

# HSJZ-65/132 PVC WALL PANEL MAKING MACHINE



Cutter  
PLC Smart Panel

Two Caterpillar Haul-Off  
Width: 300/400mm  
Motor: 1.5/2.2kw, Inverter: 3/5kw

MOULD here  
Infared Auto-Tracking Unit

HSJZ-53/128 Conical Twin Screw Extruder[22kw]  
800-1000m<sup>2</sup>/day  
Width: 250-300mm

Panel Stacker  
Length: 3/4m, Pneumatic Control

Inline Film Laminating Machine  
Width: 300/400mm  
Double Position Film Roller  
Auto-Tension Controll

Vacuum Cooling Platform  
Vacuum Pump: 4kw  
Water Pump: 2.2kw  
3-Dimension Adjust

HSJZ-65/132 Conical Twin Screw Extruder[37kw]  
Standard Mould  
1000-1500m<sup>2</sup>/day  
Width: 250-400mm

The PVC Wall Panel Making Machine is with our latest design, it guarantees a more stable and reliable performance, comparing with most of market machines. We supply Standard design and Professional design choice, to meet different customer requirement. This machine can manufacture both PVC Wall/Ceiling Panels and PVC U/L Angle Lines.

Pro-Mould	✳ Mega-Mould
2000-300m <sup>2</sup> /day Width: 250-400mm	2000-300m <sup>2</sup> /day Width: 250-400mm
Cooling Platform Length: 4000mm Vacuum Pump: 5.5kw * 2/3sets, Water Pump: 2.2/3kw	

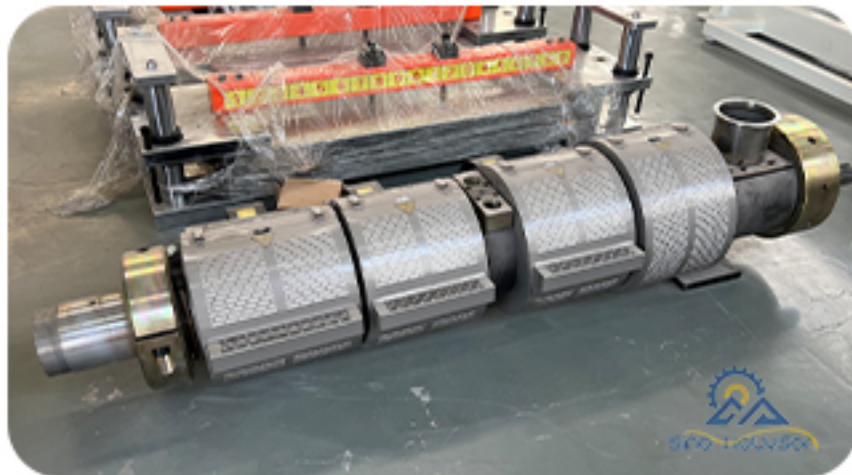
## HSJZ-53/128 Conical Twin Screw Extruder



### The Main Components of Extruder

- Automatic Screw Spiral Loader Machine(AC-3kw)
- Driving Motor: AC-22kw, regulated by Frequency Inverter
- 0.75kw PVC double screw feeder
- Demaji/Guangyou Screw & Barrel Set[260% calcium]
- Vacuum Pump 2.2kw for dehumilate and improve material performance
- One-Button Start-Stop Quick start/stop the Machine
- Power Consumption Meter to record your cost of per machine running, or per order use.

