

# Specification



---

**Manufacturer:****Hangzhou Taoxing Printing Machinery co., Ltd**

Address: Room 1103, Building 4, Joy Court, Joy City, Nanyuan Street, Hangzhou, Zhejiang, China.

Tel: 86-571-86927248

Fax: 86-571-56287631

Web: www.tx-uv.com

E-mail: sales@tx-uv.com

## Brief description

ZSCT-ZZ Duster is after-printing corollary equipment which substitutes traditional handwork. This machine is convenient to apply, high effective, flexible, and free of contamination, which both increase productivity and raw material utilization, as well as producing beautiful pictures.

In this machine, parts for key position such as powder sucking, transducer are imported with the advantages of durable and stable. Especially, this machine works well with those have high requirement of paper, film, glitter, and hot melting powder. All the drives in this machine are infinite speed variation. If required, it can also connect with drying equipment and UV photo-cure equipment.

This kind of machine has already applied for patent, patent number: 200620100700.9, 200620100703.2, 200620100702.8, 200720183764.4, 200720183761.0, and 200710156008.7

## Operation Manual

This machine is equipped with separated switches for both power sucking upward and downward, as well as switches for delivering, dusting, powder feeding, and electrostatic neutralizer.

### Start-up procedure

1. Switch on main power on the left case (See picture II-2).
2. Open the dust jacket, and then turn on the power switch (See picture II-5).
3. Switch on upward power sucking motor (See pictureII-9), and justify the frequency of transducer to 38-42HZ .
4. Switch on downward power sucking motor (See pictureII-11), and justify the frequency of transducer to 55-65HZ.
5. Switch on the delivering motor (See pictureII-7), and adjust speed to meet the requirements of products

delivering. Justify the frequency of transducer to 20-65HZ.


6. Switch on the powder feeding motor (See pictureII-17), and adjust switch to 60-80.
7. Pour hot melting powder into the dust bag, and then switch on dusting motor (See pictureII-18). First, adjusting the speed of dusting (the faster, the more powder). Or adjusting the two nuts under the dusting funnel (See picture I-4) to justify the amount of powder, so that to meet the product's requirement for powder thickness and balance.
8. Powder collector on the left case (See picture II-1) has the function of promoting powder-cycling. Usually, it is switched range from 60 to 70.

## Important Notice

1. Adjusting the space between powder sucking upward and downward to 2-3mm. If there is still gear wheel on the sample while operating (usually, it has been already adjusted before rollout), you can fine-tune the height for power sucking upward (See picture I-21, 22) to meet product's requirement.
2. If there is powder residue on the product, it is better to fine increase the speed of power sucking upward motor. However, a hyper air flow can also cause paper jamming.
3. The required voltage for this machine is 380V (four wire and three phase), and null line must be connected. At the same time, there must be good GND. Usually, the fluctuation for voltage should not over 10%.

## Process for power off

1. switch off the regulator of dust bag (see picture II-18)  
↓
2. shut down the switch of power sucking upward (see picture II-9)  
↓
3. shut down the switch of power sucking downward (see picture II-11)  
↓
4. shut down the switch of delivering (see picture II-7)  
↓
5. switch of the regulator of powder delivering (see picture II-17)

