



WKG Surface Condenser Systems

OELTECHNIK has designed, engineered, tested and continuously improved its surface condenser product in response to the needs of the turbo machinery equipment manufacture.

OELTECHNIK has supplied surface condenser systems to the international market for over 30 years. Our in-house rating capabilities can be checked for HEI standard upon customer's request.

OELTECHNIK's surface condensers are in use worldwide. Our design and manufacturing capabilities cover all international design codes and national regulations. With us you can establish a world wide standard for your product since we have the knowledge, capability and certified authority to build pressure vessels to all international design codes and national regulations.

Typical Applications:

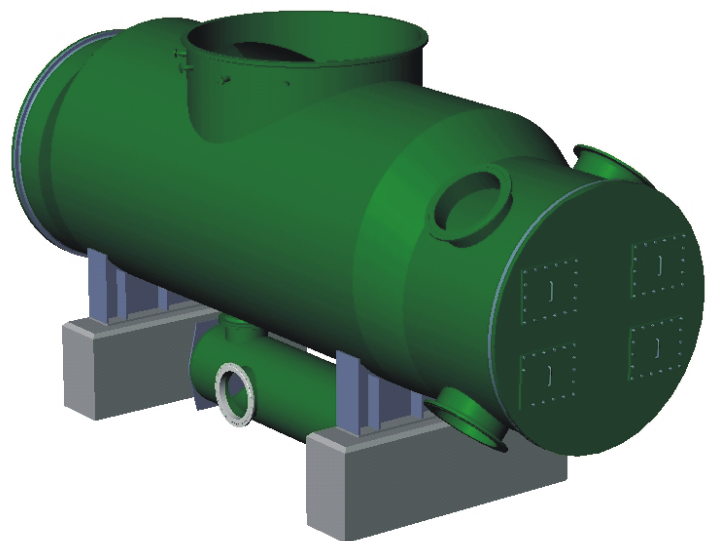
Power Generation Industry -
Chemical Industry
Marine applications

Materials:

Tubes: Admiralty, 90/10 CuNi,
70/30 CuNi, 304 SS, 316 SS,
Duplex, Titanium, Carbon Steel

Tube sheets: Carbon Steel, CS epoxy coated,
Stainless Steel, 70/30 CuNi,
90/10 CuNi solid and clad

Shell Side: Carbon Steel, Stainless Steel



Capabilities/Range of Application:

Maximum Flow Rate for Steam:	[10,000] m ³ /hr	[up to 2270] GPM
Design Pressure Shell Side:	[-1; 1] bara	[-14.5 ; 14.5] psia
Design Pressure Tube Side:	[-1; 5] bara	[-14.5 ; 72.5] psia
Maximum Diameter	[up to 3500] mm	[up to 138] inches

WKG Surface Condenser System includes:

- Evacuation unit (Steam ejector or vacuum pump)
- Inter-condenser
- Hot-well
- Condensate pump
- Safety valve steam side
- Gland Surface Condenser
- System Control Instrumentation (LIC, LI, LET)

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