

Do you have any questions about our crushing mill?  
We are happy to assist you.



**maoyue**<sup>®</sup>  
PULVERIZER

www.maoyuemills.com

YOUR BEST CHOICE.

FOCUS ON THE R&D AND  
MANUFACTURING OF CRUSHING  
AND RECYCLING EQUIPMENT

**maoyue**<sup>®</sup>  
PULVERIZER

CHANGZHOU MAOYUE INTELLIGENT  
EQUIPMENT CO.,LTD.

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www.maoyuemills.com

# Excellent Pulverizer Expert

CHANGZHOU MAOYUE  
INTELLIGENT EQUIPMENT CO., LTD.

# YOUR BEST CHOICE.



If you're looking for a source of crushing mill manufacturing?

**MAOYUE**

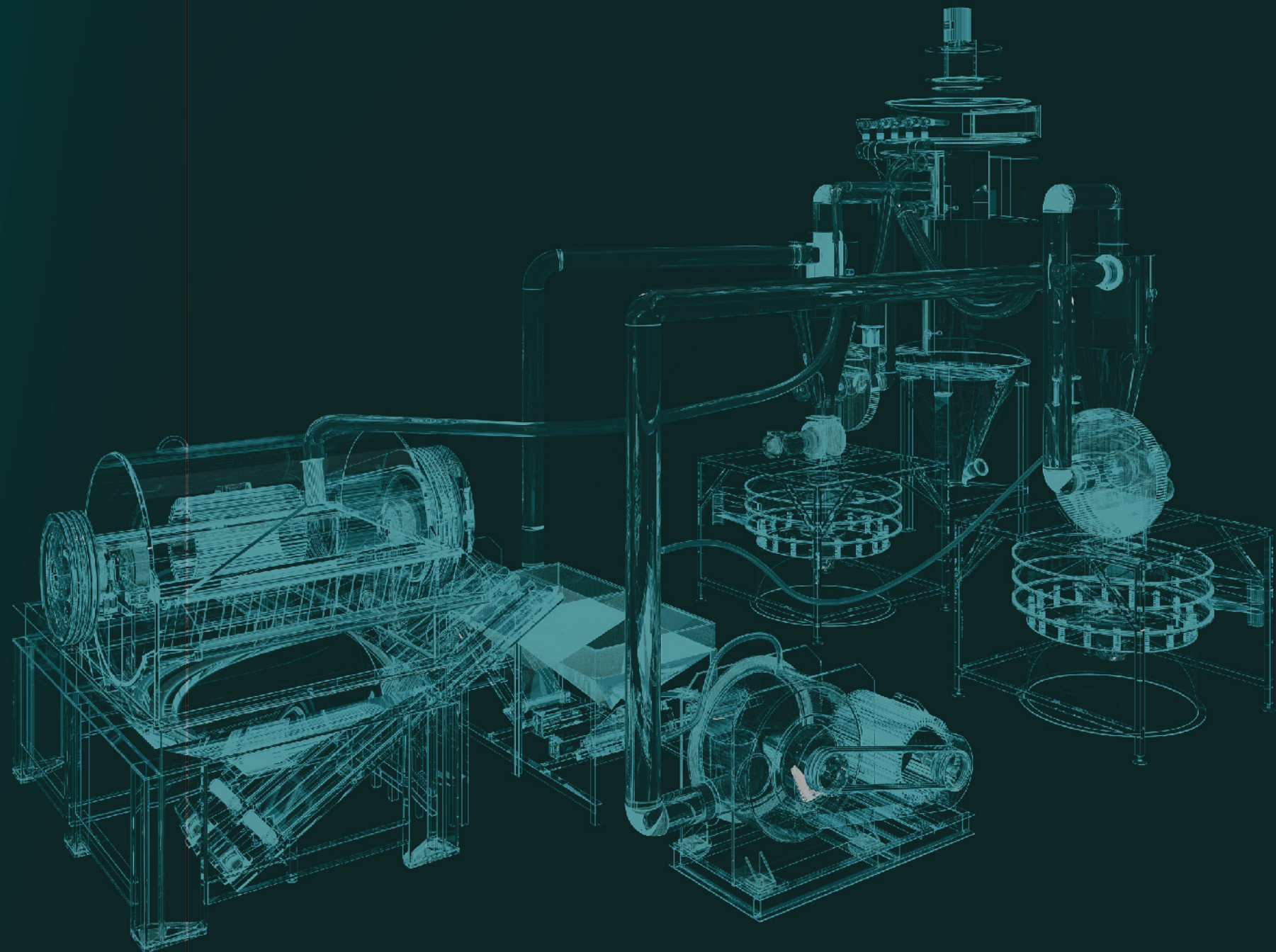
**"Pulverizer-how"**

Founded in 1990, the crushing mill manufacturing and technology accumulation known for its high level and specialization, tailored to your needs.

MAOYUE stands for quality, reliability and customized service.

We are one of the leading manufacturers in the pulverized recycling equipment industry.

We are always committed to the improvement and innovation of pulverized recycling solutions.





# Ideal Choice For Plastic Recycling Solutions



## Our Vision

Make plastic recycling more valuable and continue to create value for customers

## Our Values

Customer-centric, contributor oriented.  
Integrity and responsibility, pursuit of excellence,  
Achieve customers, win-win cooperation, respect the system

Excellent Plastic Recycling Equipment

MAOYUE, founded in Changzhou, China in 1990, is committed to serving the global plastic processing industry, focusing on the research and development and manufacturing of crushing recycling equipment. As a family-owned enterprise specializing in crushing and milling technology, our goal is always to make our customers a significant success. Through sustainable and stable technologies and products, MAOYUE has become the preferred source manufacturing supplier for crushing mill and the ideal partner for many customers' OEM projects, always maintaining a leading position in the market.



Our mission is to manufacture the most stable plastic crushing recycling solutions through our experience, focus our core strength on the research and development of mechanical equipment and tools and parts, provide professional, high-quality, high-performance crushing recycling equipment and automation systems with independent research and development strength. From high-efficiency mill to multi-functional crusher and super power shredder, including crushing mill recycling line and special tools and supporting device. With the help of MAOYUE "Pulverizer-how" technology, we provide a complete range of solutions in the field of plastic recycling. For a long time, after 33 years of growth, MAOYUE has always adhered to the concept of "innovation-driven development, quality wins the market", has a "Pulverizer-how" technology center and tool material research and development center, pulverizer-recycling equipment output more than 150,000 units, business all over the world.

We always know what our users want, create the best solutions for our customers and keep our promise to be "Your best choice".

ZERMA Refining Recycling Equipment Consists of Three Main Series

Crusher

Pulverizer

Shredder



## Serve Numerous Fields

MAOYUE is a leading provider of plastic recycling solutions, serving a wide range of industries such as:

PVC PIPE	RESIN TILE	HDPE
PE	WALLBOARD	PE ROLLING PLASTIC
PVC FLOOR	WALLPAPER RECYCLING	THIN FILM
PP	CABLE	PE IMPREGNATED PLASTIC



