

TRUMBULL

Treatment Plant Products

VALVES, ACCESSORIES, & RELATED PRODUCTS



Trumbull Treatment Plant Products

"QUALITY PRODUCTS FOR THE WATERWORKS AND VALVE INDUSTRIES"



CAST IRON MUD VALVES *(NSF 61 & NSF 372)*

- Designed for low pressure applications such as draining settling tanks for maintenance
- Available in rising stem and non-rising stem styles, in sizes up through 24"
- Sliding stem style available with bench stand (keeps operating threads out of water)
- Uses brass seats in the body and gate; rubber seats are optional
- Stainless steel fasteners furnished as standard

STAINLESS STEEL MUD VALVES *(NSF 61 & NSF 372)*

- Yoke, flange and gate are heavy-duty castings of Type 316 stainless steel
- Seating is Buna-N rubber for positive shutoff; seats are mechanically retained & field-replaceable
- Available in rising stem and non-rising stem styles, in sizes up through 24"
- Sliding stem style available with bench stand (keeps operating threads out of water)
- Heavy-duty, one-piece stem with permanently bonded coating
- Third party tested to 15,000 cycles and over 625 ft/lbs of torque



VALVE EXTENSION STEMS

- Used to raise the operating level of buried and "in-plant" valves having a 2" square operating nut
- Pinned connections permit removal of castings so rod can slide through Floor Boxes and Stem Guides
- Round stems available from pipe or solid bar and from various strengths of carbon or stainless steel
- Square stems also available; either 1-1/4" square or 1-1/4" x 1-1/2" square telescopic versions
- Custom-designed Extension Stems available with gearing, universal joints, thrust collars and torque tubes

VALVE EXTENSION STEM COMPONENTS

- TOP NUTS & BOTTOM COUPLINGS are available for separate purchase in various bore diameters, in either DI or Type 316 stainless castings; also available for 1-1/4" square stems
- HANDWHEELS are available in DI or SS in various diameters; can be bored to specific stem diameter required
- UNIVERSAL JOINTS solve many misalignment problems; optional resilient boot also available



TELESCOPING VALVES

- Designed to regulate the level of fluids in containment structures such as holding chambers or tanks
- Available in both rising stem and non-rising stem designs
- Several operators are available such as handwheel, rack and pinion, bevel gear, and electric motor operator
- Many custom configurations are available

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DI PEDESTALS & NON-INDICATING FLOORSTANDS

- Allow operation of valves at a lower elevation where indication is not required
- Can be adapted for various custom requirements such as mounting of electric motor operators, manual gear operators, or customer-supplied components
- Frequently used with Valve Position Indicators to accommodate up to 870 turns

INDICATING FLOORSTANDS *(Ductile & Cast Stainless)*

- 30" Floorstand operates valves ranging from the standard of 140 turns up to 563 turns
- 36" Floorstands operate valves ranging from the standard of 196 turns up to 784 turns
- Lexan window, on both 36" models, seals the indicator slot
- Includes a bronze position indicator
- 8" diameter top flange can be drilled for actuator mounting (shown below)



GEAR OPERATORS FOR FLOORSTANDS

- Top flange, adapter flange and stem of Floorstands are machined to allow mounting for a variety of gear or motor operators, such as . . .
- MITER GEARS (Multiple end configurations)
- ELECTRIC MOTORS
- BEVEL GEARS

