

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



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**maoyue®**  
PULVERIZER

YOUR BEST CHOICE.

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



**maoyue®**  
PULVERIZER

CHANGZHOU MAO YUE INTELLIGENT  
EQUIPMENT CO.,LTD.

Add : Jinfeng Industrial Park, Hengshan Bridge, Wujin District, Changzhou City, Jiangsu Province  
Tel: 86-0519-81580281  
E-mail: peter@maoyuemills.com

www.maoyuemills.com

**Excellent  
Pulverizer  
Expert**

CHANGZHOU MAO YUE  
INTELLIGENT EQUIPMENT CO., LTD.

# YOUR BEST CHOICE.

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Changzhou Mao Yue Intelligent Equipment Co., Ltd.

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

**MAO YUE**

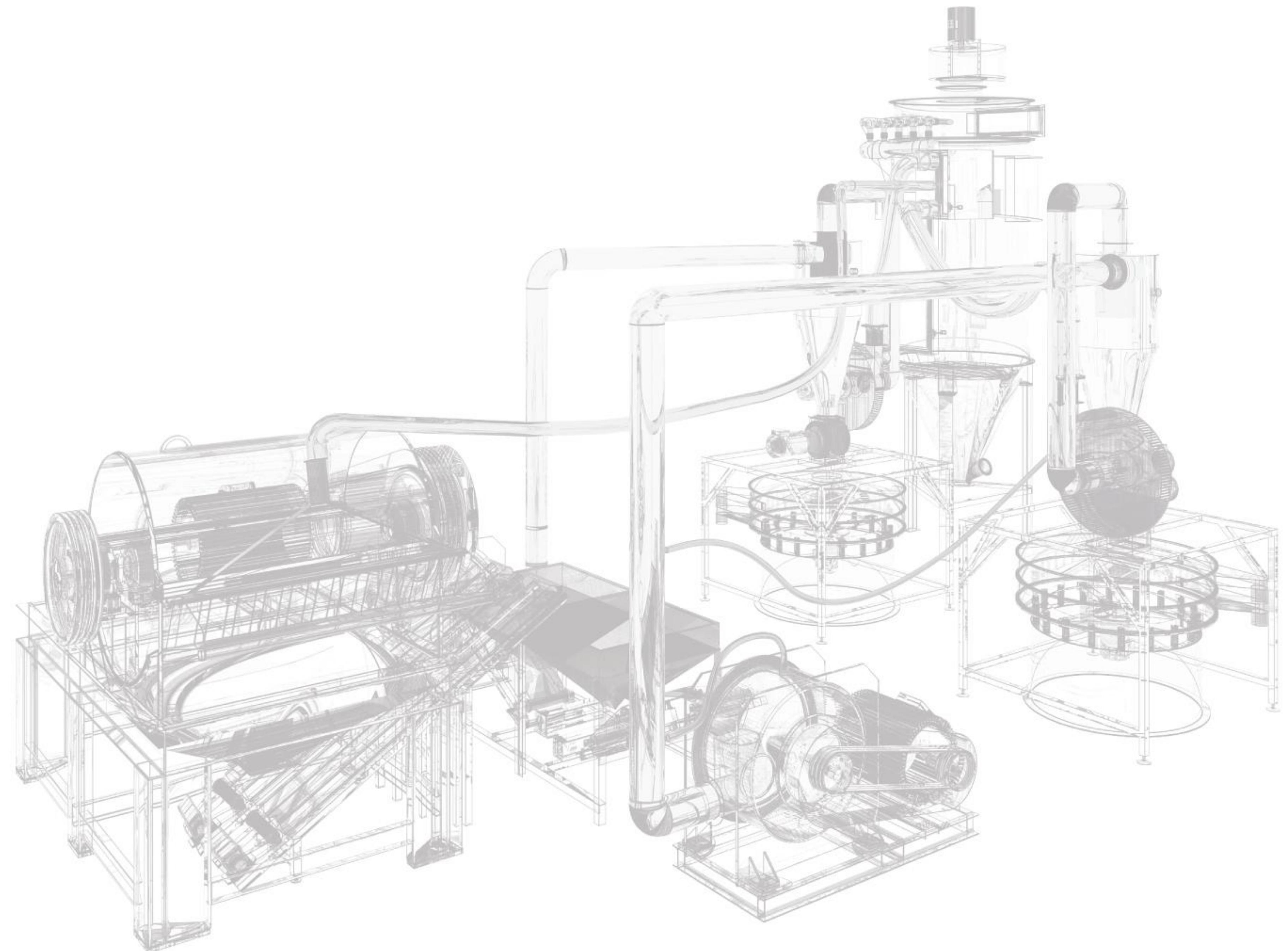
"Pulverizer-how"