# Make Plastic Recycling More Valuable

Excellent Pulverizer Expert

I Save Resources

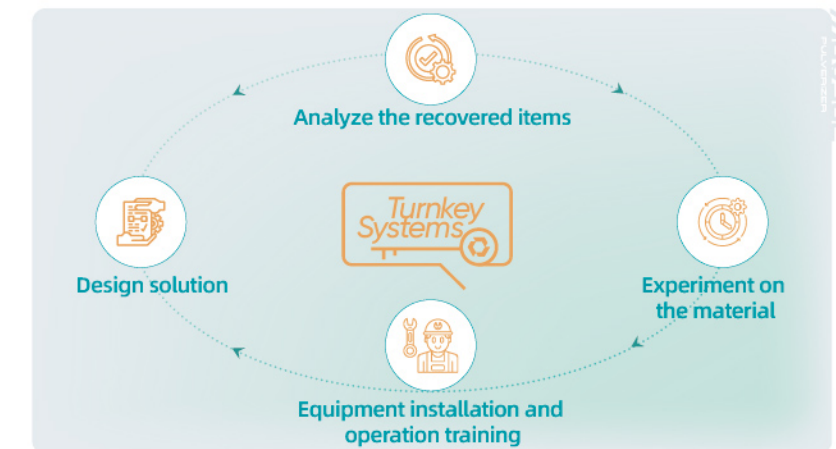
I Create Cycle

I Improve Efficiency

I Create Value

## Full turnkey system services

We help you with everything from analyzing materials to experimenting with materials, from designing solutions for recycling to manufacturing lines, delivery, installation and training. Can help you implement a personalized plastic recycling turnkey system.



## Personalized Tailored Solutions

We are always with you, according to your recycling needs, to provide you with personalized tailored services, and provide professional technical advice and system services. Our multi-disciplinary teams identify the most efficient solutions.



## Improve Manufacture Efficiency

Maoyue's high-performance Pulverizer recycling equipment is economized, optimized, and accelerated. Through high-performance "Pulverizer-How" technology system and patented cutting tool technology, the high-efficiency recycling efficiency is increased by 30%, providing the highest output in a extremely short cycle time.



## Original Parts and Maintenance Spare Parts

Our tool and spare parts manufacturing center offers fast delivery of original spare parts, as well as advanced spare parts integration and management services to help keep your process up and running.



# Grinding Disc Plastic Grinding Machine

PE PP EVA Crusher systems, the PPMF series of plastic grinders are available with disk diameters from 400 to 800 mm. These plastic shredders are high-speed, precision grinders that process medium-hard, impact-resistant and fragile materials. The material to be pulverized is introduced through the center of a vertically fixed mill, which is concentrically mounted with an identical high-speed rotating disk. Centrifugal force carries the material through the grinding area, and the resulting powder is collected by blower and cyclone systems. Depending on the application, the PE PP EVA mill can be equipped with an integrated grinding disc or grinding section.

PE PP EVA plastic crusher is mainly composed of motor, disc blade, feed fan, vibrating screen, dust removal system and so on. According to the needs of customers, you can choose some accessories, such as converter, vacuum feeder, screw feeder, magnetic net, metal separator, chiller, pulse dust collector, metering, weighing and packaging machine.

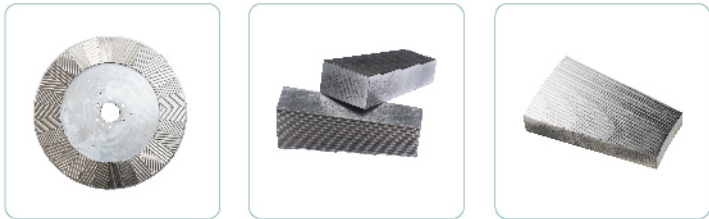
Excellent Pulverizer Expert



- Automation
- Improve Efficiency
- Cost Saving
- Integrated Intelligence

## Performance Characteristics

- New grinding disc design, good quality, strong wear resistance, service life is twice that of ordinary grinding disc.
- Newly designed professional bearings with high speed. At the same time, only one drive motor is used to ensure efficient grinding and crushing, which greatly saves the time of machine operation and engineering control.
- Easy to install and maintain, just open the door to clean.
- The whole pulverizing process is sealed, no dust leakage.
- Automatic design, automatic feeding, discharging, sorting.
- Grinding clearance adjustment is simple and can be fine-tuned using only feelers and adjusting bolts.
- The crusher adopts dual cooling system of water and wind to prevent overheating of bearings and other components.
- SKF bearings, Siemens motors and other well-known brand accessories, can work for a long time, saving the trouble of frequent replacement parts.
- With a wide range of optional accessories, professional solutions can be developed according to the customer's budget and processing requirements.



