



SHANGHANGDA MACHINERY

PRODUCT CATALOGUE



WOOD PELLET PRODUCTION LINE



We are Shanghangda Machinery Manufacturing Co., Ltd., the manufacturer was established in 1999, one of the first Chinese companies to initiate its own research capabilities in wood chipper and biomass pellet technology.



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Wood chipper is a multi-functional crushing equipment that can crush all kinds of large materials (used furniture, plank with nails, wooden pallets, large-diameter wood, roots, weeds, etc.).



SHD218

Product parameters:

Wood Chipper Model	Power(KW)	Feed Port(MM)	Rotor Diameter(MM)	Capacity(T/H)	Knife/Hammer Quantity (PCS)
SHD218	110	750*240	800	8-10	3/16
SHD219	160	870*240	800	15-25	3/16
SHD1250-500	132	1250*500	800	10-15	6/24
SHD1400-600	160	1400*600	800	15-20	6/24
SHD1650-600	200	1650*600	800	20-30	6/28
SHD1400-800	250	1400*800	1050	25-35	6/32
SHD1600-800	315	1600*800	1050	40-50	6/32
SHD2000-1000	450	1800*1000	1200	50-70	9/36
SHD2000-1300	530	2000*1000	1300	70-90	9/36





AFTER SERVICES



SECURITY



INSTALLATION



MANUFACTURING



CONFIRMATION



TRANSPORTATION





● Diesel mobile accept customization







Product parameters:

Wood Crusher Model	Power(KW)	Rotor Length(MM)	Capacity(T/H)
SHD3000	160	1400	10-15
SHD3200	200	1800	15-20
SHD3600	250	2200	20-25

The **wood crusher** is a special equipment for cutting tree roots in biomass power plants. It is widely used in the preparation section of various biomass power plants. The main cutting materials of this machine are tree stumps and large-sized wood. This machine has the advantages of rapid feeding and high efficiency. The tree stump crusher is simple in structure, easy to operate, high in production capacity, safe and reliable for crushing tree stumps and easy to maintain. It is a relatively advanced tree stump crushing equipment in the current wood chipper market.





● Diesel mobile accept customization

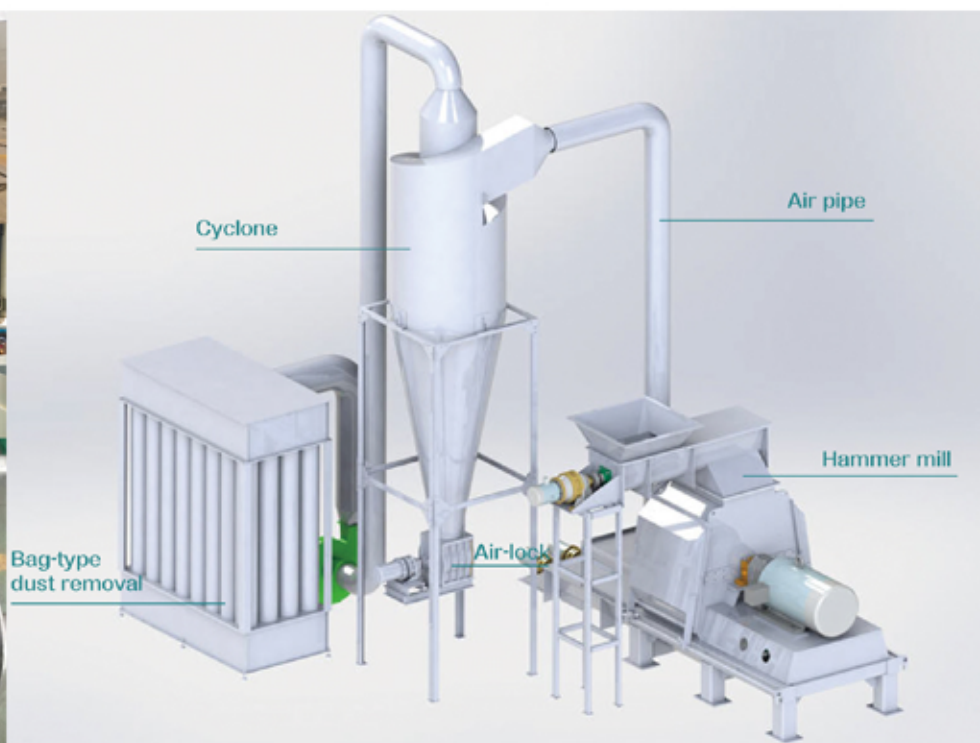


Designed for the most demanding applications, **hammer mills** are available in a variety of sizes and models to meet any particle size reduction and grinding need. The working principle of the hammer mill is: the raw materials enter the crushing chamber, are crushed by the impact force and shear force generated by the high-speed rotating rotor, and the collision force generated by the high-speed rotating rotor, and then pass through the screen. to obtain qualifying products.

