HT-Bloc

板框式热交换器

一种既保持了传统板式热交换器传热效率高又具备普通管壳换热器在更高的温度和压力下使用的，可靠性高的焊接板式热交换器。在炼油、石化、化工、电力、冶金、制冷等行业，得到广泛应用。

HT-Bloc is a kind of welded plate heat exchanger with high heat transfer efficiency under high temp. and high pressure process. It is widely applied in oil refinery, petrochemical, chemical, power plant, metallurgy, refrigeration and other industries.

Features

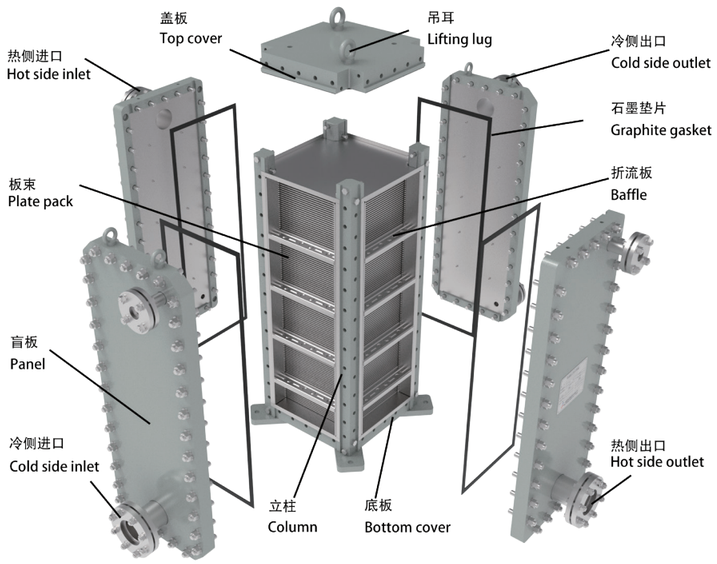
产品特点

传热效率是传统管壳式换热器的3-5倍；面对两侧介质流量比较大的工艺条件，也能得到良好的换热效率；灵活的流程设计，在提高流体湍流程度的同时，板片表面产生较大的壁面剪切力，有效延长设备结垢清洗周期。

板束板对间采用对接焊结构，避免缝隙腐蚀的发生；两侧可拆卸结构，便于清洗维护；结构紧凑，占地空间小。

The heat transfer efficiency of HT-Bloc is 3-5 times of shell & tube heat exchanger. Satisfactory heat transfer performance can be achieved for process with higher flow ratio between two fluids. Flexible pass design not only enhances flowing turbulence, but also generates large wall shear force on plate surface, extending cleaning cycle of the equipment.

Butt welding between plate pairs reduce the risk of crevice corrosion; Openable structure of frame plate make it easy for cleaning and maintenance.



Basic Parameters

基本参数

板片形式：波纹板、柱状板、窝状板
设计温度：-50~400℃
设计压力：真空~4.0MPa
换热面积：1 ~ 870m²
公称直径：DN 25 ~ DN1000
板片厚度：0.8~2.0mm
板片材质：奥氏不锈钢，双相不锈钢254SMO，钛及钛合金，镍及镍合金哈氏合金

Plate pattern: Chevron, Dimple, studded flat
Design Temp: -50~400℃
Design pressure: Vacuum~4.0MPa
Surface area: 1 ~870m²
Nominal dia.: DN25~DN1000
Plate thickness : 0.8~2.0mm
Plate material: austenitic steel, duplex steel, 254SMO, Ti and Ti alloy, Ni and Ni alloy.