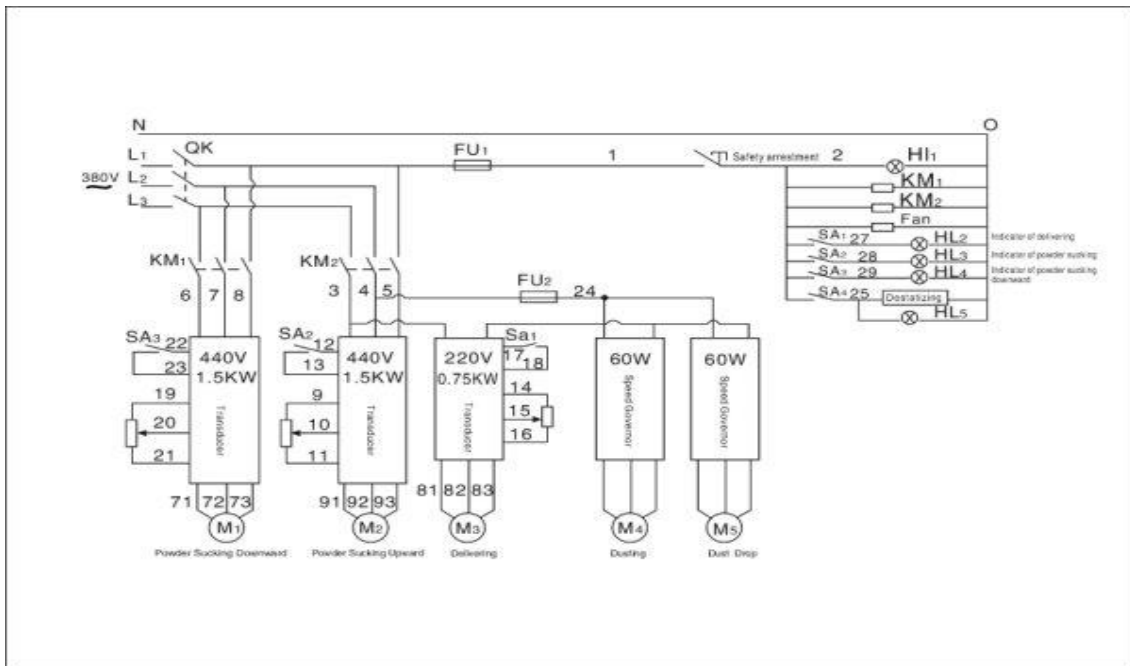
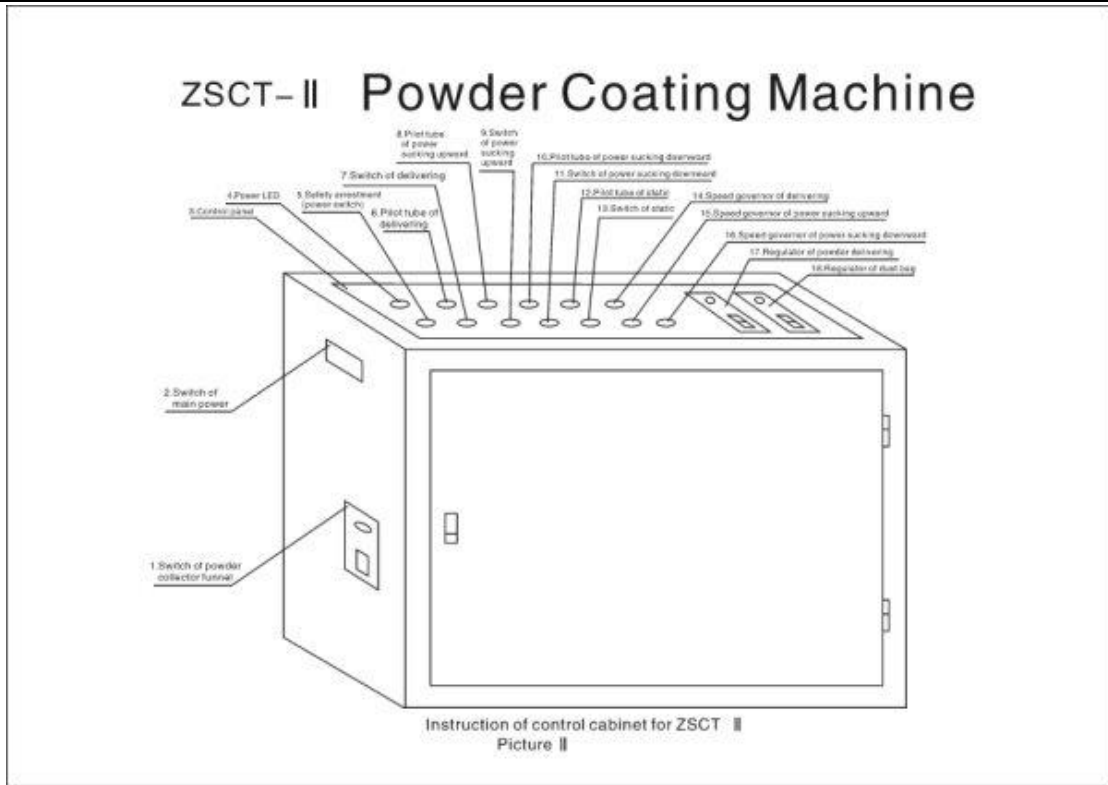
- 
6. shut down the switch of main power (see picture II-2)
  7. Clean the control panel and cover it with dust jacket