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

MAO YUE 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 Pulverizer Expert

MAO YUE, 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, MAO YUE 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 MAO YUE "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, MAO YUE 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".

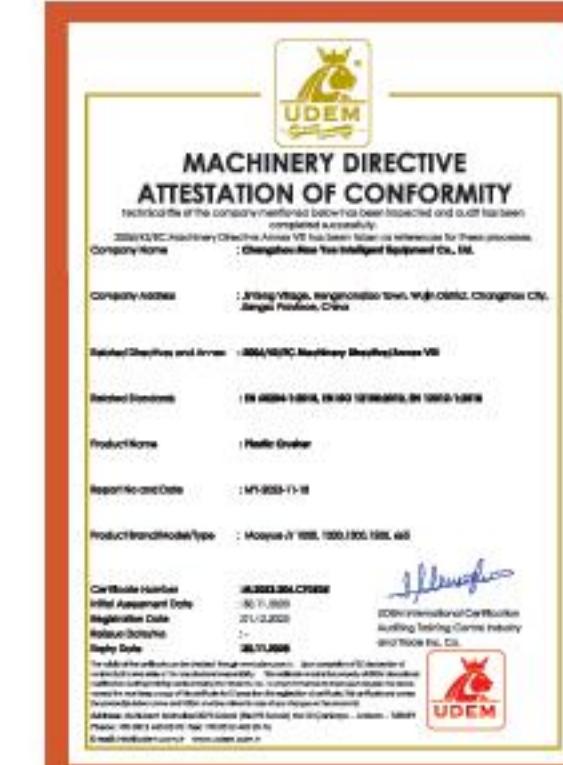


ZERMA Refining Recycling Equipment Consists of Three Main Series