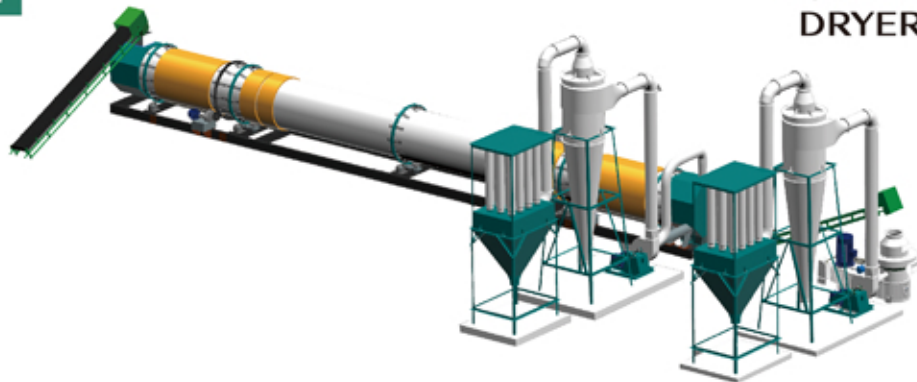


Product parameters:

Hammer Mill Model	Power (KW)	Capacity(T/H)
SHD65-75	55	1-1.5
SHD80-65	75	1.5-2
SHD100-65	90	2-3
SHD100-80	110	3-4
SHD130-80	132	4-6
SHD160-100	160	6-8
SHD140-A	220	8-10
SHD160-150	250	10-12

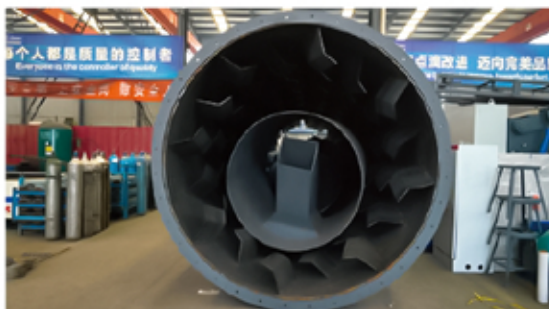
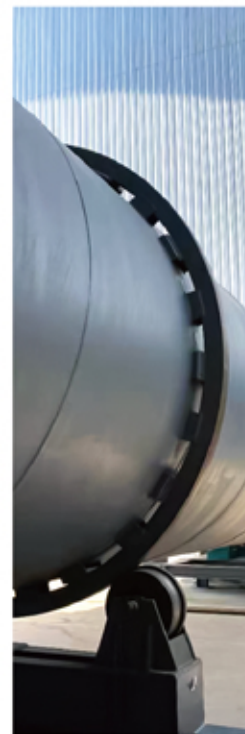
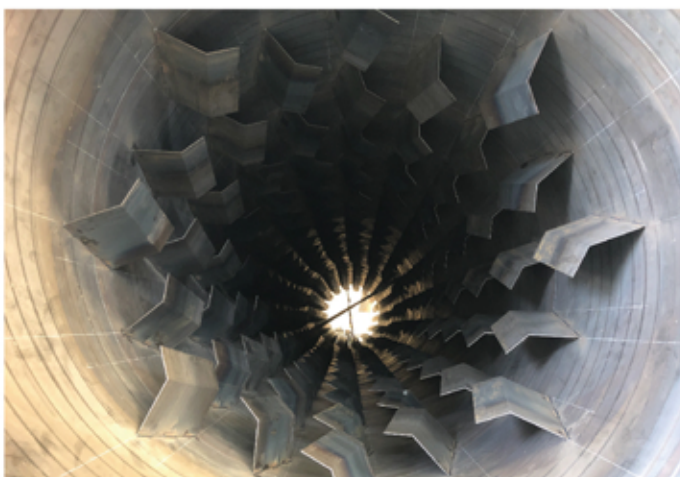






Product parameters:

Rotary Dryer Model	Power(KW)	Capacity(T/H)
1.2*12	11+15	1.0-1.5
1.5*15	15+17.5	1.5-2.0
1.8*18	17.5+22	2.0-2.5
2.0*20	22+30	2.5-3.0
2.2*22	22+37	3.0-4.0
2.4*24	30+45	4.0-6.0



SUITABLE RAW MATERIALS

ALL KINDS OF HOLLOW CONTAINERS

plastic beverage cans, plastic buckets, iron drums, packing boxes, packing drums.

USED HOUSEHOLD APPLIANCES

TV, washing machine, refrigerator shell..

PIPE MATERIAL

large pipe, pipe fitting and PE pipe.

USED TEMPLATES

wooden pallets, plastic pallets and forklifts.

USED TIRES

car tires, truck tires.

SCRAP METAL

automobile housing, aluminum alloy, scrap cast aluminum parts, engine housing, lead and steel plates with thickness below 5mm.

COOKING GARBAGE, LIVING GARBAGE, RDF DERIVATIVE, MEDICAL WASTE, BIOLOGICAL ORANGE POLE, GARDEN GARBAGE.