## Machine attendance

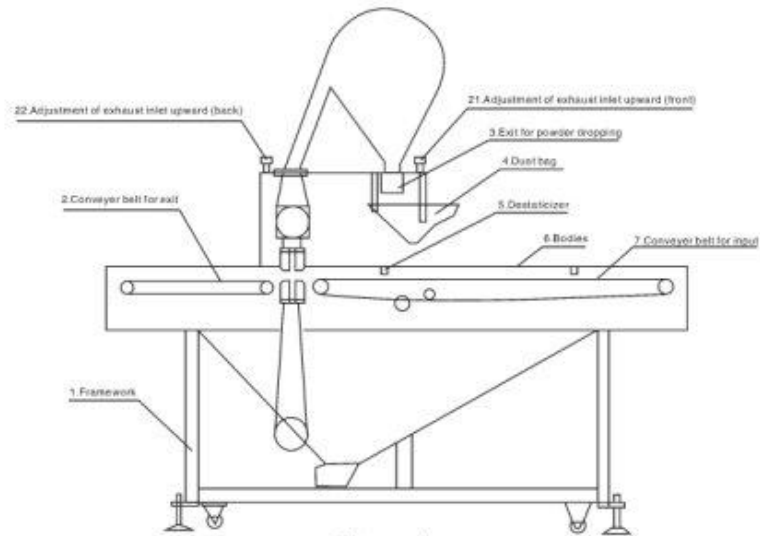
1. After operating for a period, open the baffle, and fill those active parts with 20# engine oil. If the chain is slack, use the elastic gear to adjust.
2. While replacing raw material such as glitter and hot melting powder, use compressed air to clean all these parts to avoid powder mixed.
3. According to the thickness of powder, it is necessary to clean the bag to avoid blocking up the air hole.

## Fault Resolution

1. Please replace speed governor while it doesn't work.
2. Please follow the third instruction in Machine attendance if the powder is not suck up completely as before. Or you can also increase destaticizer to deal with this problem.
3. Please check the powder whether they are clean and dry if dusting in difficulty. If the powder is wet, please insulating them under the sun.

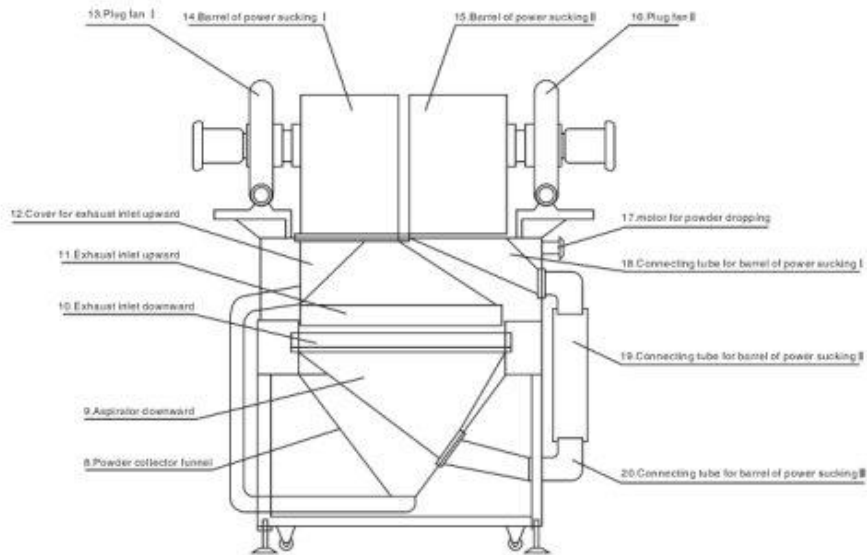


## ZSCT-II Powder Coating Machine



Picture I

## ZSCT-II Powder Coating Machine



Picture I