

DUAL PRESSURE

Steam Turbine Generators

AirClean's dual-pressure steam turbine generator includes two separate steam turbines, one integral gearbox, synchronous generator and turbine generator control system. The axial high-efficiency turbine design is optimized to a dual-pressure installation, which can include extraction and backpressure, or condensing options. This design allows for up to 90% extraction while maintaining high-turbine efficiency, ideal for industrial cogeneration projects.



DESIGN FEATURES

- ⊗ Quick-start without preheating
- ⊗ Medium pressure extraction available
- ⊗ Integral oil reservoir
- ⊗ Skid-mounted forced oil system
- ⊗ Extremely compact construction
- ⊗ High & low pressure applications
- ⊗ Nozzle group control valves available
- ⊗ Fully integrated control system
- ⊗ Remote monitoring capable
- ⊗ UL, CSA or EU listed controls

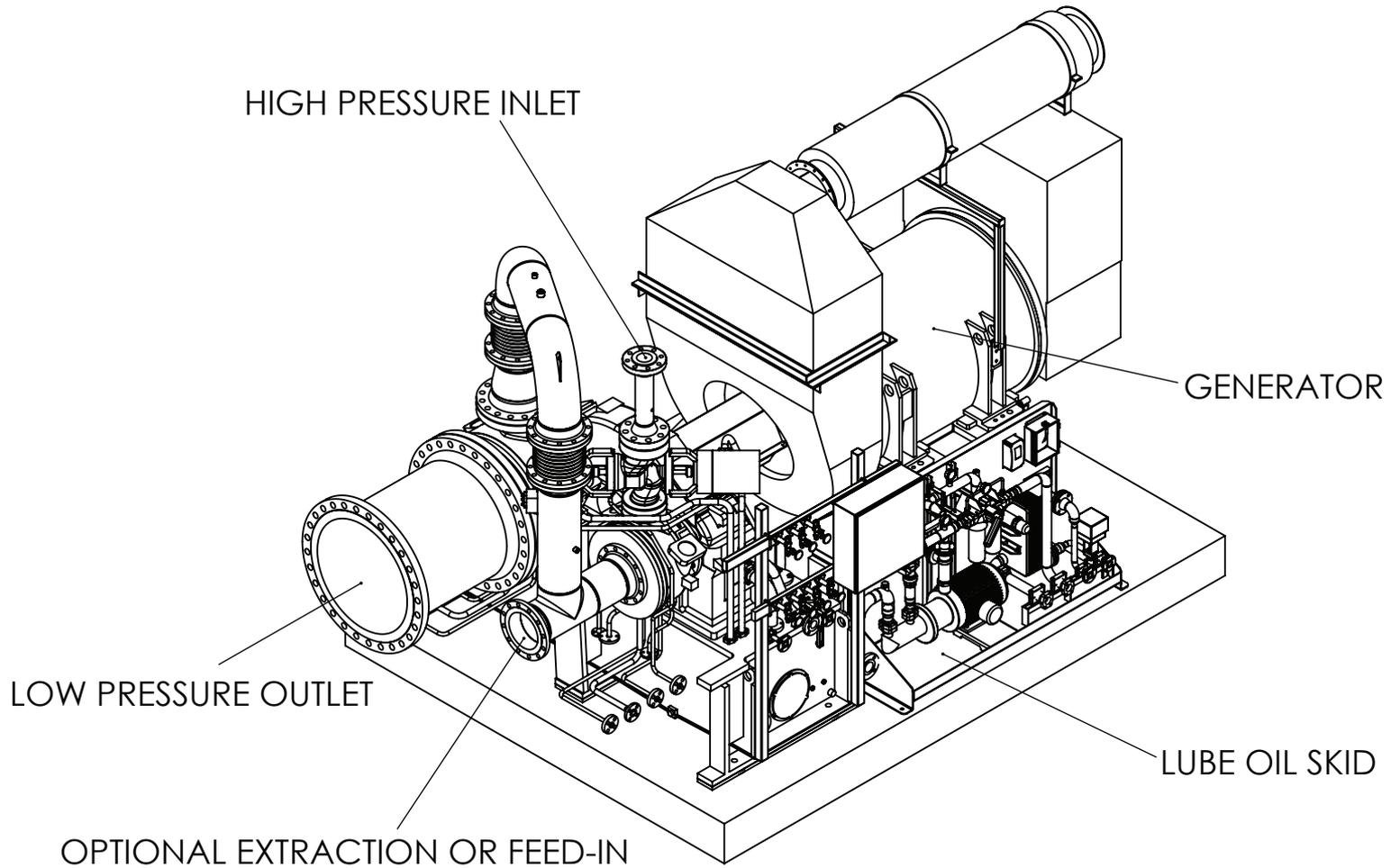
INDUSTRIES:

Wood Products
Pulp & Paper
District Energy
Pharmaceutical
Chemical

WHY AIRCLEAN:

System Design Capable
Process Engineering
Boiler & Energy Experts
Dedicated Project Manager
3D Design

DUAL PRESSURE Steam Turbine Generators



Power Generation Capacity

Up to 12 MWe

Voltages

480/4,160/13,500

Inlet Pressures

Up to 1,900 PSI

Inlet Temperatures

Up to 985°F

Extraction

Up to 90% of Inlet Steam

Foot Print

9.5' x 20'

(Including generator - Shipped Loose)