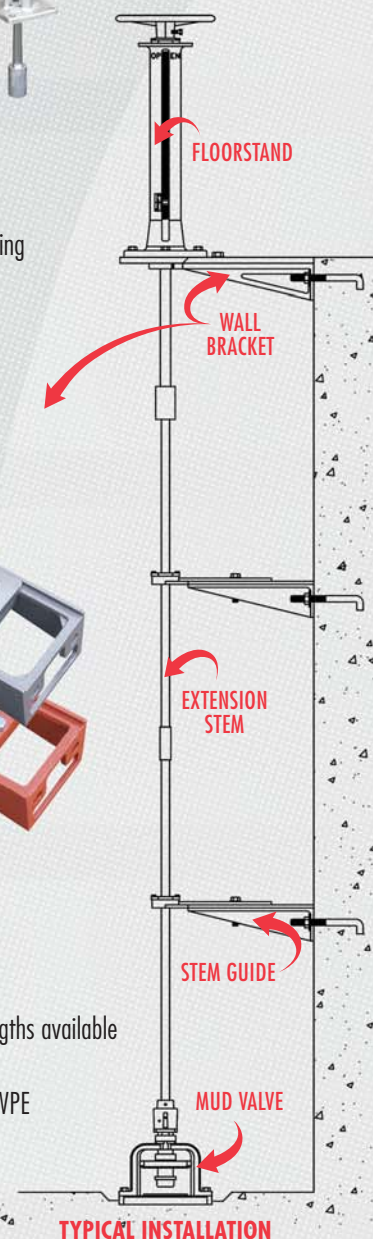
WALL BRACKETS FOR FLOORSTANDS

- Mounted to wall to support Trumbull Floorstands
- Adjusts for stems up to 17-1/8" from wall
- Available in both ductile iron and stainless steel models



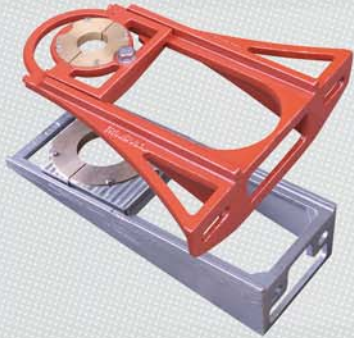
ADJUSTABLE STEM GUIDES

- Designed as wall brackets to provide support for Valve Extension Stems
- Adjustable for stems as close to the wall as 2" or as far away as 36"; longer lengths available
- Available in either ductile iron or Type 316 cast stainless steel
- Available bushings include lead-free brass, NSF 61 approved polymer, and UHMWPE with bore diameters up to 2-1/8", inquire on larger sizes



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ADJUSTABLE STEM GUIDES *for Large Diameter Stems*

- Designed for 2" to 4" stem diameters
- For a safer installation, brass bushing and arm are split; end cap provides safety restraint
- Adjustment range of ductile model will allow centerlines as close to the wall as 2-3/4" or as far as 17-1/4"
- Adjustment range of stainless model is 4" to 18"
- Recommended at 6 ft. to 8 ft. intervals

FLOOR BOXES

- Designed for installation in floors for access to the 2" nut of non-rising Extension Stems
- Available bushings include lead-free brass, NSF 61 approved polymer, and UHMWPE with bore diameters up to 2-1/8", inquire on larger sizes
- Floor Box has overall height of 6": however, a pipe nipple can be threaded into underside of casting to accommodate a variety of floor slab thicknesses



SEALED FLOOR BOXES

- Ideal to prevent fluids from penetrating the floor slab from either the topside or underside
- O-ring seals Floor Box at top of floor; furnished as standard
- Optional brass bushing or stainless steel packing gland (to seal the underside) are available
- Can be used with our Valve Position Indicator to show the position of valve at all times

WALL-TYPE PRESSURE RELIEF VALVES

- Installed in tank walls with a Wallpipe to prevent side walls from buckling due to high water table
- "QuadroSeal gasket" surrounds both the body and lid on 4 sides to prevent separation or leakage; also prevents metal-to-metal contact that can cause seating surfaces to corrode into a shut position
- Strainer located in valve, not Wallpipe; keeps valve seat free of debris
- Available in both ductile iron and Type 316 cast stainless steel models; in 4" and 6" sizes
- Wallpipe has a wall collar and tapped bolt holes to allow flange to be set flush with wall



FLOOR-TYPE PRESSURE RELIEF VALVES

- Installed in tank floor to prevent an empty tank from floating due to high water table
- "QuadroSeal gasket" surrounds both the body and lid on 4 sides to prevent separation or leakage; also prevents metal-to-metal contact that can cause seating surfaces to corrode into a shut position
- Hydrostatic pressure will open the cover allowing water to enter, at less than 1 ft. of head
- Lugs in the body prevent cover or strainer from separating from the body due to flow
- Available in 4" and 6" sizes, overall length is 9-1/4"; lengths can be extended using C900 PVC pipe



