



# POWER GENERATION

Industry Application

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## Power Generation

# Valves Engineered for Steam, Pressure, and Continuous Load

Power plants operate under extreme temperatures, high-pressure steam circuits, and uninterrupted duty cycles. Valvewerkz provides reliable flow control solutions for steam, feedwater, cooling water, and fuel systems. Our valves are designed to support safe operation, minimise leakage, and maintain performance in thermal, gas, and renewable power facilities.



## Key Applications



### Main Steam Isolation & Throttling

High-integrity control for boiler-to-turbine steam circuits.

- Steam Traps (ST60, ST61, ST62 Series)
- Globe Valves (GL25, GL26 Series)
- Gate Valves
- Safety Valves



### Boiler Blowdown & Drain Service

Durable shutoff in high-pressure and high-temperature discharge systems.

- Ball Valves (90, 80, 81FS, 203 Series)
- Globe Valves (GL25, GL26 Series)



### Cooling Water & Auxiliary Systems

Reliable isolation in circulating water, cooling towers, and support utilities.

- Ball Valves (50, 90, 80, 81FS, 203 Series)
- Butterfly Valves (BU25, BU26 Series)



### Condensate & Steam Handling

Efficient condensate removal and steam control for heat recovery systems.

- Ball Valves (50, 90, 80, 81FS, 203 Series)
- Globe Valves (GL25, GL26 Series)
- Steam Traps (ST60, ST61, ST62, ST63 Series)
- Check Valves

# Product Capability for Key Functions

Valvewerkz valves provide dependable shutoff, precise steam regulation, and long-term reliability across boiler, turbine, and auxiliary systems.

Product / Key Applications	Ball Valves					
						
	20 Series	50 Series	90 Series	80 Series	81FS Series	203 Series
Main Steam Isolation						
Throttling						
Boiler Blowdown					✓	
Drain Service			✓	✓	✓	✓
Cooling Water		✓	✓	✓	✓	✓
Auxiliary Systems		✓	✓	✓	✓	✓
Condensate		✓	✓	✓	✓	✓
Steam Handling		✓	✓	✓	✓	✓

## Why Valvewerkz for Power Generation

- ✓ Leak-tight sealing for critical steam circuits
- ✓ Designed for thermal cycling and pressure extremes
- ✓ Durable construction for continuous-duty operation
- ✓ Fire-safe and emission-compliant options available
- ✓ Regional spare parts and technical support

Bellow Seal Globe Valves		Butterfly Valves		Steam Traps Valves			
GL25 Series	GL26 Series	BU25 Series	BU26 Series	ST60 Series	ST61 Series	ST62 Series	ST63 Series
✓	✓			✓	✓	✓	
✓	✓						
✓	✓						
✓	✓						
		✓	✓				
		✓	✓				
✓	✓			✓	✓	✓	✓
✓	✓			✓	✓	✓	✓

The background of the page is a solid dark blue color. On the left and right sides, there are vertical strips of an industrial scene. The scene shows a complex network of pipes, valves, and machinery, likely from a refinery or chemical plant. The pipes are painted in various colors, including red, white, and blue. There are large valves with handwheels and various fittings. The overall impression is one of a busy industrial environment.

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