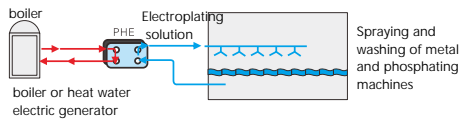
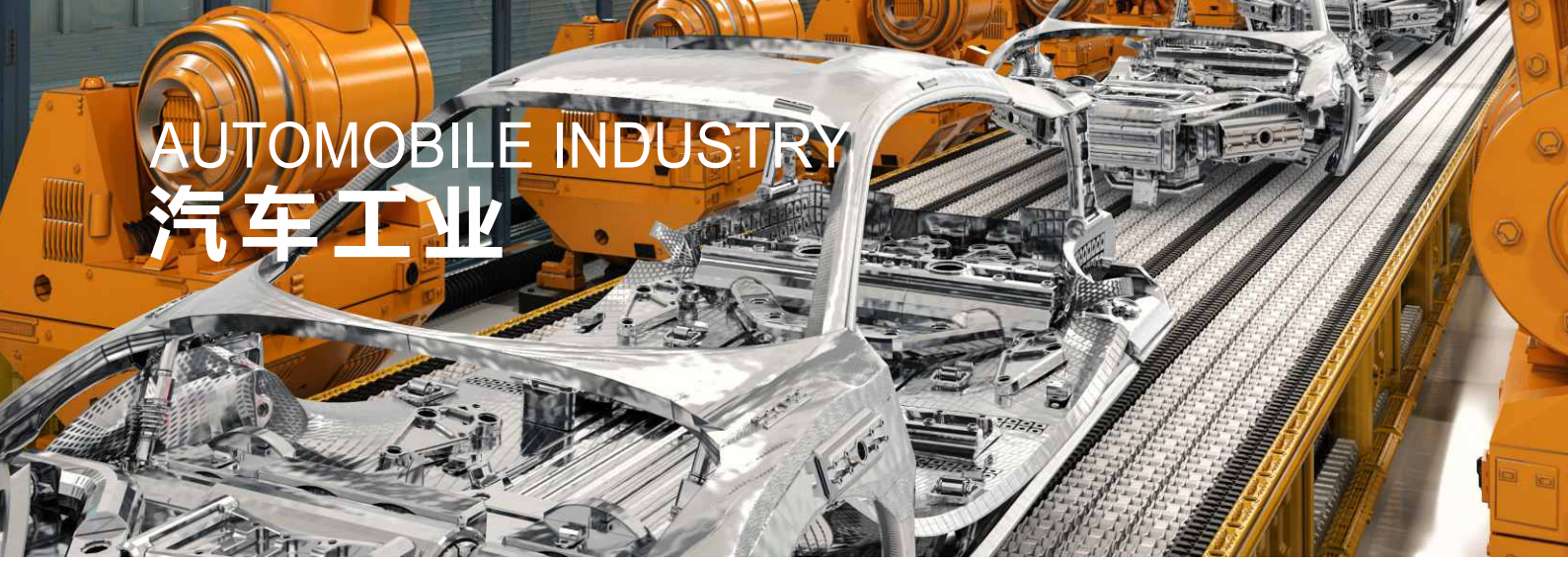
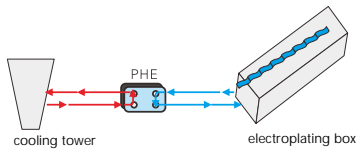


# AUTOMOBILE INDUSTRY 汽车工业



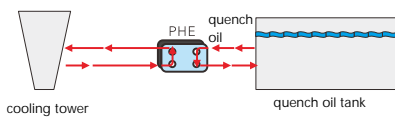
## Metal surface finishing heating

In the automotive industry, there are many processes such as spray washing, dipping metal washing and phosphating machines. The cleaning solution needs to be heated with a plate heat exchanger before use. The hot water from the boiler or hot water generator can be exchanged with the cleaning solution.



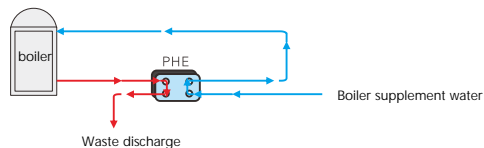
## Heating and cooling plating bath

The plating bath needs to be heated when starting and cooled when working. These require a heat source (cold source) to heat or cool the plating solution through a plate heat exchanger.



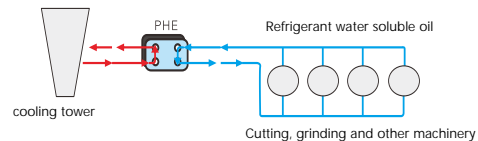
## Cooling quenching oil

The quenching oil in the quenching tank is cooled by a plate heat exchanger using a cooling tower.



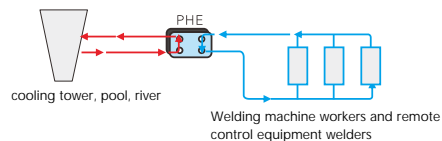
## Waste heat recovery

The waste liquid discharged from the boiler passes heat to the boiler through the plate heat exchanger to supply water, and the preheated water enters the boiler again.



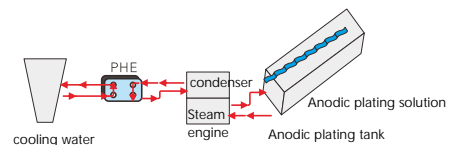
## Cooling refrigerant

Many processes in the automotive manufacturing process require the use of refrigerants for cooling, and these refrigerants need to be cooled during work. Using the cooling tower water through the plate heat exchanger to cool the cutting, grinding and other machinery refrigerant water soluble oil.



## Cooling welding machine

Many welding machines require cooling when working. Cool the clean circulating water in the welder with a cooling tower or other water source at a low enough temperature through a plate heat exchanger to cool the machine.



## Cooling or heating anodic plating system

The anodic plating needs to maintain a temperature of about 22 °C, and the cooling tower is connected with the condenser (or evaporator) with a plate heat exchanger to heat or cool the plating solution to maintain the temperature.