Crusher

Pulverizer

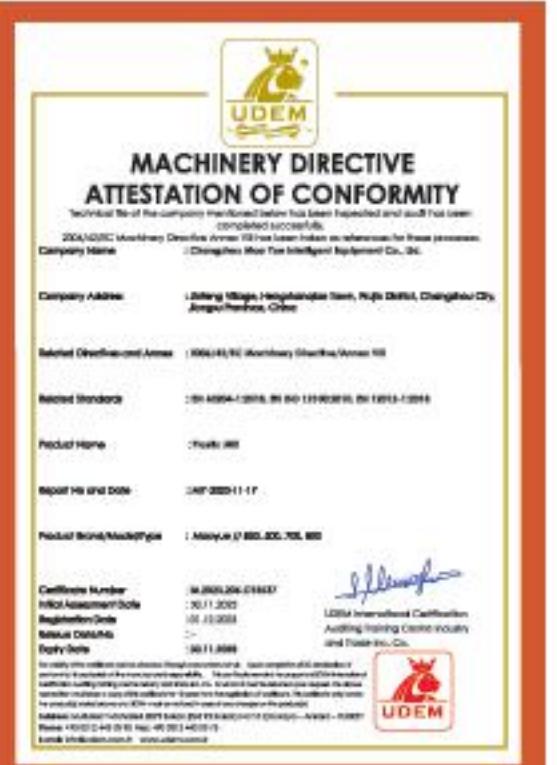
Shredder



UDEM Mechanical CE Certificate



UDEM Mechanical CE Certificate



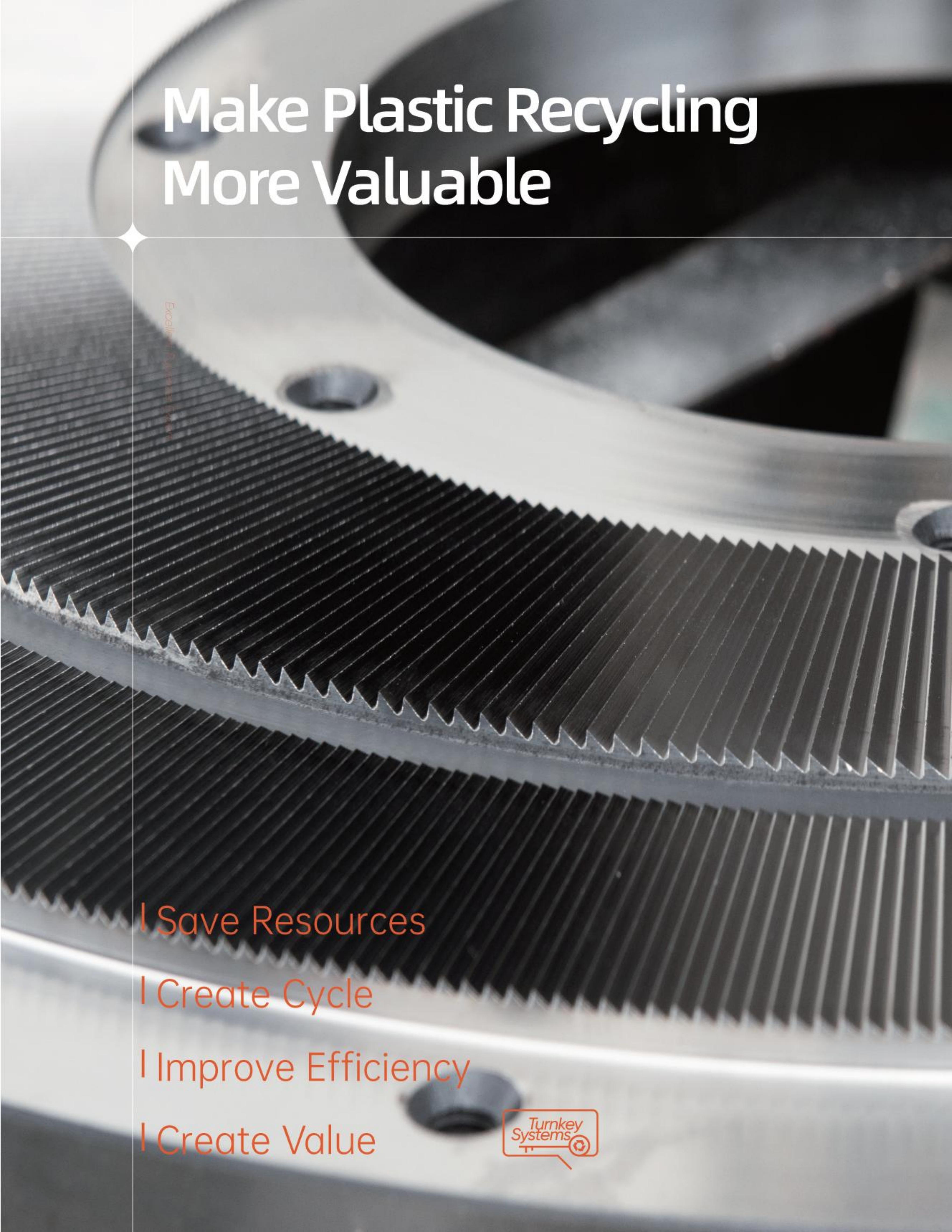
UDEM Mechanical CE Certificate

## Serve Numerous Fields

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

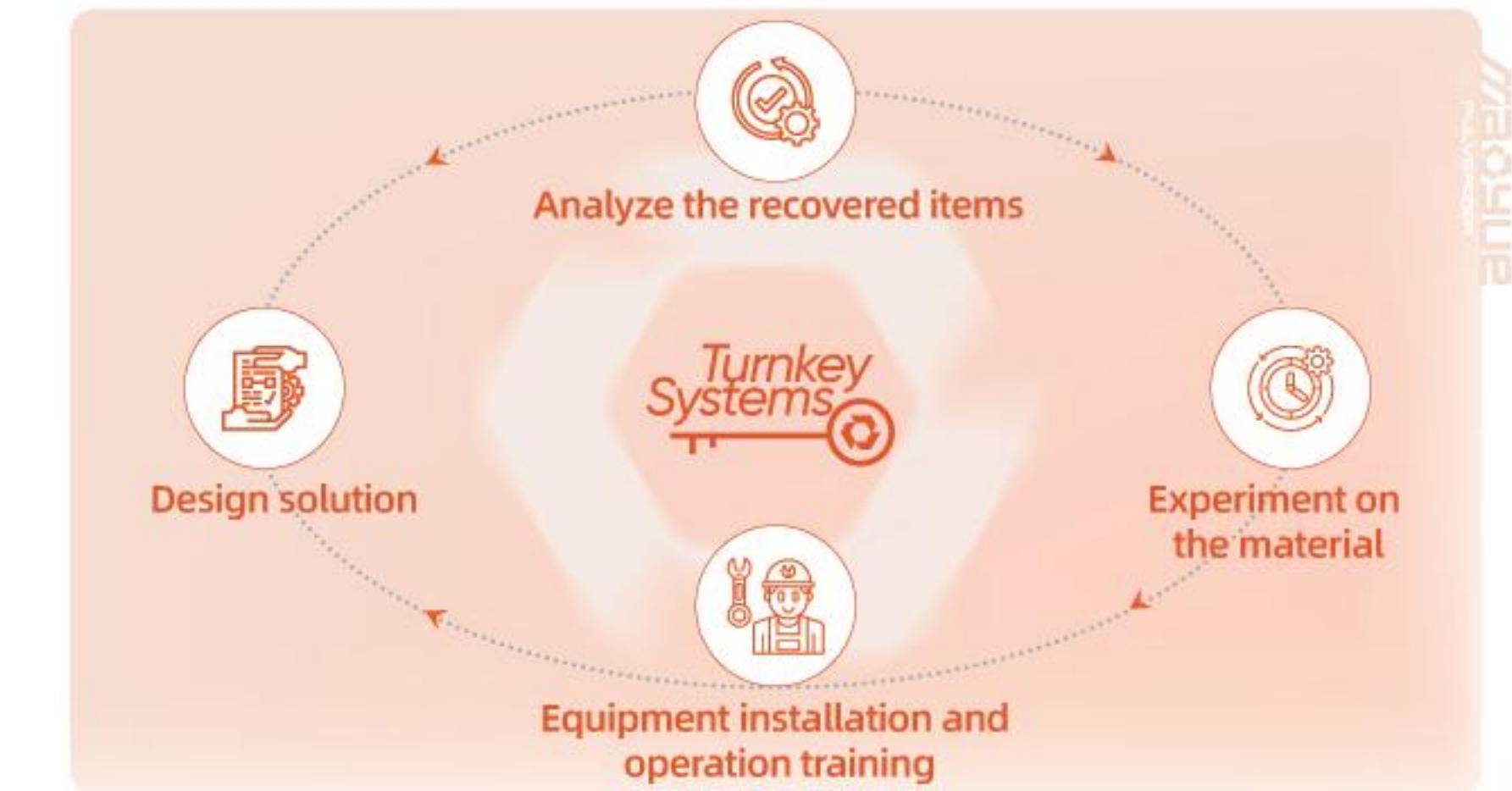
|           |                     |                        |
|-----------|---------------------|------------------------|
| PVC PIPE  | RESIN TILE          | HDPE                   |
| PE        | WALLBOARD           | PE ROLLING PLASTIC     |
| PVC FLOOR | WALLPAPER RECYCLING | THIN FILM           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

# Make Plastic Recycling More Valuable



## 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

Mao yue'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

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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.