GLUE HEAD MATERIAL, PAPER MILL ROPE.





Product parameters:

Wood Pellet Machine Model	Power(KW)	Capacity(T/H)	Pellet Diameter(MM)
SHD560	90kw	1-1.5	8-12
SHD560	110kw	1.3-1.8	8-12
SHD650	132kw	1.5-2.0	8-12
SHD760	160kw	2.0-2.5	8-12
SHD850	220kw	3.0-3.5	8-12
SHD880	250kw	3.5-4.0	8-12





APPLICATION



Fireplace



Boiler



Heating System



Power Plants



Product parameters:

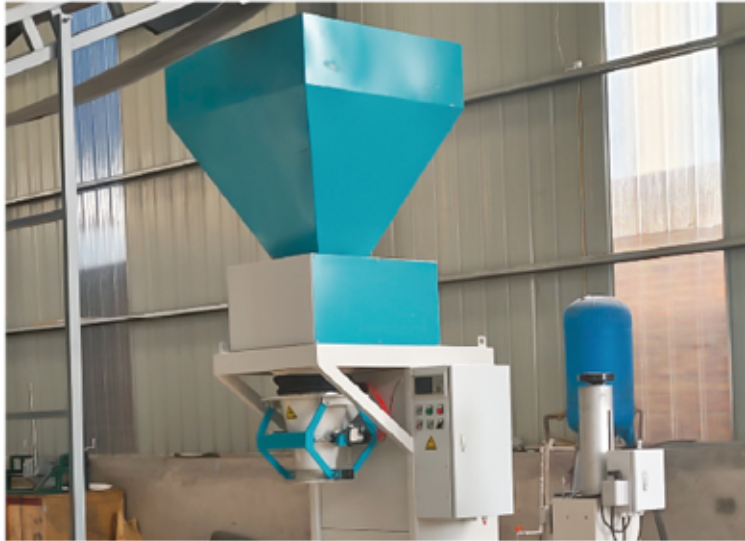
MODEL	OUTPUT(kg/h)	POWER(kw)	SIZE(mm)	WEIGHT(kg)
250	100-150	15	1120*440*1060	600
300	200	22	1280*550*1200	800
350	300	30	1300*530*1200	900
400	400-500	37	1380*530*1200	1200
450	500-700	45	1620*690*1600	1500
450	600-800	55	1700*690*1600	1600
550	800-1000	75	1500*1000*1400	1700
650	1000-1200	90	1500*1000*1500	1800



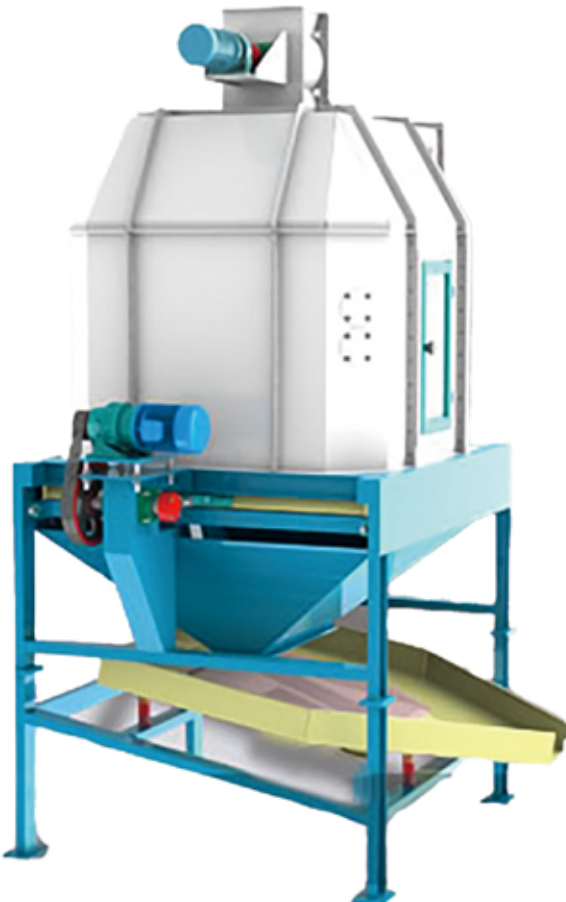
ANIMAL FEED
PELLET MACHINE



The pellet machine is an automatic biomass pellets **packing machine**. It is convenient and effective without any labor consumption, saving production costs. The image below shows the latest pellet packing machine made by Yugong.



COUNTER COOLER



The **counter flow cooler** adopt countercurrent cooling principle to cool down the pellets with high temperature and humidity, which avoid pellet cracking by the direct contact between hot pellets and cold airflow. so there is no quick chilling happens and pellet surface cracking can be prevented.

Use closed unloader with large inlet area, so the cooling effect is significant;

Adopts slide valve or tilting discharge mechanism with smooth and reliable motion, less pellets remain;

Low energy consumption, easy to operate.







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