## Performance Parameter

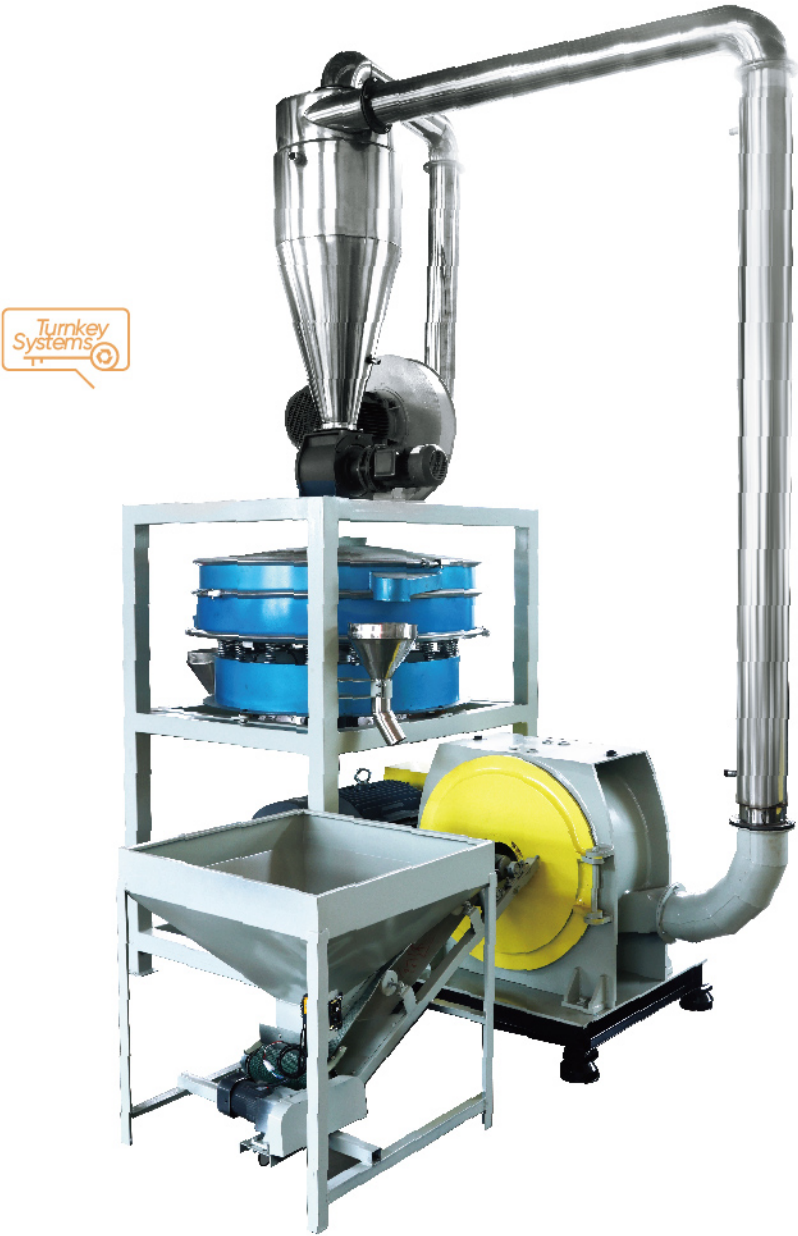
Mdoel		MYMF-500	MF-600	MYMF-800
Disc Diameter	mm	500	600	800
Dimension (Length * Width * Height)	mm	2900*2900*3900	3000*3000*4000	3200*3100*4000
Main Motor	kw	45-55	55-75	75-90
Fan	kw	5.5	7.5	11
Vibrating Machine	kw	1.1	1.5	1.5
Discharger Motor	kw	0.75	1.5	2.2
Capacity	kg/h	100-500	150-800	200-1200
Cooling Mode		Water, Air		
Plastic Finishing Size	mesh	20-120	20-120	20-120



# Cutter Plastic Grinding Machine

Plastic grinding machine is widely used in moderate hardness, impact resistance fragile materials , such as PE,PP,ABS,PA,EVA,PET,PS,PPS,EPS,PC,etc.

