



SteviS Tech. Co., Ltd.

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Daily maintenance manual

1. Before starting up every day, open the drain valve of the air reservoir at the bottom of the air compressor for drainage, and close the valve after the waste water is drained. Carefully check the pressure of cutting gas and auxiliary gas, and check whether the air source is dry without oil and water. If the gas pressure is insufficient, check whether the pipeline leaks. If the air source has oil and water, check whether the air dryer works normally.
2. Check whether the indicator light of the machine tool and the emergency stop button of the machine tool are normal.
3. Check whether the limit switches of X axis, Y axis and Z axis and the mounting screws of anti-collision block are loose, and whether the limit switches of each axis are sensitive.
4. Check the circulating water level in the water tank of the chiller. If it is insufficient, it must be added in time. At the same time, check whether there is water leakage at the water cooler, laser and laser head connectors.
5. Shut down the machine according to the correct shutdown steps before



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going off duty every day. Turn off the control system first, and then turn off the main power supply of the machine tool.

6. Before going off duty every day, clean the scrap iron chips under the chuck and feeding roller, keep the machine clean, and do a good job in cleaning the equipment, so as to ensure that all parts of the equipment are clean and free of dirt, and no sundries can be placed in any part of the equipment.

7. Fill the machine tool guide rail, rack, screw rod and other transmission parts with special lubricating oil every half month.

8. Add grease to the rotary chuck every half month, add grease to the rotating part of the material rack every month on the fully automatic material rack, and add special oil for oil mist to the air source atomizer of the chuck

9. Replace the cooling water of the chiller every three months, and regularly clean the dust on the surface of the chiller. In winter, the temperature is low. In order to prevent the cooling water from freezing, it is necessary to add an appropriate proportion of antifreeze.

10. The air compressor shall be maintained regularly, the dust on the filter



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screen shall be cleaned, and the filter element shall be replaced. Ensure that the cutting gas is free of water, oil and impurities.