

SYNCHRONOUS

Steam Turbine Generators

AirClean's skid-mounted synchronous steam turbine generators consist of a steam turbine, reduction gear, synchronous generator and turbine generator control system. This design provides increased turbine efficiency, stand-alone operation capability, and minimizes the power factor issues associated with an induction generator.



DESIGN FEATURES

- ⊗ Robust structural skid
- ⊗ Pre-wired to junction box
- ⊗ Pre-piped drains & cooling lines
- ⊗ Ring-oiled or forced lubrication
- ⊗ Fully integrated control system
- ⊗ Remote monitoring capable
- ⊗ UL, CSA or EU listed controls

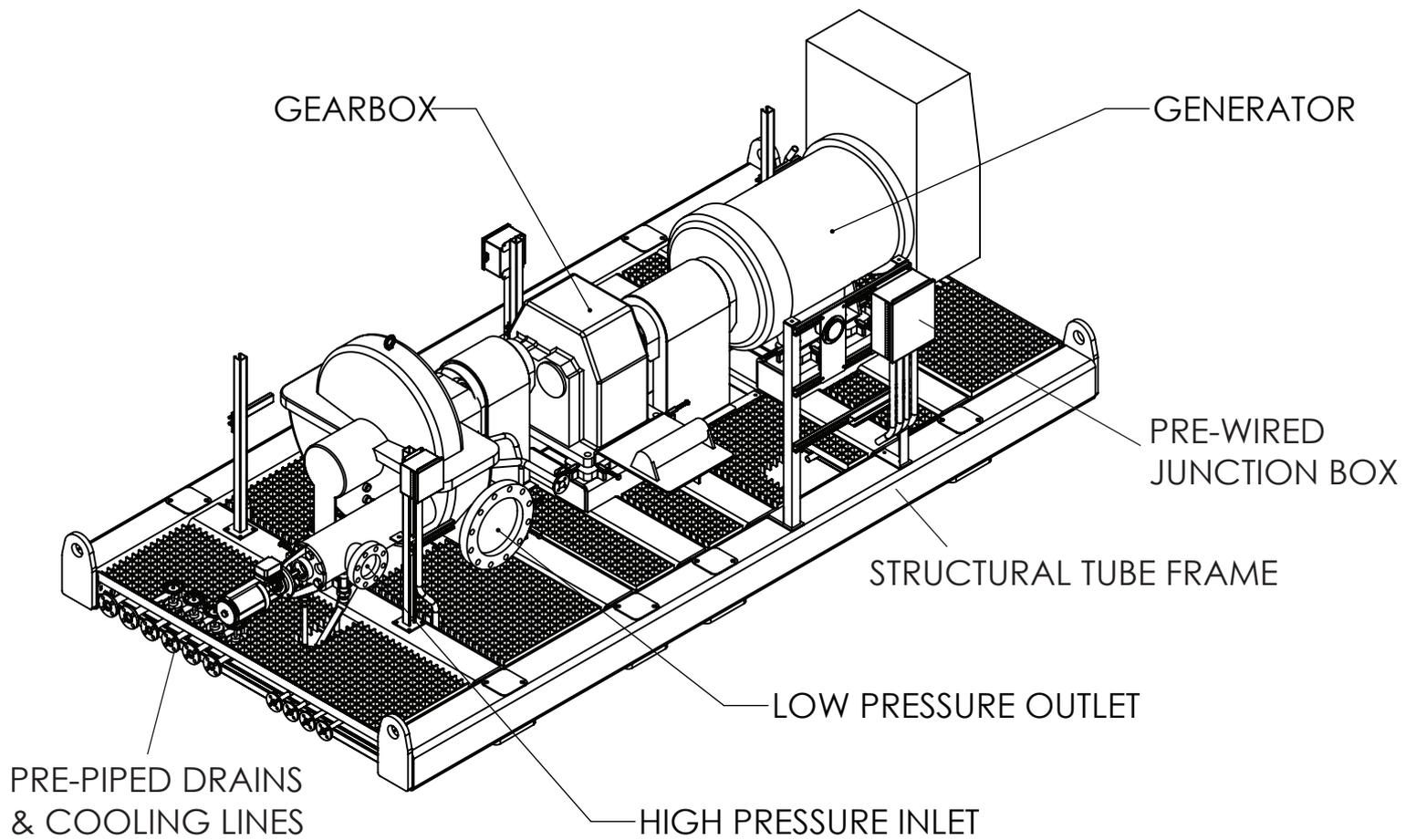
INDUSTRIES:

Wood Products
Pulp & Paper
District Energy
Pharmaceutical
Chemical

WHY AIRCLEAN:

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

SYNCHRONOUS Steam Turbine Generators



Power Generation Capacity

Up to 4 MWe

Voltages

480/4,160/13,500

Inlet Pressures

Up to 900 PSI

Inlet Temperatures

Up to 900°F

Foot Print

7' x 17' (typical)

Weight

17,500 (typical)