

CNC MASTERS

Coolant Kit

Assembly Instructions

See the picture on the back.

1. Mount pump to bottom of bucket. You can also place this coolant bucket inside the machine stand as well and route the hoses and cable through the holes on the back side of the stand.
2. Extend pump hose out of bucket through the open slot on bucket lid. Take the other end of the pump hose and insert it the barbed fitting flex nozzle on the side of the machine head.
3. Attach large drain hose to Chip Pan Machine Stand Drain and the other end of hose with two tie wraps to lid; end of hose should drain into strainer. If there is no chip pan drain, hose should then be connected from the X tableside barbed nozzle with the other end of the hose secured to the lid to drain into the strainer.
4. Use two tie wraps to secure large drain hose in place.
5. Drop in strainer in place.
6. Fill the bucket with coolant to bottom of the strainer.
7. Extend the electrical cord out of the same open slot. Plug into outlet on Control Unit. The outlet can be found next to the computer connection cable. ONLY plug in pump while control unit is OFF. Do NOT remove pump plug from the control unit while it is ON. This may damage the coolant relay in the control unit and will void out your warranty.
8. A barbed fitting will extend from each side of the X table of the machine. Depending on the mill, the hose will either drain into chip pan if you have a table mill. You can also use the hose clips to clip the end of these two hoses to the chip pan of the stand.
9. Attach the remaining larger drain hose to nozzle at the bottom of chip pan to drain into the strainer.
10. If you need to lower down the flood coolant even more than the what can be done at the flex nozzle, it is possible to add an additional ball valve which can be picked up at your local plumbing supply.
11. Use a general light-duty oil concentrate water mixture machine coolant. If you need a reference of where to pick up this type of machine coolant, send an email to us at sales@cncmasters.com.

WARNING:

Do NOT remove pump plug from the control unit while it is ON. This may damage the coolant relay in the control unit and will void the warranty.

Do NOT run the pump dry or partially submersed. This will damage the pump motor and void the warranty.

POWER OFF CONTROL UNIT AND UNPLUG PUMP FROM CONTROL UNIT BEFORE SERVICING OR CHANGING OUT COOLANT. ELECTRICAL SHOCK MAY BE RESULT IF CAUTION IS NOT TAKEN INTO ACCOUNT.

