



APG Clamping Machine With Heating System for 24 or36 kV Lbs

Our Product Introduction

for more products please visit us on jc-transformer.com

Basic Information

- Place of Origin: China
- Brand Name: JC
- Certification: SGS CE,UL
- Model Number: 888
- Minimum Order Quantity: 1 pcs
- Price: consult
- Packaging Details: Wooden
- Delivery Time: 5 days
- Payment Terms: T/T, Western Union, MoneyGram, D/P
- Supply Ability: 100pcs/month



Product Specification

- Insulating Medium: Epoxy Resin
- Magnetic Circuit Structure: Combined Type
- Clamp Plate Size: 1000X1000mm
- Min Max Clamp Plate Strok:250X1650mm
- Heating Power: 36kw
- Specification: 900*900*900
- Origin: China
- Production Capacity: 60000PCS/Year
- Highlight: 24 kV APG Clamping Machine,
36 kV Lbs APG Clamping Machine,
Heating System APG Clamping Machine



More Images



Our Product

Product Description

APG machine

- 1.Clamping plate size: 1250*800mm
- 2.main clamping force: 400KN
- 3.Max opening stroke: 1200mm
- 4.top cylinder force: 30KN
- 5.bottom force: 30KN
- 6.Heating power: 24KW
- 8.With touch screen to control side

- injection
- 7.Gross weight: 8000KG
- 8.Machine tilting: 5° by hydraulic X axis

-
-
-
-

24 kV Lbs mould.

-
-
-
-

APG Clamping Machine process flow chrt

-

Epoxy resin vacuum preparation system Technical proposal

I. General provisions

1. specification puts forward the technical requirements of the design, structure, assembly, test and operation of the equipment.
2. the specifications set for this Technical Specification are minimum technical requirements, all technical details are not specified, and the provisions of the relevant standards and specifications are not fully quoted, The supplier shall ensure that the products and services provided comply with this Agreement and relevant national and industry standards, and are functional and perform well. At the same time, it must meet the requirements of national mandatory standards and norms on safety and environmental protection.
3. project is turnkey project, the supplier is responsible for equipment manufacturing, transportation, installation, commissioning, training and service.
4. the equipment provided by the supplier violates intellectual property rights, the tort liability shall be borne by the supplier and shall not harm the interests of the buyer.
5. After the contract comes into effect, the supplier shall provide the buyer with a production schedule that meets the contract delivery date requirements.
6. the layout plan of the equipment provided by the supplier, the basic condition diagram, the electrical diagram, the structure diagram of the main components, etc., the buyer shall confirm before putting into production. The supplier shall unconditionally change the problems that do not meet the requirements of this technical specification.
7. equipment specification shall include the working principle, structure, installation instructions, operation methods and precautions, common faults and handling methods, suppliers and model specifications of the whole equipment and all important systems.
8. supplier undertakes to provide applicable, mature and proven technology for pouring equipment.

II. Scope of application of equipment

The vacuum pouring equipment in this scheme is suitable for pouring epoxy resin coils of various epoxy resin electrical products: transformer, dry transformer, arc suppression coil, reactor, grounding transformer and so on (both adding filler and not adding filler resin system are applicable).

III. Simple description of equipment production

1. product types: various transformers, dry transformers, arc suppression coils, grounding transformers, core reactors and other electrical products.
2. suitable for daily continuous production.
3. Conditions of use of equipment
Equipment operating place: indoor.
Equipment heating mode: power electric heating.
Power supply: voltage :380 V,50Hz, power ≤ 55 kW.
compressed air: flow :3/ min, pressure 0.8 MPa.
Environmental conditions: Environmental temperature-15°C~+40°C, relative humidity ≤95.
4. electrical components selected Schneider brand.

IV. Main components of the equipment:

premixed resin mixture degassing system (300 L)--1 set
 premixed curing agent mixture degassing system (300 L)--1 set
 A resin curing agent degassing system (300 L)--1 set
 Material discharging pipeline--4sets.
 Mixing tank and material piping heating system ----2 sets each
 Compressed air systems --1set
 Electronic weighing systems and feeding systems--2sets.
 Bag unpacking groove 1set
 Packing drying tanks--1set
 Vacuum feeder-- 1set
 Control and Measurement System--1set
 Equipment steel operation platform --2 sets

. Technical parameters and description of equipment

- Mix tank size: 300L
 Vacuum system main pump pumping speed greater than 300 pa L/S(users)
 Mixing tank operating temperature 60~75°C(adjustable)
 This equipment adopts automatic dynamic mixer mixing material.
5. this equipment has computer program control and manual control mode. Automatic recording of material tank, mold temperature, vacuum, can be preset the amount of material is automatic control.
 7. each mixing tank adopts electric heating, heat conduction oil as heat transfer medium, automatic temperature control. The mixing tank is armored with thin steel plate and sprayed on the surface. Resin and curing agent are inhaled directly from the inlet of premixed tank.
 8. vacuum degassing tank adopts film degassing device and anchor stirring device.

. Technical conditions of the systems

300L resin mixture degassing system :1 set (respectively for resin + filler mixture)

Main technical parameters
 Internal effective volume: 300L
 Limit vacuum: <50 Pa(no load, normal temperature)
 Working vacuum: 50~200 Pa(Adjustable)
 No-load leakage rate: <100 Pa.LS
 Operating temperature: Room temperature ~100°C±2°C(automatic adjustable, automatic constant temperature,

overtemperature alarm)

Outer surface temperature of tank: +25°C environment temperature

Vacuum can be adjusted under controllable conditions, such as 50 Pa-200Pa

For mixing epoxy resin and vacuum degassing,

Structural Characteristics and Description

The tank is vertical structure and the inner wall of the tank is 304 stainless steel. Q235B material for mezzanine coat, filling and cover and large flange

Film degassing device, reducer drive (with frequency converter control).

Mixing: anchor type mixing device, material are stainless steel, frequency conversion reducer drive.

The lid of the tank is provided with feeding port, resin curing agent suction port, vacuum port, observation port and temperature measuring port.

With lighting observation window :1.

Tank heating: tank interlayer heat conduction oil, set up two independent heating center, easy to heat.

Temperature control :1 temperature sensor and temperature control instrument are used to control tank temperature, temperature control range 40~120°C±5°C.

Temperature display in the tank :1 temperature sensor and temperature display instrument are used to display tank temperature, temperature display range 0~200°C.



Wuxi Jiachen Power Electronics Equipment Co., Ltd.



tangliang@jc-cores.com



jc-transformer.com

No. 68, Zhounan Road, Wanshi Town, Yixing City, Jiangsu Province, China