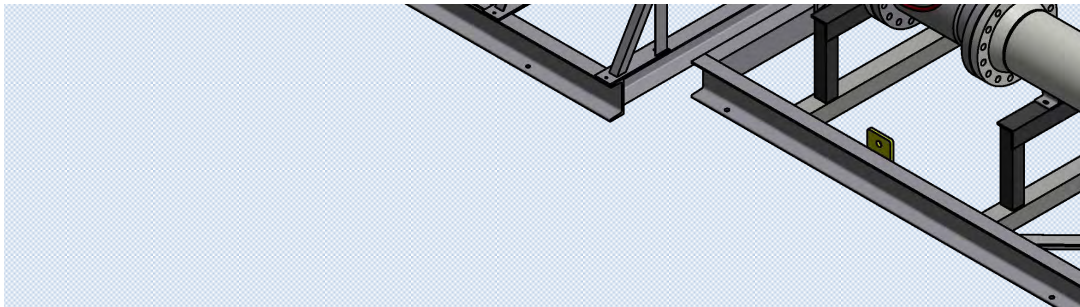
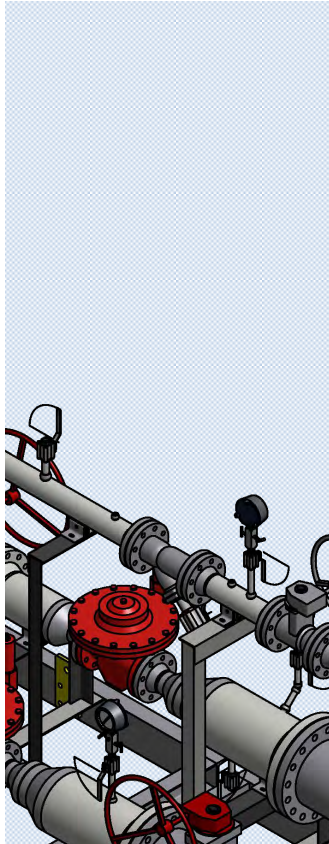
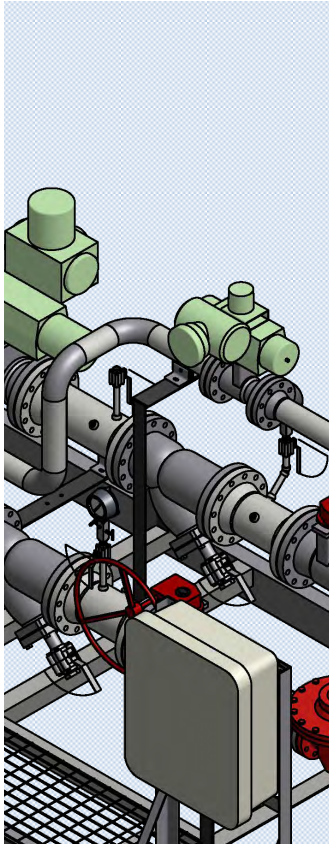
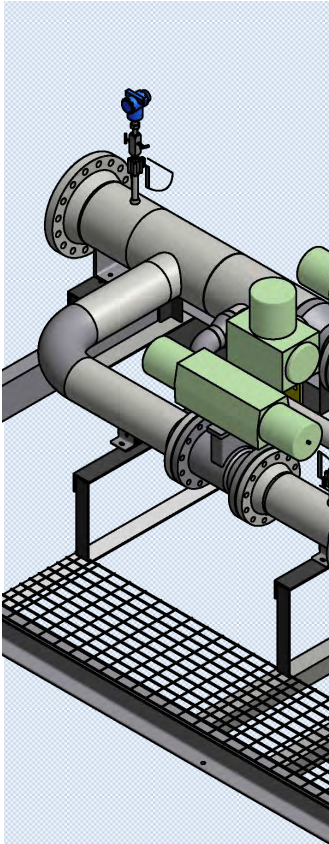


# PRESSURE REDUCING SKIDS

## Packaged Valve Trains



## Natural Gas & Fuel Oil Equipment

# VALVE TRAINS FOR A WIDE RANGE OF APPLICATIONS

## *Natural Gas and Fuel Oil Skids*

### *Packaged Valve Trains*

### *Custom Fabrication*

### *Integrated Controls*

## Fuel Skid / Valve Train Packages

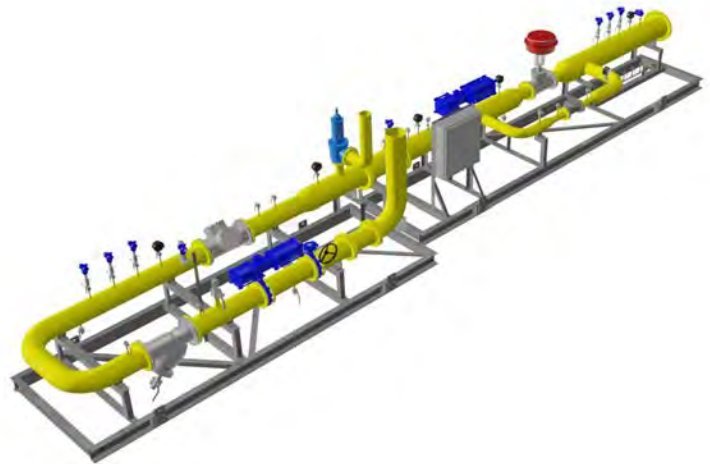
Wahlco designs and manufactures valve trains for applications servicing a wide range of industries including power generation, pulp and paper, refining and chemical processing. Our skids and valve trains are designed to meet your specific needs offering safe, reliable operation for new construction, fuel system conversions and system upgrades including:

