Southern Machinery Sales and Service Co., Limited

Machine maintenance and maintenance requirements

1 User Notes

To prevent this equipment from becoming inoperable, operating incorrectly, or affecting the performance of the equipment or causing damage to the equipment, please observe the following：

* The machine should work in a clean, temperature and humidity environment.
* Do not store the machine in the open air, high temperature, and humid environment.
* There should be no interference from strong electricity and magnetic sources near the machine.
* The machine should be placed horizontally.
* Operators must pass the pre-job training.
* Repair and maintenance technicians should be very familiar with this equipment!
* Do not open the industrial computer at will, and strictly prohibit random unplugging and random insertion, and do not arbitrarily modify relevant documents.
* Ensure that the cooling fan operates normally at all times.
* There is a complete maintenance plan.
* The PCB to be processed must meet the relevant industry standards, that is, the PCB is a qualified and standardized product.
* Do not let the machine work with "sickness".
* If the replacement parts are high-quality products, try to use the parts provided by the equipment manufacturer.

2 Maintenance and maintenance (periodic inspection)

2.1 Maintenance

Tip: A good equipment can be properly maintained and maintained in order to better exert its function and prolong its life. In order for the machine to serve you better, please follow these maintenance guidelines:

*Create a "comfortable" environment for the machine.

* Regularly check whether the fastening screws of each transmission mechanism

are loose. Appropriately add a little high-grade lubricating oil (grease), it is recommended not to add a lot of butter.

* Regularly and irregularly clean the dust and dirt on the inlet and outlet of each cooling fan, server, industrial computer, and switching power supply.

* Clean the air source filter at least once every three months.

* The cylinder and its solenoid valve should be maintained once every four months.

* The oil in the lubricator is too low and needs to be filled.

2.2 Regular inspection

In order for you to use the machine better, we should do the following three checks:

2.2.1 Daily inspection

Routine protective maintenance should be carried out after eight operating hours. At the end of the day's work, turn off the power of the computer and the machine, vacuum the dust on the machine table and wipe the dust on the surface of the equipment with a white cloth. If the environment is poor, maintenance operations should be performed more frequently.

Note: Do not use organic solvents to scrub the surface of the machine, as it may damage the paint on the surface of the equipment.

Warning: Do not use compressed air to blow debris out of the unit, otherwise the debris will be blown into each ball bearing, insertion head or circuit box, affecting the normal operation of the machine.

2.2.2 Weekly inspection

The weekly protective maintenance should be carried out after every 40 operating hours. If the environment is poor, the cycle should be shortened by the pneumatic lubricating device.

Note: The grease and oil used must be of good quality. Otherwise, the surface friction of the lead screw or guide rail will be increased, thereby shortening the service life of the lead screw and guide rail, affecting the accurate positioning of the machine, etc.

WARNING: DO NOT USE PHOSPHATE AND CHLORINED HYDROCARBON SYNTHESIZERS IN LUBRICATION UNIT OR PLANT AIRLINES

- Check the settings in the lubricating device and add 100CKR oil if necessary.

-- Wipe the ball screw with a lint-free cloth.
-- Lightly lubricate the ball screw feeder.
-- Lubricate both ends of the connecting rod.
--- Check the consistency of the cartridge head and the limit switch of the part。

2.2. 3monthly inspection

The weekly protective maintenance should be carried out after every 200 operating hours. If the environment is poor, the cycle should be shortened by the pneumatic lubricating device.
Check the flow of pneumatic lubricating oil through the observation hole. The flow rate should be 3 to 5 drops in five minutes. The groove screw on the top of the lubricating device can be rotated to the back of the funnel to adjust the flow rate. It should be adjusted to 1/4 to 1 at the beginning. /2 open, adjusting the screw clockwise and counterclockwise will increase/decrease the oil flow rate.
-- Clean the slide bracket guides.
-- Add 20mR grease to the bottom of the guide rail.
11 Add 20mR grease to the drive shaft of the sliding device, the cam sliding device, the brake actuator and the positioning sliding device, (electric rotary table)
-- Apply 300SL36 grease (table) on the linear guide with an oiler.
-- Add 300SL36 grease to the cam track (table).