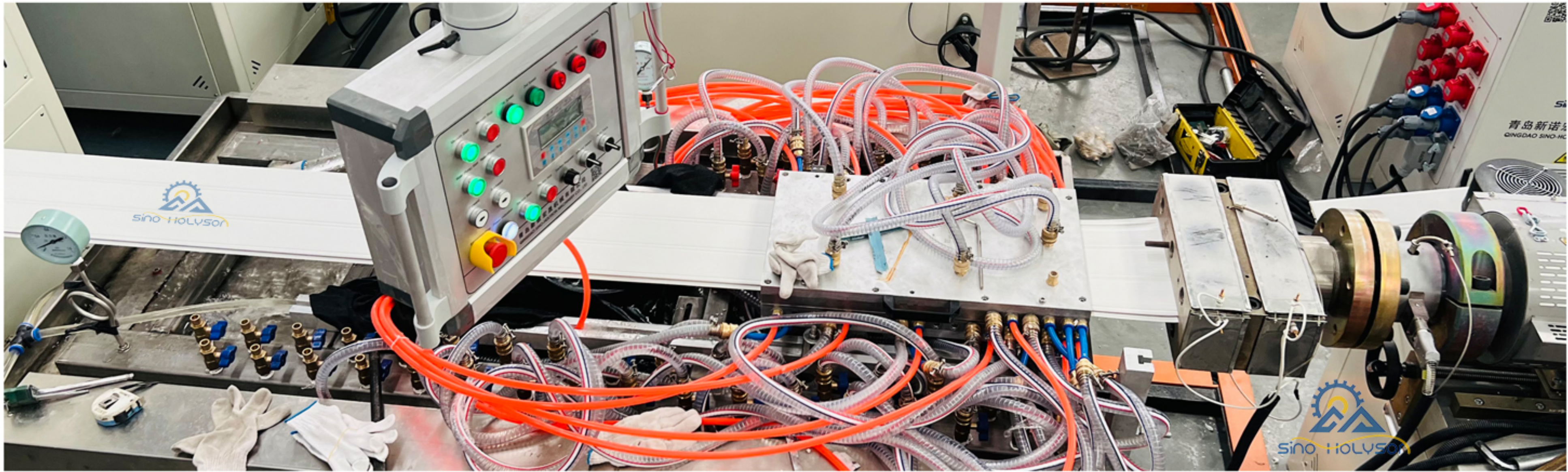
3-Lines workshop solution for indian customer.



Cast Aluminum Heating Band  
Insulation Cotton Layer saving 25% heating power cost.

Our extruder are all made from brand and solid parts, it guranatees the extruder very strong and heavy duty for a long service life span. The Screw and Barrel set uses optionimized structure, for taking 260-280% calcium. All electric components are from Siemens/ Schneider/ Omron/ Delta famous brand.





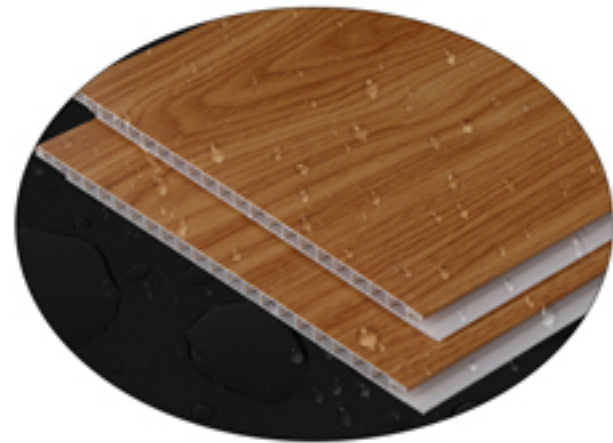
The Machine can make **BOTH Wall Panels AND Angle Lines**, simply by replacing the mould.  
 We also supply higher speed design mould design solution.

