

Three Platforms and One Station Steam Turbine

Features:

1. Single-tier layout.
2. Control all start and operation centrally and automatically; the start, warm-up, on-load and the synchronization can be automatic.
3. Speed can be shifted, and the condition can be adjusted respectively.
4. Optimized blade and rational through-flow; inside steam energy waste has is reduced.
5. Less energy input with higher economic effect .
6. Modular design is space efficient
7. The Three Platforms and One Station Steam Turbine have a compact layout, and the working environment is more unobstructed.



Structure:

Steam Turbine Platform:

Front bearing housing, Casing, Rotor, Governing Steam Valve, Main Stop Valve, Safety Device, Rear Bearing Housing, Gear Box, Automatic Turning Gear, Base Plate, etc.

Oil Station:

Oil Tank, HP Oil Pump, Lube Oil Pump, CPC, Oil Cooler, Accumulator, Oil Filter, Instrument Panel of the Oil Station, Base Plate, etc.

Auxiliaries' Platform:

Condenser (condensing steam turbine), Gland Ejector, Two-stage Steam Jet Air Ejector (condensing steam turbine), Condensate Pump (condensing steam turbine), etc.

Control Platform:

Digital Controller, TSL System, ETS System, Operation Instrument Panel, etc.

Driven Equipments:

Generator, Fan, Water Pump, Compressor, etc.