

BRONSWERK[®]
HEAT TRANSFER
Dynamic Heat Exchange Solutions



Shell & Tube Heat Exchangers

www.bronswerk.cz

Our solutions cover the oil and gas industry, power generation, waste heat, gas storage and transport, liquefying of industrial gases, etc. **Bronswerk®** Heat Transfer is well experienced in the design and manufacture of Heat Exchangers with all kinds of special materials according to international standards. **Bronswerk®**'s solutions can satisfy many requirements, such as high pressure, corrosive environments, temperatures range from -196 °C up to more than 500 °C.

Technical parameters and important details:

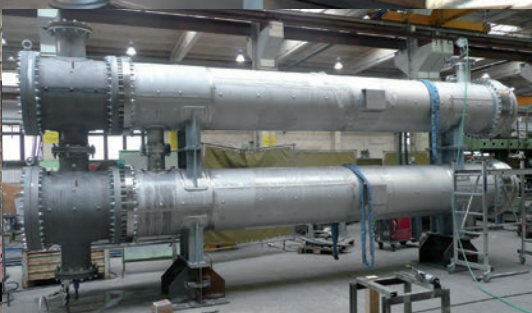
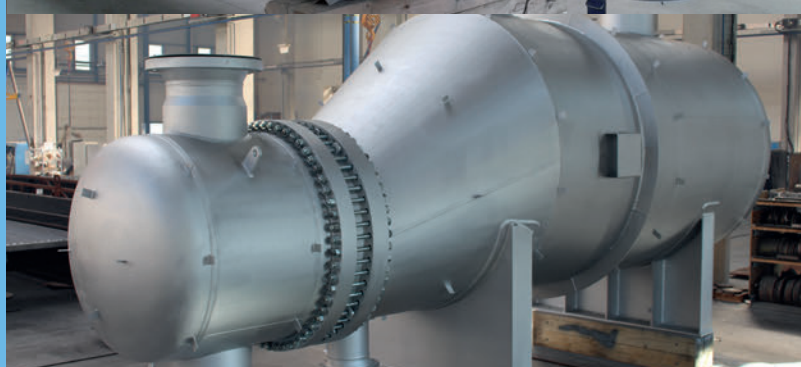
- Weight up to 80 tons
- Length up to 16 m
- Minimum tube diameter 12 mm
- Diameter up to 3,5 m





Materials:





- Carbon Steel
- Stainless Steel
- Duplex Steel
- Special Alloys (mainly 825 and 625)
- Copper
- Brass
- Titanium
- Weld-Overlay (cladding) of internal space of headers combining carbon steel and high alloyed materials

Design of Shell & Tube Heat Exchangers according to Standards:

- TEMA RCB
- HEI
- HTRI/ HTFS thermal calculation
- API 660
- Special design - Bayonet Type
- Upon request, CFD possible



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