

# Valves for the Pulp and Paper Industry

Critical Service Solutions

Severe-Service • Zero-Leakage • Metal-Seated

# Critical Service Valve Applications

At ValvTechnologies, we engineer our products to meet your needs. ValvTechnologies is the world's leading manufacturer of metal-seated ball valves. The approach to solving our customers' valve problems is simple: we combine next-generation metallurgy with state-of-the-art design and manufacturing. This approach gives us the ability to analyze our customers' process and create a solution that is guaranteed to provide zero-leakage isolation.

The specialized needs of the pulp and paper industry are a major focus at ValvTechnologies. ValvTechnologies provides a wide range of products that offer unique solutions to isolation and control applications in pulp and paper.

## Pulping

- Digester steam control
- Digester gas-off
- Screen blowback
- White liquor
- Black liquor

## Kraft Recovery and Causticizing

- Steam isolation and control
- Weak and strong black liquor
- Knotter screen backwash
- Green liquor isolation and control
- White liquor isolation and control
- Lime slurry isolation and control
- Wash water isolation
- Contaminated condensate isolation
- Sand separator dump valve

## Bleach Plant

- Dry chlorine
- Chlorine dioxide
- Hypochlorite liquor
- Caustic liquor
- Hydrogen peroxide
- Sulfuric acid
- Sodium chlorate
- Sulfur dioxide
- Chlorinated stock
- Bleaching tower drains

## Power and Recovery Boilers

- Electronic relief valves
- Rapid drain emergency drain valves
- Feedwater control
- Boiler vents and drains
- Continuous and intermittent blowdown
- Sootblower isolation
- Sampling lines
- Chemical dosing
- Gauge and instrument drains
- Mud drum drains
- Desuperheater spray systems

## Paper Machine

### Additional Applications

- Sky vents
- Dryer pressure control
- Lime mud isolation and control

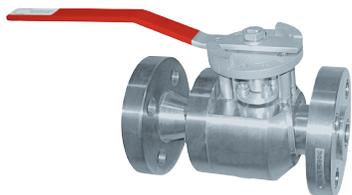
ValvTechnologies; valves last longer and reduce maintenance costs.



## V1-1

### Forged, High Pressure Valves.

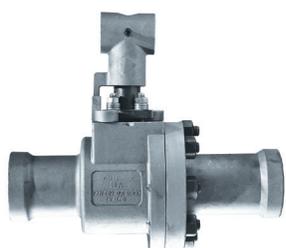
- ANSI/ASME Class 900 - 4500
- 1/4" - 4"



## V1-2

### Flanged, Low Pressure Valves.

- ANSI/ASME Class 150 - 600
- 1/2" - 36"



## V1-3

### Small Bore, Low Pressure, Investment Cast Valves.

- ANSI/ASME Class 150 - 600
- 1/2" - 2"



## PSG

### Parallel Slide Gate Valve. Bi-directional, Zero-leakage isolation Valves.

- ANSI/ASME Class 300 - 4500
- 4" - 36"



## ERV

### Electronic Relief Valve.

- ANSI/ASME Class 150 - 4500
- 1/2" - 12"
- ANSI/ASME Sec. I, V-Stamp Capacity Certified

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# Valves for the Pulp & Paper Industry



ValvTechnologies, Inc. is a global leader in the design & manufacturing of flow control devices. Founded in 1987 & headquartered in Houston, Texas, ValvTechnologies remains focused on helping customers meet their daily production and process challenges safely and efficiently.

Having built a global reputation for superior quality & dependability across many industries, ValvTechnologies' products are designed to exceed both the standard & most sophisticated, severe-service processes application requirements. ValvTechnologies meets the demands for total flow control solutions, whether one valve at a time, or system-wide.

Bringing together the best people and the latest in technological design and manufacturing processes, ValvTechnologies has created an atmosphere where quality and dependability are built into every product, start to finish.

## Worldwide Office Locations

### Headquarters & Manufacturing

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