- **Pressure Regulating Skids**
- **Flow Control & Metering Skids**
- **Single & Multiple Burner Systems**
- **Fuel Supply Safety Shut-offs**
- **Fuel Oil Systems including:**
  - Fuel Oil Flow Control & Metering
  - Atomizing Steam or Air Control



## Equipment Design Features

- Wide Fuel Flow Capacity Ranges
- High & Low Pressure Reduction
- Service & Monitoring Design
- Reduced or Full Port Design
- Pneumatic or Electric Actuation
- Material Selection
- Large Bore Trunnion Ball Valves
- High Performance Butterfly Valves
- Non-Hazardous & Hazardous Area Classifications
- DCS or Local Control Capability
- Fire Safe



## Industry Standards

Fuel gas piping material and system design in compliance with applicable industry, local and/or international codes and standards:

- NFPA, API, NEC, FM, CSA, PED, ATEX, CE, NEMA, IP, etc.
- AWS Standard Welding Procedure
- B31.1 Power Piping
- B31.3 Process Piping
- Fire Safe Design/Construction
- Isolation Shut-Off Class VI
- Safety Interlocks

# CUSTOM SKID MOUNTED EQUIPMENT



## ***Natural Gas High Pressure Reducing Skid***

Maximum flow: 1.2 MMSCFH

Turndown Ratio: 60:1

Pressure Reduction: 350 psig to 50 psig

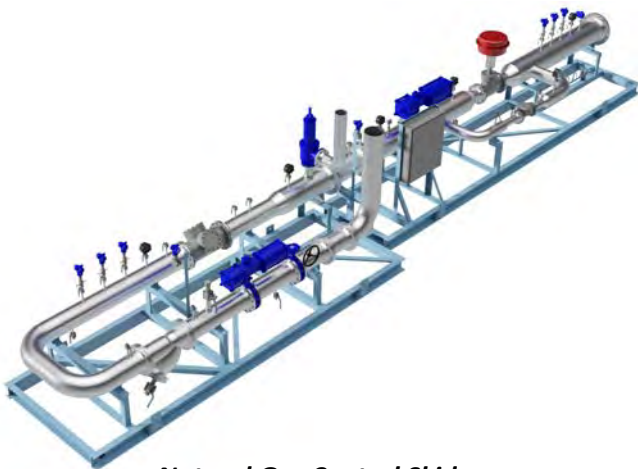


## **Benefits**

- Custom Design for Greater Flexibility
- Experienced In-House Engineering
- Manufactured to Local and International Codes and Standards
- Modular Pre-packaged Design
- Fully Assembled
- Factory Tested
- Process Guarantees
- Quality Control System (ISO 9001:2008)
- Established Service Network



## **MODULAR DESIGNS FOR FAST TRACK DELIVERY**

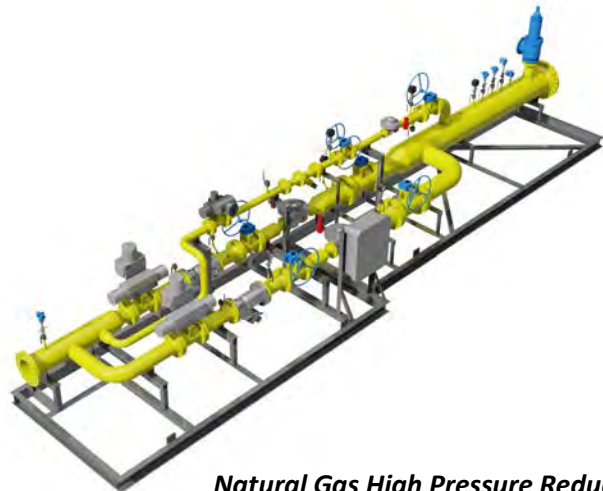


## ***Natural Gas Control Skid***

Maximum flow: 1.5 MMSCFH

Turndown Ratio: 70:1

Pressure Reduction: 100 psig to 25 psig



## ***Natural Gas High Pressure Reducing Skid***

Maximum flow: 4.4 MMSCFH

Turndown Ratio: 50:1

Pressure Reduction: 350 psig to 50 psig



## SAFE AND RELIABLE



### Optional Services

- Engineering Review and Design
- Field Technical Services
  - Installation
  - Training
  - Start-up/Commissioning
- Extended Warranties
- Performance Guarantees



*Serving the power, refinery and chemical industries for over 40 years*



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### Leader in Process Equipment Technology

Wahlco is an international leader in process equipment design and fabrication with over 40 years of experience providing innovative solutions for the power, refinery and chemical industries worldwide. Additionally, Wahlco is a premier supplier of ammonia systems for DeNOx applications including U2A® systems for power and industrial applications, flue gas conditioning systems, and custom skid mounted equipment.

### Wahlco Products

- Packaged Valve Trains
- Patented on-site Urea to Ammonia (U2A) Generation
- Flue Gas Conditioning (FGC) Systems
- Custom Industrial Equipment
- Thermocouple Arrays
- Tubular Electric Heaters
- Formaldehyde-free Urea

***Proven Quality  
ISO 9001:2008 Certified***



WAHLCO headquarters in Santa Ana, California  
Corporate offices, engineering, fabrication, testing and field services