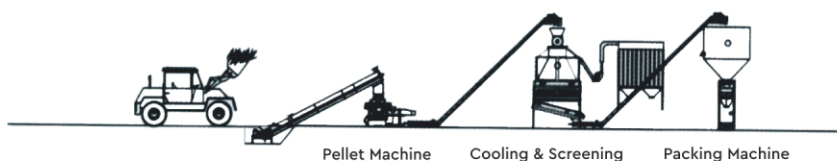
Flow Chart For Baggas & Wet Agro Waste Pellet Production Line



Flow Chart For Dry Agrowaste Pellet Production Line



Flow Chart For Rice Husk Pellet Production Line





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