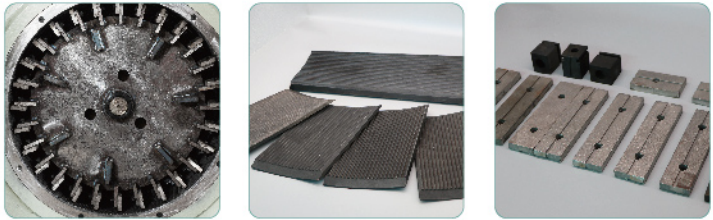
Excellent Pulverizer Expert



- Automation
- Improve Efficiency
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## Performance feature

- New grinding disc design, high output, strong wear-resisting property, longer life.
- Using newly designed bearings, high speed is achieved - easy installation and maintenance, and can be cleaned by opening the door cover.
- The grinding process is fully sealed, no dust leakage - full automation, automatic feeding, back grinding, discharging, sorting.
- The adjustment of the grinding gap is simple and can be adjusted only by using the feeler and adjusting bolt.
- The main cooling system adopts the combination of wind and water cooling.



## Performance parameter

Mdoel		MF-500	MF-700	MF-800	MF-850
Millstone diameter	mm	φ 470	φ 660	φ 660	φ 660
Main motor power	kw	45	55	75	90
Number of strokes		24	32	32	32
Suction fan	kw	4	5.5	7.5/11	11/15
Vibrating screen diameter	mm	800	1000	1200	1500
Shut-off fan power	kw	0.75	0.75	1.5	2.2
Output	Kg	120-280	160-450	300-800	700-1200
Dimension	mm	2000*2000*3000	2700*2500*3900	2800*2600*3960	3000*2680*3980
Weight	kg	1900	2000	2100	2300



# Heavy Crusher

Heavy crusher series is suitable for crushing pipes, profiles, plates, thicker material heads, materials, packaging materials, containers, sheets, wires, cables, TV shells, refrigerator liners, car fuel tanks and bumpers.

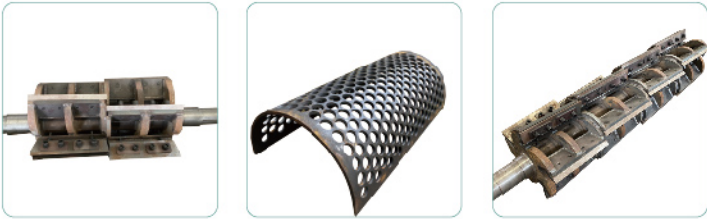


### Performance parameter

Mdoel		MF-500		MF-600		MF-800		MF-1000		MF-1200		MF-1500	
Motor power	mm	22		30		37/45		55/75		75/90		90/110	
Rotor diameter	Kw	420		420		560		500/560		630/700		700/800	
Rotor width	mm	530		630		830		1030		1230		1530	
Tool rest type	mm	Claw knife	V-knife	Claw knife	V-knife	Claw knife	V-knife	Claw knife	V-knife	Claw knife	V-knife	Claw knife	V-knife
Number of strokes	Kw	15		6		18		6		24		10	
Number of fixed knives	pcs	2		4		4		4		4		6	
Feeding port size	mm	530*500		630*600		830*650		1030*850		1230*850		1530*1000	
Chamber diameter	mm	530*420		630*420		630*560		1030*560		1230*630		1530*700	
Mesh size	mm	10		12		12		12		14		Customize to request	
Dimension	mm	1600*1200*2450		1700*1350*2550		1800*1500*2850		1900*1650*2900		2100*1850*3050		2300*2200*3250	
Weight	kg	1600		1850		2800		3500		4500		6500	

# Plate Crusher

By adjusting the blade gap and the size of the screen hole to meet the crushing of different materials, the whole sheet can be put into the second break, and equipped with an independent electric box control cabinet. It can also be configured with a crushing material transmission device, which is the first choice for crushing wall panels and buckle plates.