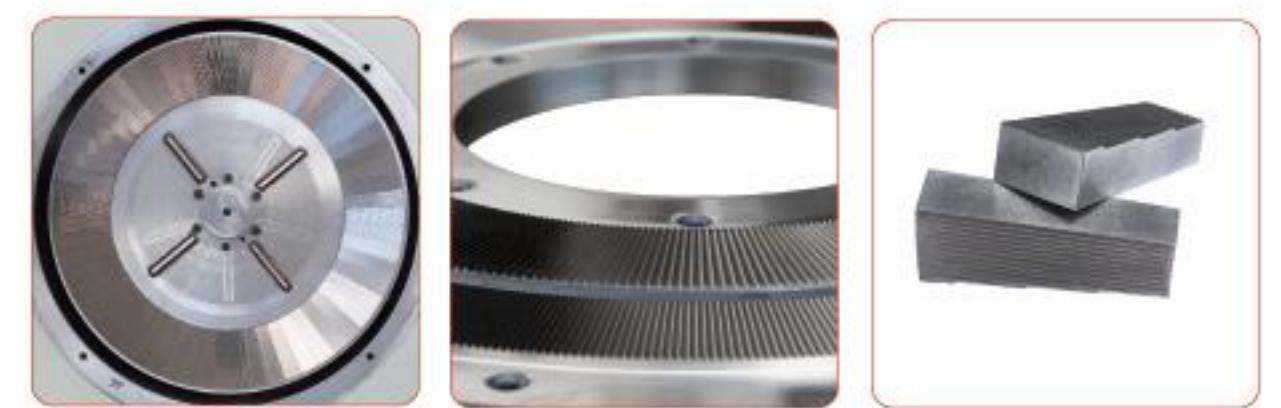
PE,PP,EVA plastic crusher is mainly composed of motor, disc blade, feed fan, vibrating screen, dust removal system and so on. According to the needs of customers, you can choose some accessories, such as converter, vacuum feeder, screw feeder, magnetic net, metal separator, chiller, pulse dust collector,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

Excellent Pulverizer Expert



## 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

| Model                               |      | MYMF-500       | MYMF-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



## 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

| Model                     |     | 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         | pcs | 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

