



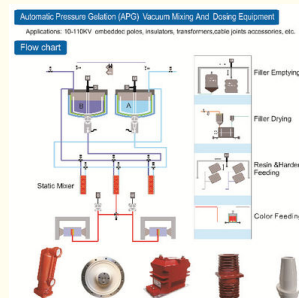
## Automatic Pressure Gelation Process AGP Vacuum Mixing And Dosing Equipment

Our Product Introduction

for more products please visit us on [jc-transformer.com](http://jc-transformer.com)

### Basic Information

- Place of Origin: China
- Brand Name: JC
- Certification: SGS CE, UL
- Model Number: YU9088
- Minimum Order Quantity: 1 pcs
- Packaging Details: Export standard packaging

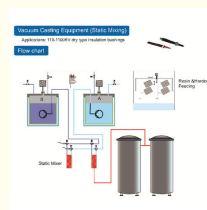


### Product Specification

- Clamp Force: 22t
- Transport Package: Wooden
- Production Capacity: 60000PCS/Year
- Clamp Plate Size: 1000X1000MM
- Min Max Clamp Plate Stroke: 250X1650mm
- Upper & lower Core Puller Stroke: 900X400mm
- Application: Mixing And Injection
- Injection Accuracy:  $\leq \pm 1\%$
- Injection Pressure: 0-0.4MPa
- Material: Stainless Steel
- Mixing Accuracy:  $\leq \pm 1\%$
- Mixing Capacity: 2-50L
- Mixing Speed: 0-3000rpm
- Mixing Tank: 50L



### More Images



### Product Description

Automatic Pressure Gelation (APG) Vacuum Mixing And Dosing Equipment

#### Application-Standard APG clamping machine:

This series belongs to Standard APG clamping machine, the min clamp plate size is 600X800mm, and the Max clamp plate size is: 1200X1000mm, can meet production requirement from 11-36KV, such as current transformer, voltage transformer, insulator, bushing, spout, SFG gas-insulated indoor switch disconnector. Etc.

The upper and lower core distance can be customized, foundation pit is necessary if lower core travel distance above 500mm.

#### Main Machine Technical Parameters:

Our Product Introduction

型号 Model No.	HAPG-860	HAPG-880	HAPG-1000	HAPG-1210
模板尺寸 clamp plate size	600X800mm	800X800mm	1000X1000mm	1200X1000mm
合模力 clamp force	18T	18T	21T	21T
最小最大合模距离 Min/Max clamp plate stroke	240X1250mm	240X1250mm	240X1450mm	240X1450mm
上下抽芯行程Upper&lower core puller stroke	760X350mm	760X350mm	760X450mm	760X450mm
加热功率 Heating power	12KW	16KW	24KW	24KW
液压站功率 hydraulic station power	5.5KW	5.5KW	5.5KW	5.5KW
倾斜角度 Horizontal tilting angle	0-5°	0-5°	0-5°	0-5°
装模重量 mould load weight	2T	2T	3T	3T
整机重量 Machine weight	4500KG	4800KG	5300KG	5700KG
整体尺寸 Machine dimension	3.1X1.3X2.5m	3.1X 1.3X2.5m	3.4X1.15X2.8m	3.4X1.15X2.8m

## Product Description

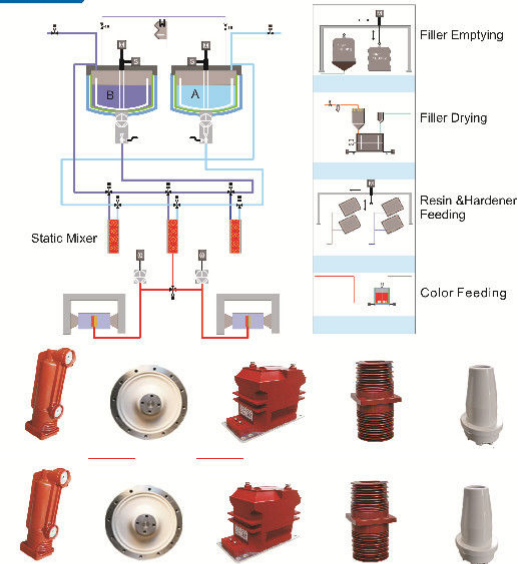
APG Machine = Automatic pressure gel equipment  
APG machine with Epoxy Resin for Electric Insulation of 38KV Outdoor Transformer CT and PT.

It has been nineteen years and has been developing into DMC after continuous development. S hydraulic press, epoxy resin pressure gel forming machine, full automatic Epoxy Static system and metal extrusion hydraulic press and other equipment, and can design and manufacture various kinds of special equipment according to the needs of high-voltage electrical appliances users.

### Automatic Pressure Gelation (APG) Vacuum Mixing And Dosing Equipment

Applications: 10-110KV embedded poles, insulators, transformers, cable joints accessories, etc.

### Flow chart



### Main design

Parts	Specification	Features
Raw material Filling	-Automatically filling by vacuum or feeder pumps, weight controlled by electronic balance or flow meter.	-Lasy and dust free operation; -Use big bag filler emptying device, and filler vacuum drying
Preparation mixers	-Mixer useful volume: 100-600liters -Temperature: -90℃ -Vacuum: 0.1mbar	-Batch mixer thin-film degassing; -On-line fast degassing and mixing; raw material continuous feeding, fast pre-mixing and also casting at the same time; -Mixer liquid level measuring.
Dosing pumps	-Ceramic piston type; -The casting speed 1-15kg/min; -Driven by servo motor, the mix ratio and the dosing speed can be set on screen. -Can use double sets of dosing pumps to increase the casting speed or for two casting tanks.	-High quality precision ceramic dosing piston, with long service life (3 years or 1.5 million strokes); -On-line dosing accuracy supervision, to guarantee the right mixed resin cast into moulds.
Way of mixing	-Flow static mixing -Mix ratio: 100:50-100	-Fast disassembly for maintenance; -Can be emptied fully to prevent blocking; -Can use more static mixers for several APG machines.
Injection	-Injection vessel: 1-60 liters; -Injection pressure: max. 10bar.	-APG moulds can be injected at the same time; -Driven by servo motor, automatically controlling the injection speed, amount, pressure.
Electric control	-All the process automatically controlling.	-Remote trouble shooting via internet. -PLC/MPS system management.



### Servo HAPG Clamping Machine

This machine is full automatic, Servo and Pic touch screen control Machine, the clamp plate size n customized, greatly improved efficiency and product quality

Advantages

1. Servo motor control
2. PLC touch screen control
3. Can save more than 100product datas
4. Fully automatic design

Auto start machine heating clamp plate Auto setting hydraulic pressure Auto setting heating temperature Auto setting valve flow



### APG FACTORY





#### APG Claming Machine Production Process:



#### APG MACHINE SAFETY SHIPPING



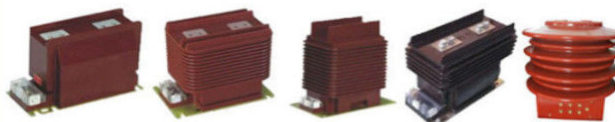
## Offer debugging and APG technique training overseas

Products made by APG Machine:

#### Products made by APG machine:

10~35KV Current Transformer

10-35KV电流互感器



10~35KV Potential Transformer

10-35KV电压互感器



Insulator Series

绝缘件



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