Wall Panel Mould

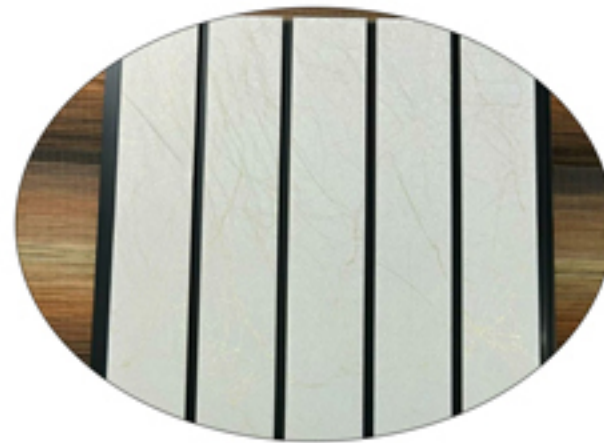
U/L Clips Mould



Hot-Stamping Ceiling



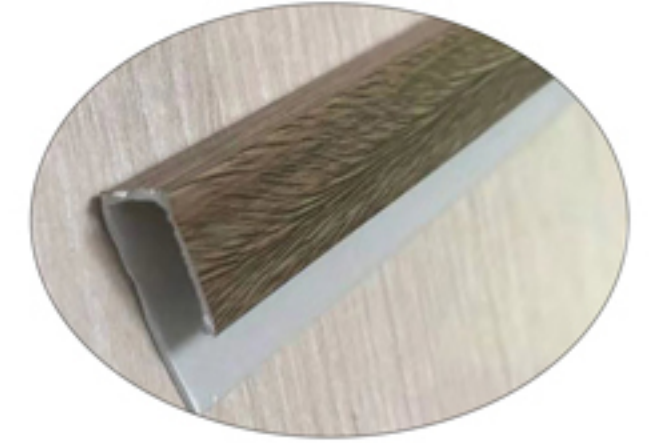
PVC Wall Panel



PVC Flute Panel



L-Shape Clips



U-Shape Clips

## PRO-DESIGN

### Vacuum Cooling Platform

Dimension: Length -2000mm × Width: 1450mm

Platform Surface Material: Stainless Steel 304, anti-rust oil processing

Vacuum Pump: 4kw (2BV-5111, water Ring, 0.8MPa)

Water Pump: 2.2kw

Embedded with S.S 304 Cooling Tank, volume: 100L

Electric Control Cabinet: Cantilever Electrical Cabinet(Aluminum Material)

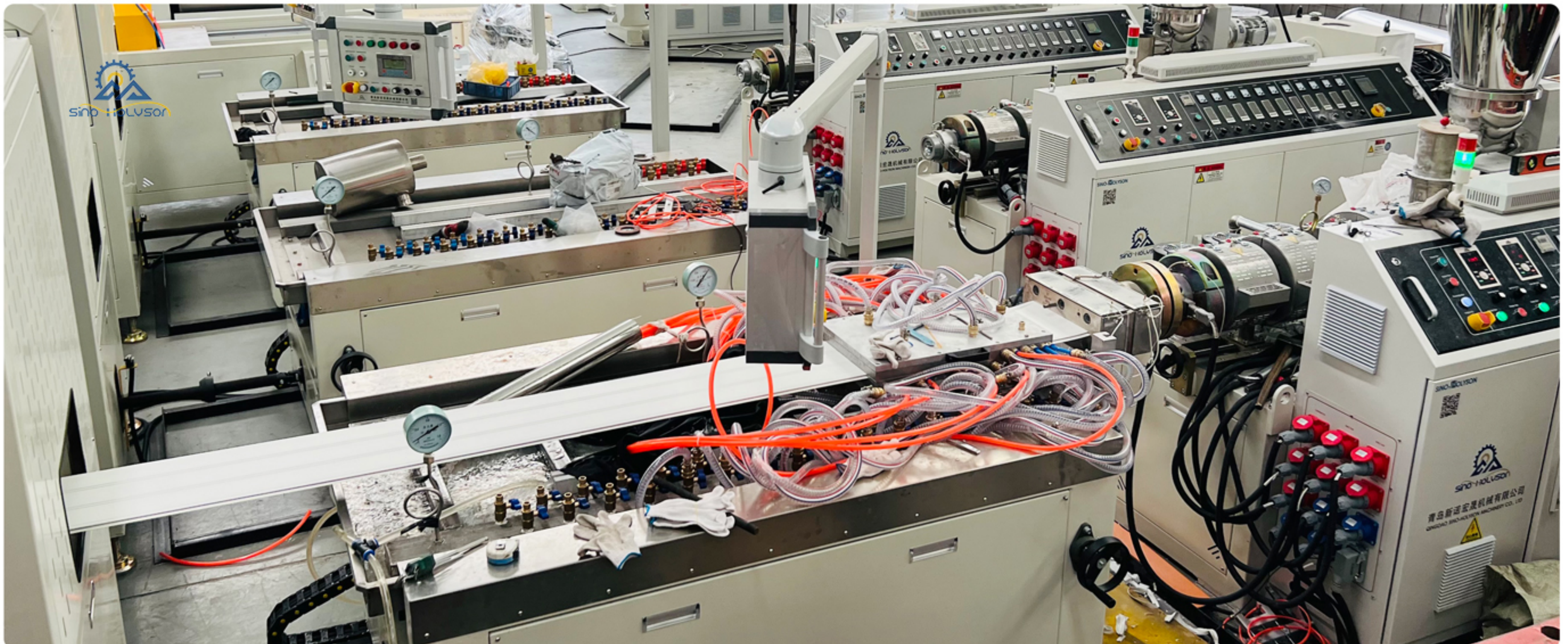
3-Dimension Adjustment:

Horizontal Adjustment: ±600-800mm, by electric automatically, 0.75kw AC motor

Right-Left Adjustment: ±50mm manually by handwheel.