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

# 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.

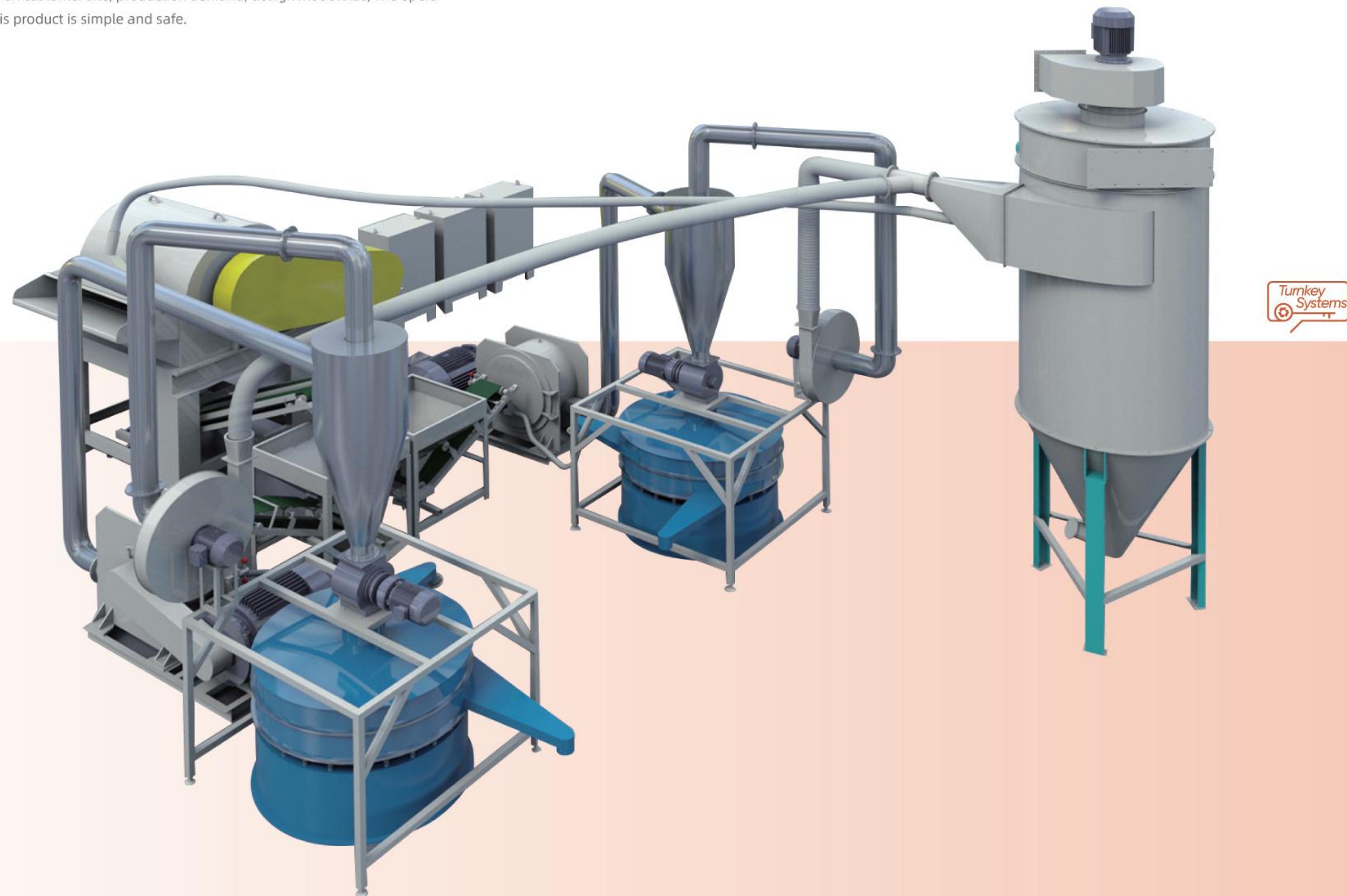


## Performance parameter

| Model                | PC-600                    | PC-1200                   | PC-1500                   |
|----------------------|---------------------------|---------------------------|---------------------------|
| Crushing capacity    | kg/h                      | 800                       | 1200                      |
| 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                        |
| Knife rotor speed    | r/min                     | 550                       | 550                       |
| Bearing              |                           | ZWZ                       | ZWZ                       |
| Knife rotor diameter | mm                        | ø 400                     | ø 400                     |
| Mesh size            | mm                        | 16(choosable)             | 16(choosable)             |
| Inlet diameter       | mm                        | 650x300                   | 650x300                   |
| Dimension            | mm                        | 1300*1770*1350            | 2000*2000*1550            |
| Total weight         | kg                        | 1200                      | 1600                      |

