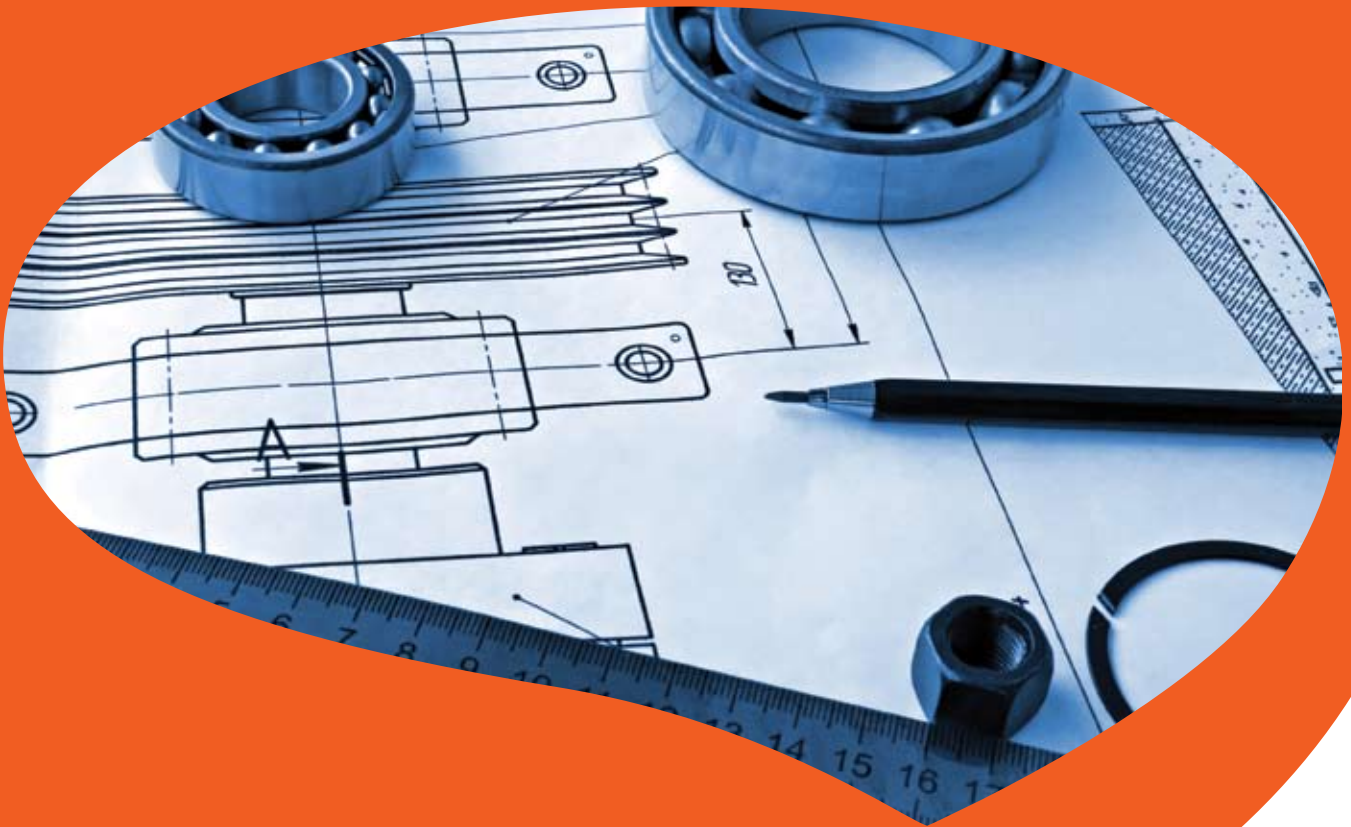


ENGINEERING AND DESIGN

Snowmaking engineering customized for your needs



ENGINEERING AND DESIGN

Johnson Controls Snow provides snowmaking engineering, design and solutions for ski resorts of all sizes. Whether it is a new design and build or an upgrade to an existing snowmaking system, Johnson Controls has the experience to provide a solution to fit your needs. There is no cut-and-paste solution when it comes to the success of a project. A capacity analysis based on historical weather patterns and production data specific to the ski area is created because each mountain is unique and faces different challenges.

Services available:

Engineering and Design

- Conceptual Engineering Studies
- Mountain Piping Systems
- Pump House Design & Layout
- Compressor Building
- Auxilliary Systems
- Instrument and Control Systems
- Piping Improvements
- Mechanical and Electrical Design, Layout and Specifications

System Analysis

- Water Usage and Capacity
- System Efficiency
- Equipment Condition
- Energy Studies
- Automation
- Water Cooling
- Air Cooling

Project Management

- On Site Project Management
- Budget Development and Tracking
- Equipment Sourcing
- Design/Build Capabilities

Field Support

- System Start-Ups
- Troubleshooting
- Seasonal Service
- Parts Sourcing and Supply

Technical Support

- Mechanical and Electrical Systems and Components
- Instrument and Controls Systems and Components

Partial Customer List:

Sun Valley, ID
Squaw Valley USA, CA
Northstar-at-Tahoe Resort, CA
Keystone, CO
Snowbasin Resort, UT
Copper Mountain, CO
Steamboat Springs, CO
Welch Village Ski and Snowboard Area, MN
Cascade Mountain, WI
Crystal Mountain, MI
Perfect North Slopes, OH
Windham Mountain, NY
Wisp Resort, MD
Wintergreen Resort, VA
Aspen, CO



Johnson Controls is the pioneer and global leader of automated snowmaking and the company that brings you Snomax® Snow Inducer. We provide ski areas with products and services that can be customized to address specific mountain challenges, from snowmaking engineering and design to total resort resource management.