### Performance feature

- Box and tool holder are made of customized steel plate.
- The blades are die steel 9CrSi, according to the different requirements of customers, may be customized imported tools to improve the service life of the blades.
- Movable screen, mesh size can be customized.
- The inlet is equipped with a protective door curtain to protect the safety of the operator.

### Performance parameter

Mdoel		PC-600		PC-1200		PC-1500	
Crushing capacity	kg/h	800		1200		1500	
Tool specification		strokes*10 fixed knives*4		strokes*15 fixed knives*6		strokes*20 fixed knives*8	
Cutter material		9CrSi		9CrSi		9CrSi	
Motor power	kw	22		30		55	
Knife rotor speed	r/min	550		550		550	
Bearing		ZWZ		ZWZ		ZWZ	
Knife rotor diameter	mm	φ 400		φ 400		φ 400	
Mesh size	mm	16(choosable)		16(choosable)		16(choosable)	
Inlet diameter	mm	650x300		650x300		650x300	
Dimension	mm	1300*1770*1350		2000*2000*1550		2500*2200*1680	
Total weight	kg	1200		1600		2100	



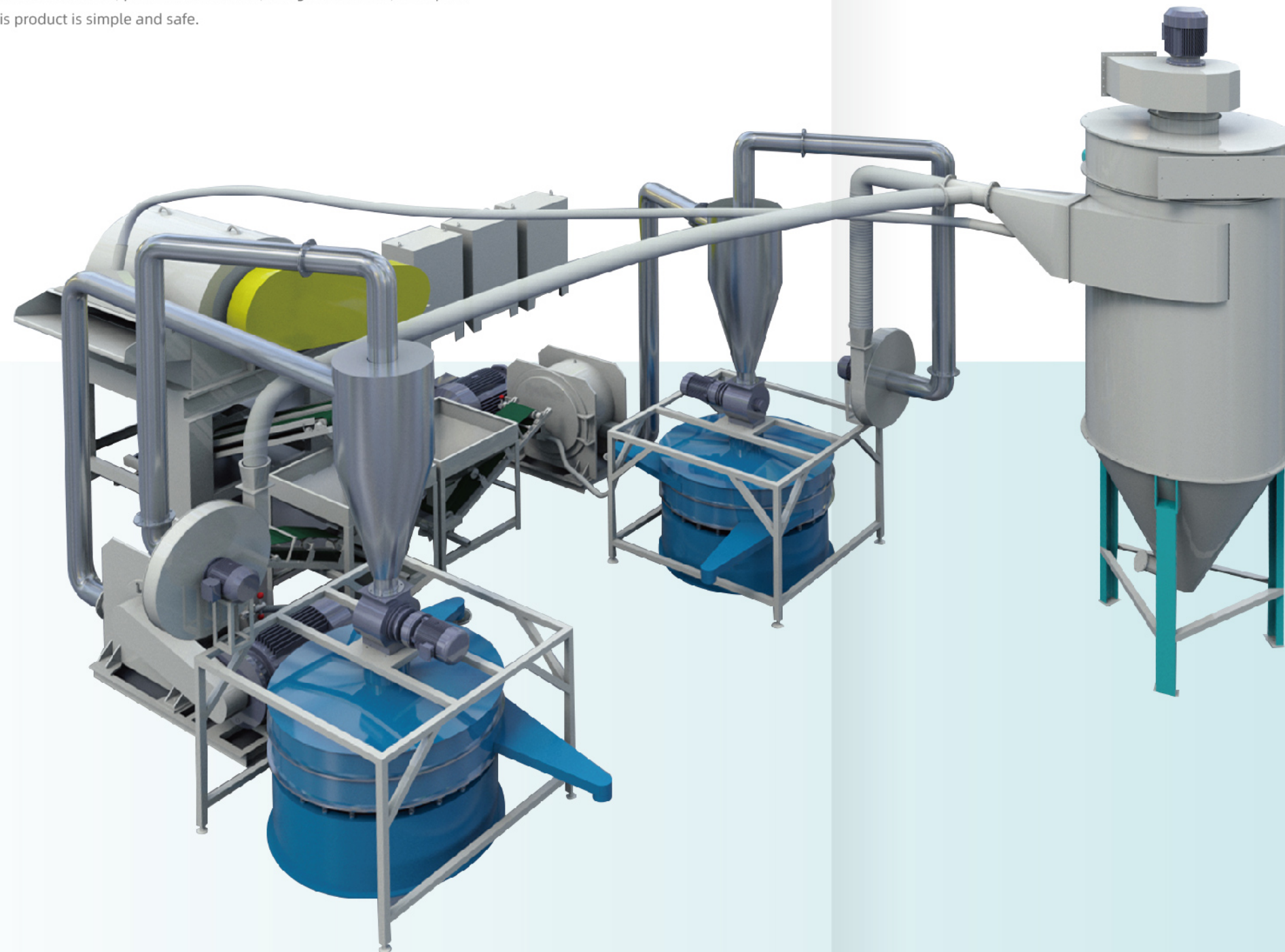
# Plastic Crushing And Grinding Production Line

