

# Telescoping Valves

Telescoping valves are designed for use in tanks, lagoons, ponds, water containment structures and water & wastewater plants. Ideal for siphoning clean water from the surface of one tank or body into another, telescoping valves will not disturb the sediment that sinks to the bottom. Telescoping valves are also used to regulate fluid levels, either by draining one tank into another or filling an adjacent tank with a higher water level.

182 Railroad Street  
Troy, PA 16947  
Sales: 570-297-4442  
Toll Free: 800-232-4442  
sales@pennstroy.com



[www.PennTroy.com/TV](http://www.PennTroy.com/TV)

# Rising and Non-Rising Telescoping Valves

## Precise Fluid Control, Made-to-Order

There is not a one-size-fits-all approach for telescoping valves, and we at Troy Valve understand that. Your unique situation and installation parameters will mean that tailored dimensions and customizations – not just “standard” t-valves – are ideal.

For example, weir cones and scum baffles may be optimal for our other clients, but if you are working with certain space constraints then they won't even be an option. In that case, our experts will provide you with other options so that you can make an informed decision. Just let us know what your situation is and we will take care of you.

**Here are just a few features of our telescoping valves that will help clarify your purchase decision:**

- **Troy Valve Exclusive: Slip Tube Lubrication System**  
This system (optional) pumps grease to the slip tube so that the companion flange continues operation in a dry environment.

- **Reduce Operational Hazards with Our Safety Lock**  
Every valve we sell has a self-locking feature that keeps your valve at the elevation you set, preventing the valve from moving on its own. It also protects the operator from injury that may occur when trying to stop an out-of-control wheel! No need for external locking devices!

- **An Easy-Maintenance Gasket Design and Powerful Seal**

We'll put a Buna-N gasket on your t-valve for a seal that is superior to Teflon or Neoprene materials. In addition, the unique design of the gasket lets you do routine repairs and maintenance in the field - without removing the slip tube.

- **Enjoy a Tougher T-Valve with Corrosion-Resistant Materials**

Our base-model t-valves are built to last with 304 stainless steel, wetted moving parts, and a companion flange with cast iron and TNEMEC epoxy coating. Other materials are available for every portion of your valves!

### Don't Forget...

We also offer a variety of valve operators to suit your needs. Contact Troy Valve to benefit from made-to-order t-valves manufactured in the USA.

# What Makes Our Telescoping Valves Unique?

## 1. Buna-N MJ Gasket

Unique gasket design allows simple, fast repair and maintenance without removing slip tube. Seals better than Teflon or Neoprene.

## 2. Safety-Lock

All of our t-valves are self-locking for safety and require no separate locking mechanism. This feature eliminates the possibility of the valve falling if you let go of the hand wheel and the danger of trying to grab the wheel while it is spinning so fast.

## 3. Corrosion Resistant Material

Comes with standard 304 stainless steel components and wetted moving parts and standard companion flange with cast iron TNEMEC epoxy coating. Upgrades to 316 stainless steel are available.

## 4. Range of Slip Tube Sizes

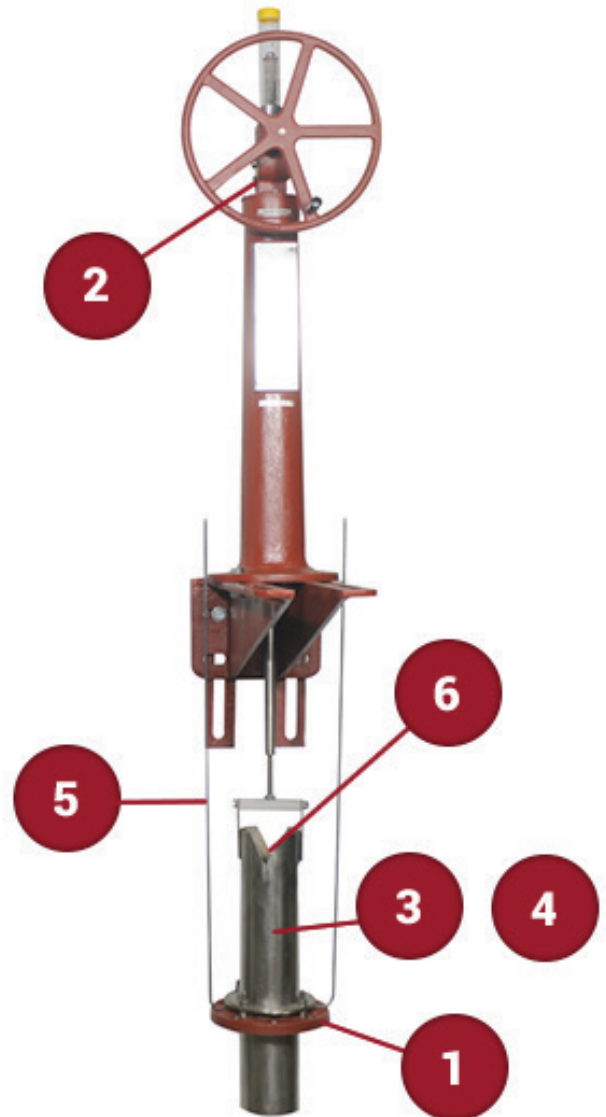
Slip tubes are available in all standard pipe sizes up to 30" to best fit your application.

## 5. Optional Lubrication System (Exclusive to Penn-Troy)

A slip tube lubrication system pumps grease to the slip tube to help keep the companion flange working when routinely exposed to atmosphere. It is also ideal for use in a dry application.

## 6. Variety of Optional Features

V-notches, scum baffles and weir cones are available, enabling better process control





### Electric Actuator

Get remote operation and controlled torque settings for easy action.



### Offset Mounting Bracket

Troy Valve offset mounting brackets are designed for when the stand cannot be mounted to the floor. Offset mounting brackets are available up to 35.25" of reach from the wall. Further custom reaches can be fabricated so check with Troy Valve for all your mounting needs.

**Materials:**

- 304 and 316 Stainless Steel
- Cast Ductile Iron



### Hand Wheel

A simple design, hand wheels cost less and require less maintenance than bevel actuation.

**Materials:**

- Cast Iron (13" & 18")
- Cast Aluminum (16" & 18")
- Cast Stainless Steel (14")

**Custom Options:**

- Spinner for faster, easier operation



### Stem Guide

Adjustable by length and lateral wall mounting, our rugged stem guides prevent stems from buckling or bending for long-term performance.

*\*Provided when space permits\**

**Materials:**

- Cast 316 Stainless Steel
- Cast Ductile Iron

**Custom Options:**

- Bushing materials
- Add bushing in the bore
- Sizes and configurations



### Floor Stands

Floor stands are used for floor level operation of valves. They allow easy use and indication of your valve.

**Materials:**

- 304 or 316 Stainless Steel
- Cast Ductile Iron

**Custom Options:**

- Pre-machined
- Prepped for actuators
- Height (for stainless steel)
- Base guide plate available
- Anti-rotation



### Grease Fitting (Remote Lubrication System)

Troy Valve's own grease fitting (remote lubrication system) makes maintenance of your t-valve quicker and easier by eliminating the need to climb into the tank or drain it each time the valve needs lubricated. Simply inject the grease using a grease gun, and it will be pumped directly down to the proper location on the slip tube. The grease fitting helps keep the companion flange working when routinely exposed to atmosphere. It is also ideal for use in a dry application.