# Plastic Crushing And Grinding Production Line

Mao Yue 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

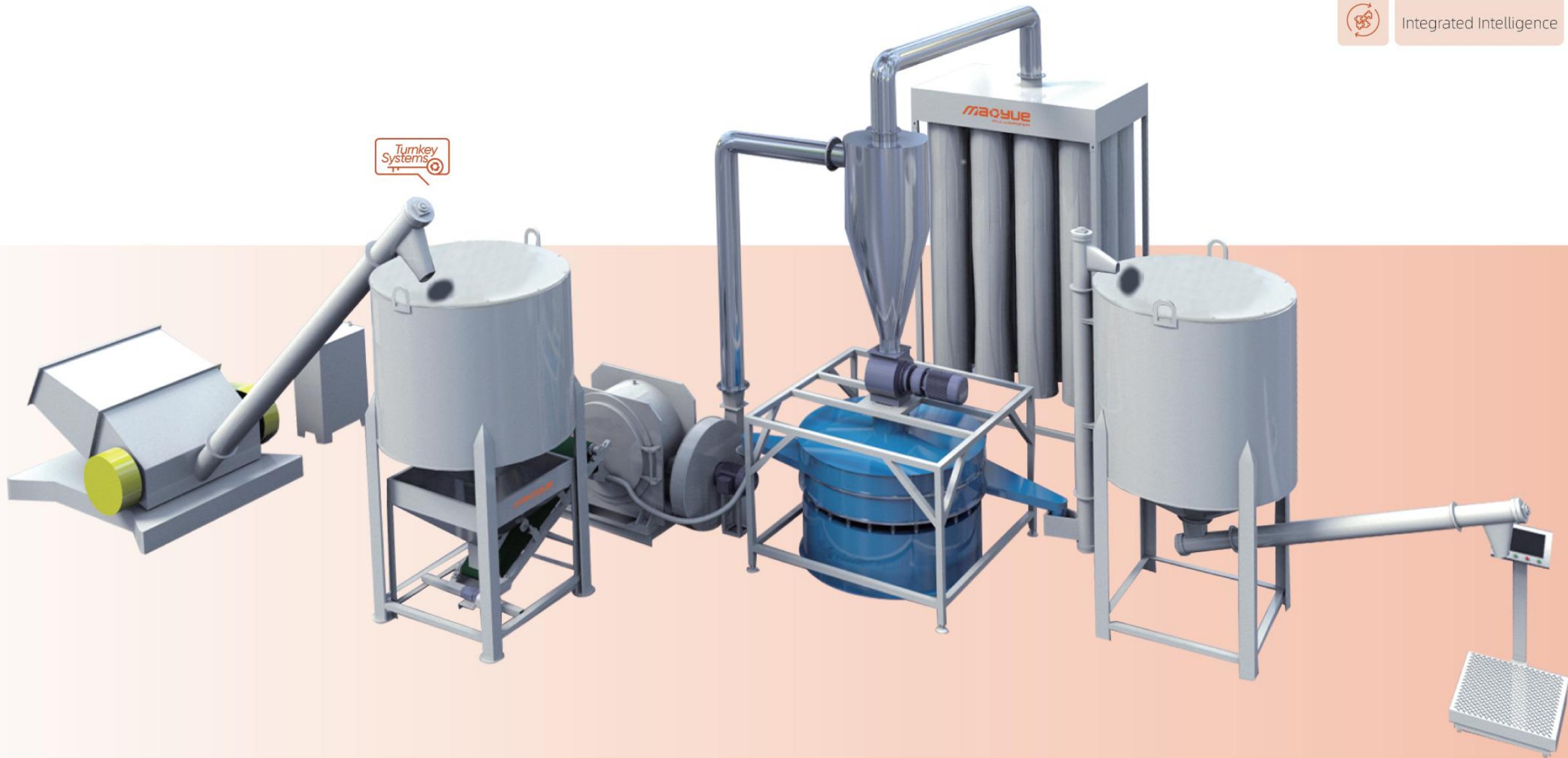
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Mao Yue Machinery plastic crushing mill production line is a complete set of crushing mill processing equipment designed by the company according to customer products, including crusher, screw conveyor feeder, storage bin, U type pile, frequency conversion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

# Slotted Ash Mill

## Performance Characteristics

The machine can be directly installed in the floor and wallboard slotted ash pulse precipitator discharge mouth, to achieve integrated recovery and utilization, with low energy consumption, large output, energy saving and environmental protection features



## Performance Paramete

| No.               |     | 500     | 600     |
|-------------------|-----|---------|---------|
| Motor Power       | kw  | 22      | 55      |
| Rotor diameter    | mm  | 360     | 360     |
| Internet          | mm  | 4       | 4       |
| Number of blades  | pcs | 36      | 60      |
| Size of feed port | mm  | 630*700 | 700*800 |
| Suction fan       | kw  | 4       | 7.5     |
| Fan power off     | kw  | 1.5     | 1.5     |
| Fan power off     | L   | 5       | 7       |
| Capacity          | kg  | 300~500 | 600~900 |