Up-Down Adjustment: ±50mm manually by handwheel.

All the cables with protection metal cable case. Platform adjusting cable with hinge chain protection case.



## FLIP-OPEN Double Caterpillar Haul-Off Machine

- Nitrile Rubber Plate
- Dimension: Width: 300mm × L- 2200mm
- Driving Motor: AC-1.5kw ×2 sets
- Speed Regulate: 4kw by Frequency inverter
- Open-Close by pneumatic clamp

### Advantages:

- Gear-Transmission reducer which is more reliable than cycloidal reducer.
- Auto-Lighting system, bt Photosensitive LED light, light on when cover open, light off when cover close.
- Fully wrapped covers top and 4-side closed to against dust.Flip-Open design for worker's convenient operation.



## Online PVC Wall Panel Hot-Stamping and Laminating Machine

- Width: 300mm / 400mm(Two Model Available)
- Work Thickness: 2-80mm
- Glue Roller:
- DOUBLE Dewind Film Roller, with Auto - Tension Controlling Unit
- Infrared film rectification(correction) system, by 80w motor(Optional Choice)
- Film Lifter Crane(for width 400mm model)
- Dimension: Width 300 ×900 ×1550mm, Weight: 450kg

## Automatic Cutting Machine Panel Stacker

The movement of cutting platform is controlled by cylinder; ensure that the longitudinal speed is synchronized with the production line speed.

Horizontal cutting by circular blades; Lateral movement is by chain-belt transmission, it's speed can be adjusted for a reliable and smooth cutting.

Length measuring instrument is by PLC micro-computer, tolerance range  $\pm 1\text{mm}$ .

The tilting speed is synchronous with Haul-off machine and cutting machine speed, piles up the panels neatly.

### Automatic Cutter

Operation at 7" Smart Panel

Cutting Motor AC-1.5kw

Blade: Hard Metal 9GiSr / SKD-11

Infrared Dector for accurate cutting in between the patterns.

### Automatic Stacker

LengthL 4000mm

Fixed Length Cutting, at every 10ft.

Discharging Mode: Automatic Pneumatic

Auto-counting by Autonics meter, alarm every 100pcs.



## Two Color Printing Machine & UV Coating Machine Composite

This Printing Line is applicable to print single or double color panels, and coat UV varnish on panel surface, which makes it look like wooden or marble pattern, so that the surface is shiny/glossy, and anti-scratched.

### The Main Components

1. Dust Cleaning Whirlpool Machine
2. 2-Color Printing Machine
3. 3-Roller UV Coating Machine
4. IR Oven Leveling Machine - 4 groups
5. UV Drying Machine



Total Length: L- 31.5m

Operation Direction: From Left to Right.

Maximum Working Width: 600mm / Thickness: 2-50mm

Printing speed: 30m/min (two panels can be printed at same time, 600 Pcs/hr@ 250-300mm)

## Higher Speed PVC Mixer

The Mixer machine is used for mixing the PVC resin with Calcium, and also additives Heat Stabilizer, Stearic Acid, Wax, CPE, Titanium Dioxide, OB whitener, etc. To mix the formula material into uniform state for production use.

### Model Available:

300/600L for 2-3 lines

500/1000L for 4-5 lines

800/2000L for 9-10 lines



## SMF-500/600 Plastic Pulverizer

The pulverizer are used for milling hard plastic materials into powder ranging 40-100 mesh.

It composes of five parts: Automatic feeding, Grinding system, Wind conveying system, Cyclone separation, and Dust removal system.

Model: SMF-500 Design 37kw, PRO-45kw

Model: SMF-600 Design 55kw



Official Website



Youtube Channel



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