Changzhou Maoyue Intelligent Equipment Co., Ltd.

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Maoyue plastic crushing mill production line is a complete set of crushing mill processing equipment designed by the company according to customer products, including crusher, screw conveying feeding machine, storage bin, frequency conversion conveying feeding machine grinding machine complete set of system, mainly for plastic sheet, sheet material and PVC pipe design, can be based on customer site, production demand, design model size, The operation of this product is simple and safe.



Automation



Improve Efficiency



Cost Saving



Integrated Intelligence





# Plastic Crushing And Grinding Production Line

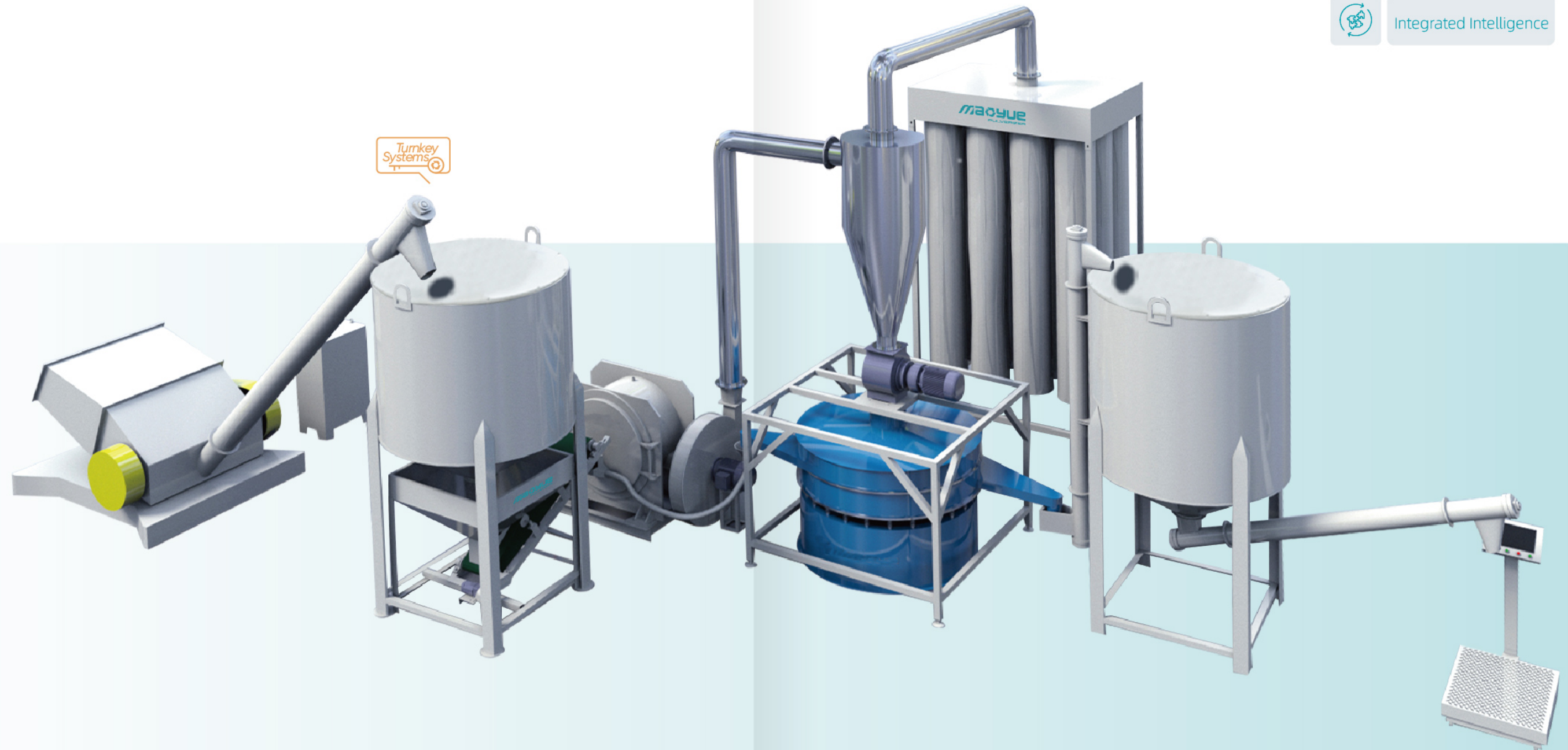
Changzhou Maoyue Intelligent Equipment Co., Ltd.

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Maoyue Machinery plastic crushing mill production line is a complete set of crushing mill processing equipment designed by the company according to customer products, including crusher, screw conveyor feeder, storage bin, U type pile, frequency conversion conveyor feeder mill complete set of systems.

-  Automation
-  Improve Efficiency
-  Cost Saving
-  Integrated Intelligence





# Single Shaft Shredder

The main shaft of the shredder is driven by the gear reducer, which has smooth operation, low noise and large torque.

