Valve solutions for steam turbine manufacturers

The right valves for all steam turbine applications
Helping you deal with growing demands and tightening regulations

We at Metso are dedicated to delivering products and services that have been developed to address the specific challenges that our customers face in their daily operations and business.

Global market drivers:
Industry & society

- Industrialization and urbanization
- Rising energy demand
- Improving steam turbine technology

Typical customer challenges

- Fuel economy
- Environmental regulations
- Unplanned shutdowns
- Workplace safety

Desired results

- Reliability and availability
- Operational safety
- Operational efficiency
- Reduced emissions

Global market drivers:
Environment

- Environmental regulations
- Emissions
- Ongoing powerstation upgrade projects
- Renewable fuel powerstations
- New turbine designs needed

Metso valve solutions for steam turbines
Metso solutions for steam turbine manufacturers

Our portfolio covers the needs of our customers in the business of steam turbine manufacturing with reliable, safe and accurate valve solutions.

IP Intercept Valve Unit
Our butterfly valves (up to class 1500) with fast stroking hydraulic or pneumatic actuators offer high efficiency and maximized availability and safety. The U-shaped seat system and fastener-free trim ensure superior tightness and a high degree of safety. Robust construction helps extend service intervals and the optimized bearing system and material selections address the challenges set by fast temperature changes.

LP Induction Valve Unit
Our butterfly valves (up to class 300) with fast stroking hydraulic or pneumatic actuators are an economical solution with high efficiency and reliability. The U-shaped seat system and fastener-free trim ensure superior tightness and a high degree of safety. Robust construction helps extend service intervals and the optimized bearing system and material selections address the challenges set by fast temperature changes.

LP Steam Extraction Valve
Our butterfly valves (up to class 300) with pneumatic actuators are designed for high efficiency and maximized safety and low pressure losses. The U-shaped seat system and fastener-free trim contribute to superior tightness and improved safety. Robust construction helps extend service intervals and the optimized bearing system and material selections address the challenges set by fast temperature changes.

Intelligent solutions
Our smart products help improve performance and safety. They are based on open and standardized technologies and offer easy to interpret real-time data on performance and process conditions. They can be used independently of any control, safety or asset management systems.

Reliable valve partner for all steam turbine applications
Metso has a strong understanding and long experience in valves for steam turbine applications. Our field-proven solutions offer maximum integrity, safety, reliability and durability. You will find complete solutions, from valves to smart products, from our extensive portfolio, with single source responsibility for the entire assembly.

Our services will provide you support throughout your solution lifecycle from start-up to replacement and beyond, regardless of your geographical location.

We are committed to being your solution provider of choice.
Find out more. Get in touch.

To find out more about Metso’s valve solutions for steam turbine manufacturers, please get in touch or read more online at metso.com