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DUCTILE IRON CHAINWHEELS

- Allows operation of valves in high, hard-to-reach locations by means of a slight pull on the sprocket chain
- Universal design allows Chainwheel to be clamped to handwheel, or pinned directly to valve stem
- Sprocket-type design allows single loop chain to engage teeth in the Chainwheels
- Galvanized or type 316 stainless steel single loop chain also available; optional connecting links eliminate the need to cut and bend chain to form a loop

STAINLESS STEEL CHAINWHEELS

- Made of Type 316 stainless steel investment castings
- Premium Chainwheel; ideal for a lifetime of reliable operation in various environments
- Universal design allows Chainwheel to be clamped to handwheel or pinned directly to valve stem
- Pocket-type design uses smooth Type 316L welded link machine chain, calibrated to fit Trumbull Chainwheels; connecting links are used to form a loop in the chain



CARBON STEEL CHAINWHEELS

- Pocket-type Chainwheel similar to our stainless steel model, utilizing smooth welded link chain
- Universal design allows Chainwheel to be clamped to handwheel or pinned directly to valve stem
- Finished with e-coating
- Connecting links are used to form a loop in the chain

ALUMINUM CHAINWHEELS

- Used when lighter weight is desirable; minimizes weight on valve stems and input shafts
- Sprocket-type design uses single loop chain, similar to our ductile iron model
- Available for handwheel diameters ranging from 2" to 19"



CHAINWHEEL SAFETY RESTRAINT SYSTEM

- Restrains Chainwheel to valve to prevent injury should handwheel or Chainwheel separate from valve
- Eyebolt, cable and clips are Type 316 stainless steel, which provide long life in corrosive environments
- One end is attached to Chainwheel; the other end is attached to valve or nearby pipe or structure

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"CHAIN-UP" DEVICE

- Stores overhead chain safely above worker's pathway
- Purchased as optional accessory for any of our Chainwheel models
- Made of safety orange colored, high-strength thermoplastic polymer

CHAIN LEVERS

- Used for manual operation of elevated quarter-turn valves
- Saves expense of adding a gear and Chainwheel to valves that don't require a gear to operate
- Provided with plated eyebolts, hardware and connector links
- Stocked with an overall length of 24", longer lengths are made-to-order
- Allows use of our Chainwheel Safety Restraint System (shown on page 5)



HAND LEVERS

- Used for quarter-turn, above ground valves
- Provided with plated setscrew and jam nut to secure wrench to valve operating nut
- Heavy-duty ductile iron head casting is stronger yet lighter than grey iron wrench
- Furnished with 1" pipe handle in a variety of lengths

LINK-SEAL® MODULAR SEALS

- Permanently seals pipe of any size passing through walls, floors and ceilings
- Available with either carbon steel or Type 316 stainless steel bolts and nuts
- Trumbull provides genuine Link-Seal® Modular Seals



WALL SLEEVES

- Used for pipe penetrations in concrete walls, floors and ceilings
- TRUMBULL WALL SLEEVES include a 1/4" thick steel wall collar, continuously welded on both sides; available in a variety of diameters and lengths, fabricated to customer requirements
- CENTURY-LINE® SLEEVES are made from light-weight HDPE, easy for one man to install

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VALVE POSITION INDICATORS

- Eliminates broken valve stems caused by over-opening or over-closing
- Available in three models: 57, 275 and 870 turns
- Available for 1-1/4" square stems or round stems up to 1-3/4" O.D.
- Double O-ring seals keep out water and dirt
- Constructed of heavy-duty, non-corrosive Dupont™ Delrin® polymer, providing high-impact resistance even in cold climates
- Debris Shield (called out below) keeps valve box clean and position indicator legible

0 to 57 turns



0 to 275 turns



0 to 870 turns



Additional
TRUMBULL PRODUCTS

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PRODUCTS



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HYDRANT PARTS & ACCESSORIES

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