The shredder has PLC program control system, which can automatically reverse operation and stop, realize the automatic operation of the equipment, and make the machine more safe and reliable.

Tool material: Cr12Mov (Japanese brand SKD-11, American brand D2); The rotary knife adopts the "V" type installation, so that the rotating blade can be transported smoothly throughout the working process, reducing energy consumption and noise. Each rotary blade has 4 cutting knives, which can be rotated 90 degrees to continue working after wear; Each fixed blade has 2 cutting knives, which can be rotated 180 degrees to continue working after wear. The blade on the rotor is removable for easy cleaning and maintenance.

Hydraulic feeding, independent drive system, strong structure, stable operation. Large pieces of plastic can be broken, easy to feed, large output. It can also break large plastic pipe packaging drums, forklift pallets, and can break different recycled materials (such as plastic, rubber, wood, etc.).



## Performance parameter

Model		600	800	1000	1200	1400	1500
Main motor power	Kw	22	37	45	55	75	90
Cylinder stroke	mm	500	950	950	950	950	950
Rotor diameter	mm	300	400	400	400	400	400
Speed of mainshaft	r/min	83.7	87.5	73.5	73.7	83.3	83.3
Number of rotating tools	PCS	26	44	56	68	84	88
Number of fixed tools	PCS	1	2	2	2	2	2
Hydraulic motor force	PCS	1.5	2.2	2.2	3	4	4