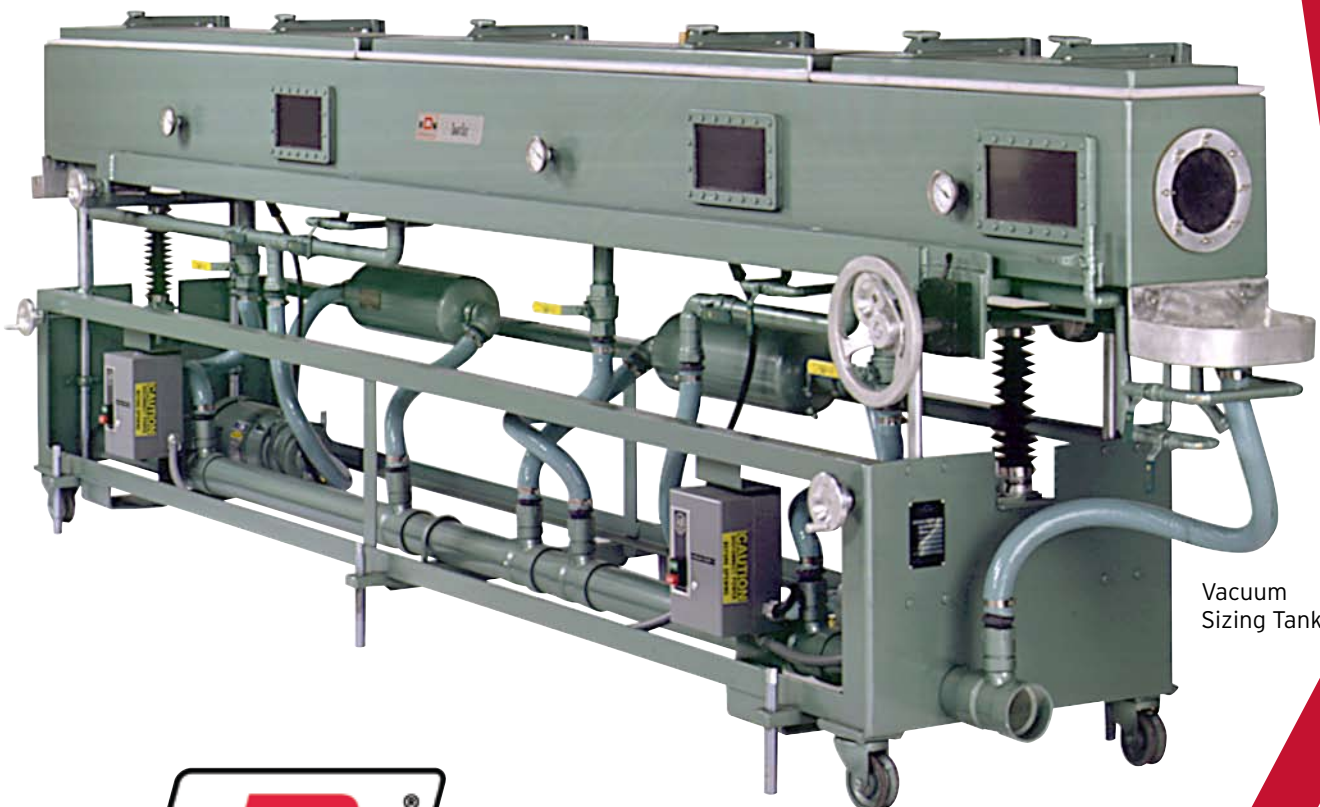


# VACUUM CALIBRATION AND SIZING TANKS

## Custom Engineered for Your Specific Application

- FOR THE SIZING OF RIGID PROFILES AND HOLLOW TUBES.
- DIRECT VACUUM SYSTEM PROVIDES PRECISE SIZING.
- V-GROOVE CASTERS AND LEVELING SCREWS FOR IN-LINE ALTERATIONS.
- HANDWHEELS ALLOW MICROMETER HORIZONTAL AND VERTICAL ADJUSTMENTS.
- NOISE MUFFLERS FOR QUIET OPERATION.
- RUGGED CONSTRUCTION IDEAL FOR DEMANDING CONDITIONS.



Vacuum  
Sizing Tank



Increased Productivity Starts Here

# SPECIFICATIONS

## Vacuum Calibration Tanks - Perfect for rigid profiles

### Wet Sizing

All of RDN's wet sizing units utilize a durable, 12-gauge stainless steel tank that is divided into separate cooling compartments. The tanks also include a one-foot air wipe section. The cooling compartments with supply and drain piping come equipped with manual shut-offs and interior pipes for even cooling. Additionally, RDN's wet sizing machines feature an adjustable water level control for immersion cooling.

### Dry Sizing

For dry sizing, RDN can custom build a machine to meet your specific needs. Each unit comes equipped with a rigid table including "T" slot mounting for the calibrator tooling. A stainless steel drain tray extends around the perimeter of the tool-mounting table.

### Direct Vacuum and Water Cooling Systems

All units are equipped with RDN's Direct Vacuum System which supplies vacuum directly to the calibrator tooling. The stainless steel vacuum manifold includes hoses and fittings, as well as regulator, gauge, air vent and vacuum ports with individual shut-offs. Cooling water is supplied to the tooling with RDN's Direct Water Cooling System. It includes a stainless steel water manifold with water port including shut-offs, hoses and fittings. The unit also utilizes direct-acting, water ring vacuum pumps with noise mufflers for quiet operation.

### Other Features

RDN's vacuum calibration tanks feature handwheels which allow for the ideal positioning of the tank both vertical and horizontally. V-groove casters and leveling screws are provided to facilitate adjustments during processing. Each unit's electrical controls include start-stop push buttons and magnetic starters with thermal overload protection for each motor. Specific dimensions, capacity ranges, weights, etc. vary with application and will be supplied at time of quote.

## Vacuum Sizing Tanks - Perfect for hollow tubes

### Custom Engineered Machines

All of RDN's vacuum sizing tanks are engineered and built to your individual specifications and needs. Our application engineers will work with you to build the perfect machine for your operation.

### Direct Vacuum System

The complete line of RDN's vacuum sizing tanks utilizes the Direct Vacuum System. Each compartment comes equipped with a stainless steel cover, temperature gauge, air vent, vacuum regulator, vacuum gauge, water level control and window, making each individual section an independent sizing zone. Each unit also comes with a noise muffling system and an overflow tank on each end.

### Adjustable Design

Each machine is mounted on four v-grooved casters and are fitted with four height adjusting leveling screws. A handwheel with Linear Actuator allows up to 12" movement of the tank with respect to the support frame in the extrusion direction. Another handwheel and an enclosed gear arrangement at each end of the tank provides micrometer vertical height adjustment. In addition, each unit comes equipped with adjusting screws for lateral adjustment.



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