

# HOW TO MAINTAIN THE LASER CUTTING MACHINE IN WINTER

Posted on 2023-07-24 by redsail



Category: [Laser Cutter News](#)



The cold winter is coming soon, and the temperature in most areas will drop below zero. Such temperature is a huge challenge for [laser cutting machines](#). If the temperature is too low to cause damage to laser cutting machine equipment, the consequences will be very serious. So how to maintain and protect the laser cutting machine in winter?

The low temperature poses a great threat to the water cooling system of the laser cutting machine. Once frozen, it will cause irreparable damage. Datu Laser helps you take precautions before the severe winter:

1. When the temperature drops below zero, heating equipment such as air conditioners can be installed in the workshop where the laser cutting machine works to ensure that the working environment is above zero;
2. Keep the laser cutting machine equipment turned on for 24 hours, and the chiller is also powered on at night. Ensure that the water in the pipeline is always flowing, and the flowing water is not easy to freeze;
3. The temperature in the northern region is too low, and the heating effect of installing air conditioners in the factory building may not be obvious. Special reminder: be sure to add antifreeze in proportion;
4. Don't forget to change the cooling water frequently in winter. If the cooling water is too dirty, it will cause serious damage to the motor. It is very important to ensure the cleanness of the cooling water and the normal operation of the water pump;
5. It must be ensured that the indoor temperature reaches the minimum temperature for refueling, especially in the northern region, otherwise the machine may still not work after adding oil.