

OPERATING INSTRUCTIONS WATER BATH

UNCRATE & INSPECT

This machine has been carefully crated to assure safe arrival to your plant. It is important that you immediately inspect the equipment upon arrival at your plant and report any possible damage incurred in transit to the trucker.

It is suggested that you uncrate the equipment as soon as possible so that any concealed damage may be discovered.

Compare the packing list with items received and in turn cross check the items with your purchase order and report any discrepancies immediately to RDN MFG. CO., INC. at the address or phone number listed above.

DESCRIPTION

Water tanks provide a means of cooling the extrudate after it exits the die.

The Water tank is 12 gauge stainless steel and is equipped with a temperature gauge and water level control. A handwheel with rack and pinion gearing system allows movement of the tank with respect to the support frame in the extrusion direction. A handwheel and worm gear arrangement at each end of the tank provides vertical height adjustment. An overflow collector is mounted on each end of the tank, or below the entire length of the tank.

INSTALLATION

The Water Bath is equipped with "V" groove casters and can be mounted on the floor or on inverted "V" track. The floor or tracks should be level to provide good support, and the machine should be centered to the extruder output centerline, and aligned parallel to the extrusion direction. Move the Water Bath to the position, which will provide the proper distance between the upstream end of the tank and the extruder die. Adjust the jack screws to level the frame and remove the weight from the casters.

Plumbing and electrical connections should be made as follows:

1. Connect the cooling water supply to the WATER INLET. Turn all manual supply valves for the compartments off.
2. Connect the MAIN DRAIN OUTLET to a floor drain.
3. Plug the line cord into an outlet with the proper line voltage. This outlet must be protected by a branch circuit disconnect switch fused in accordance with the National Electric Code and any applicable local codes. Check the water pump for proper rotation direction, which is shown by arrows on the end of the pump housing and on the motor. The cooling water source must be turned on before the pump will run. If the rotation is incorrect, disconnect the line cord from the power plug, and interchange two of the three power leads at the incoming line terminals in the control box. Plug the line cord into the outlet and again check pump rotation.

LUBRICATION AND MAINTENANCE

1. Water Pump - Refer to manufacturer's catalog sheets, which are part of this manual.
2. "V" Groove Wheels - Grease fittings. Re-lubricate on the plant maintenance schedule using Lithium Base Ball Bearing Grease.
3. Tank Vertical Adjustment (Two) - Grease fittings. Re-lubricate on the plant maintenance schedule using Lithium Base Ball Bearing Grease.
4. Tank Vertical Guide Rod (Four) - Oil filler cap. Re-lubricate on the plant maintenance schedule using SAE 40 oil.