



## Thermal Oil Boilers Application Fields

As a low-pressure and high-temperature output equipment, the thermal oil boiler has been accepted and adopted by many industries. The specific industries are as follows:

★ In the chemical industry, it is mainly used for distillation, evaporation, polymerization, condensation/demulsification, lipidation, drying, melting, dehydrogenation, forced heat preservation, and heating of synthetic devices such as pesticides, intermediates, anti-aging agents, surfactants, and spices.

★ In the oil industry, the thermal oil boiler is mainly used for heating of oil decomposition, fatty acid distillation, fatification, nitration, hydrogenation reaction, concentration, vacuum deodorization, and other devices.

★ In the synthetic fiber industry, thermic oil boilers are mainly used for heating of polymerization, melting, spinning, thermosetting, fiber finishing, extension, and drying equipment.

★ In the paper industry, thermal oil boiler is mainly used for the heating of sizing rollers, drying rollers, drying rooms, drying cabinets, hot melting machines, wax melting pots, and corrugated paper processing.



★ In the electrical equipment industry, thermal oil boilers are mainly used for heating of polishing machines, plate rolling machines, vacuum machines, dryers, drying chambers, and vacuum chambers in the electrical equipment manufacturing industry.

★ In the paint industry, thermal oil boilers are mainly used for heating in autoclaves, dryers, distillation tanks, evaporation equipment, paint drying, baking, drying and high-temperature curing.

★ In the wood industry, thermal oil boilers are mainly used for hot-press forming of fiberboard, particleboard, laminated board, plywood, and veneer, as well as heating of wood drying equipment, drying equipment, coating equipment, and gluing machines.

★ In the building materials industry, thermal oil boiler is mainly used for drying gypsum boards, solidification protection of concrete components and prefabricated production, pressing of ceramic tiles, drying of decorative materials, and heating of linoleum production lines.

★ In metallurgy, mechanical processing, and foundry industry, thermal oil boiler is mainly used to heating of metal degreasing tank, Dewar tank,



pickling tank, cleaning tank, electroplating tank, Luyang plate oxidation tank, electrode manufacturing, shower heat treatment device, phosphate treatment.

★ In the food industry, it is mainly used for the heating of bread baking equipment, biscuit food baking equipment, candy production equipment, grain drying equipment, edible oil pressing and refining equipment, distillation pots, autoclaves, and conveyor belt dryers.

★ In the textile printing and dyeing industry, thermal oil boiler is mainly used for drying and setting devices, hot-melt dyeing devices, dyeing and printing devices, dryers, calenders, flattening machines, washing machines, calenders, ironing machines, hot air pull heating, and so on.

★ In the coking industry, thermal oil boiler is mainly used for heating and heat preservation of gas storage tanks, mixing stations, and distribution stations.

★ In the automobile manufacturing industry, thermal oil boiler is mainly used for heating tunnel drying rooms, degreasing baths, and phosphoric acid treatment equipment.

★ In national defense scientific research, thermal oil boiler is mainly used as a high-temperature heat source required for the development of new technologies, new materials, and new products for national defense



scientific research.

★ In the shipping industry, thermal oil boiler is mainly used for the heat of heavy oil tanks, asphalt tanks, sulfur tanks on ships and containers that need to be heated and kept warm. In addition to the above industries, thermal oil boiler can be used for warm water generators, hot water generators, steam generators, radiators, soap detergent industries, tar processing industries, and washing machines.