

Steel Structure Cooling Tower

Steel structure cooling tower is widely used for HVAC, short construction period and low load required project. FRP casing with steel structure increase the appearance of cooling tower and also, lower in weight and resistance.

The truss system is used to ensure the rigidity of the cooling tower through bolts connection. The steel pipe with large turning radius is used as bellied rod to form the truss between beam and column. Depending to the section of junctions, the number may be added or reduced. Thus, the structure of tower's body not only have better whole rigidity but also, the stress distribution have been improved.

Steel structure has the ability to withstand forces come from all directions and concentrates load, non-symmetric force and dynamic load caused by earthquake etc. It is effective in reducing the vibration of cooling tower.

Advantage

- Low resistance and high efficiency
- Short construction period
- Elegant appearance

