

WeldPack®

**Welded Plate Heat
Exchanger**

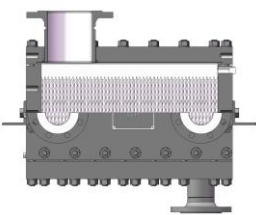


WeldPack[®] Welded Plate Heat Exchangers

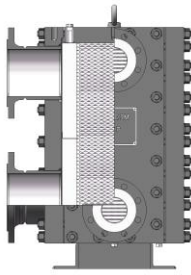
Vitherm WeldPack[®] welded plate heat exchanger is a compact solution to work in high operating pressures, and high or low operating temperatures.

Advantages of WeldPack[®] :

- no interplate gaskets
- accessible on both sides
- easier to access & easier to clean
- closer temperature approach possible
- compactness – very little space required
- lower capital cost
- low-maintenance
- fully welded by robot



Horizontal Unit



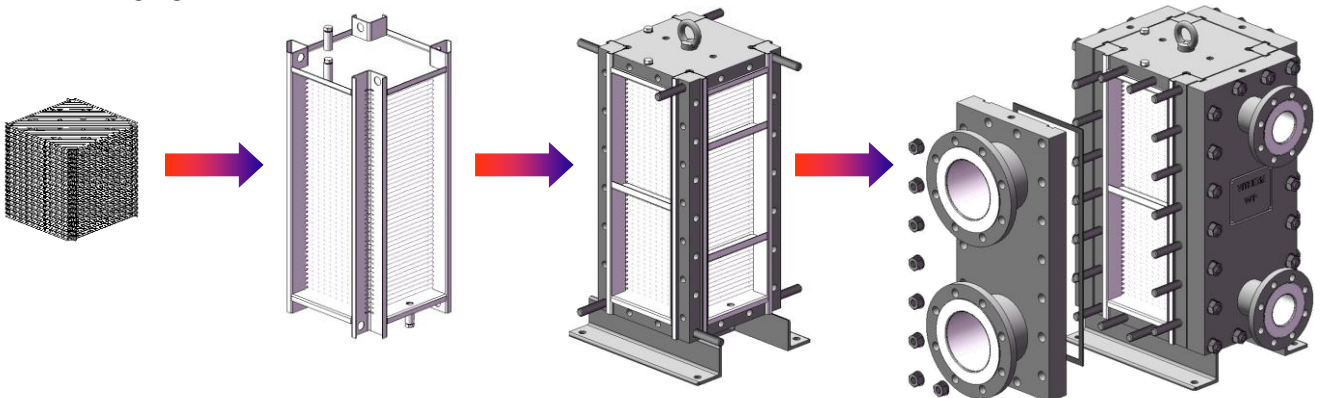
Vertical Unit



Available Materials:

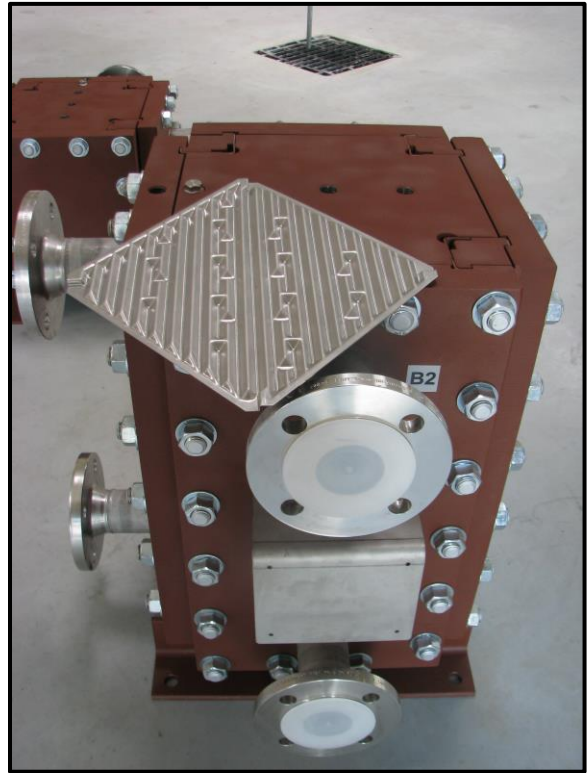
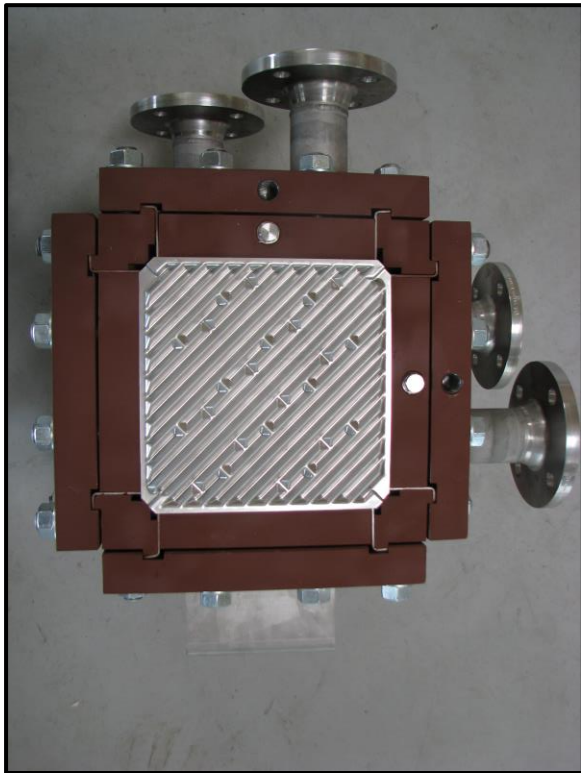
Any alloy that can be pressed & welded

- SS316L (Standard)
- Titanium & Titanium + 0.2 Pd.
- Hastelloy[®] C-2000, C-276, C-22, B2
- Avesta 254 SMO, 904L
- Nickel
- Uranus B-6
- Incoloy / Inconel
- Monel
- Tantalum



WeldPack® Welded Plate Heat Exchangers

MODEL	Min AREA (m ²)	Max AREA (m ²)
WP 20	2.40	6.10
WP 30	6.48	25.80
WP 50	27.00	81.00
WP 75	96.00	320.00
WP 150	383.00	1,534.00



Design Pressure: Vacuum / 41 barg

Design Temperature: - 40 ° C / 350 °C

APPLICATIONS :

- liquid - liquid
- condenser with or without sub-cooling
- condenser with or without inert
- reboiler
- steam heater

INDUSTRY SECTORS :

- Oil & Gas Industry
- Vegetable Oil Industry
- Chemical/Petrochemical Industry
- Pharmaceutical Industry

OTHER PRODUCTS :



Flowpack®
Gasketed Plate Heat Exchangers

Port Size: From 3/4" till 20"

Design Pressure: Vacuum / 20 - 25 barg

Design Temperature: -20 °C / 180 °C

Application:

- ✓ Marine Industry
- ✓ Chemical Industry
- ✓ HVAC Industry
- ✓ Oil & Gas Industry
- ✓ Food Industry



Thermoweld®
Plate & Shell
Heat Exchangers
(without gaskets between plates)

Design Pressure: Vacuum / 100 barg

Design Temperature: -200 °C / 900 °C

Application:

- ✓ Refrigeration System
- ✓ Thermal Oil System
- ✓ Chemical / Petrochemical

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