OELTECHNIK®

..... the customer care company

Range of Products

OELTECHNIK provides engineered process equipment for the compressor-, chemical- and refinery industry. The headquarters is located with its 250 employees in Waghäusel, Germany, manufacturing on a shop floor of 15.000 m² under the roof.
The subsidiary OELTECHNIK France operates with its 60 employees in Munster (France), near Colmar. Our facility in Plauen is our youngest subsidiary with 70 employees and a shop area of 25.000 m².

OELTECHNIK's strength lies in the capability to execute all national and international design codes for pressure vessels from the engineering process to the manufacturing process. Our flexibility in design codes offers our costumers the opportunity to standardize their concepts for installation all around the world. Besides the code conform mechanical design calculation which is part of our documentation package, we allow only qualified code approved welders to perform the welding on pressure vessel parts.

The prerequisites for an optimum quality management are fulfilled at OELTECHNIK as planning, execution, documentation and monitoring combine to form an all-embracing system.

Current certifications: ISO 9001, ASME U-Stamp, ML-CHINA, KOREA-STAMP GHOST, IBR-Indien, HPGSL-Japan

EKE Enhanced Surface Element Cooler:

Application:	Inter- and aftercooling for compressed gases e.g. centrifugal compressors	
Capabilities:		
Design Pressure:	[2 - 90] barg	[29-1305] psig
Design Temp.:	[-25 - 200] °C	[-13 - 392] °F
Min. Flow Rate:	[~ 7000] Nm³/h	[~ 4120] scfm
Shell Diameter:	[560 - 3500] mm	[22 - 138] inch
Materials:	CS, SS, CuNi alloys, Titanium, cladded plates, Al and Cu fins.	

OIL CONSOLE Lube-,Seal-, & Control Oil System:

Application:	Compressor systems, off-gas expander, process pumps, steam turbines and gas turbines	
Capabilities:		
Max. Flow Lube Oil Sys.:	[~ 3600] l/min	[~ 952] GPM
Design Pressure:	[30] bar	[435] psi
Max. Flow Seal Oil Sys.:	[~ 250] l/min	[~ 66] GPM
Design Pressure:	[150] bar	[2176] psi
Materials:	Carbon Steel, Stainless Steel	
Scope:	Pumps, filter, accumulator, oil cooler, piping, reservoir, and instrumentation.	

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ZBW Air-cooled Heat Exchanger:

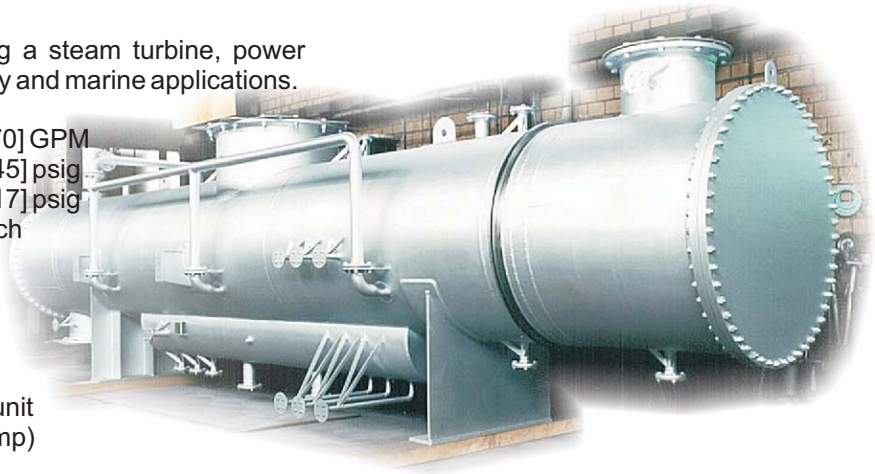
Application:	Cooling of liquid or gaseous fluids by ventilating ambient air over a high-fin tube surface.	
Capabilities:		
Max. Fan Dia.:	[~ 3500] mm	[~ 138] inch
Max. Bundle Width:	[~ 4000] mm	[~ 158] inch
Max. Bundle Length:	[~ 10000] mm	[~ 394] inch
Scope:	Bundle, headers, supporting structure, fan, motor, louver, plenum	

OK/LK Shell & Tube Heat Exchangers:

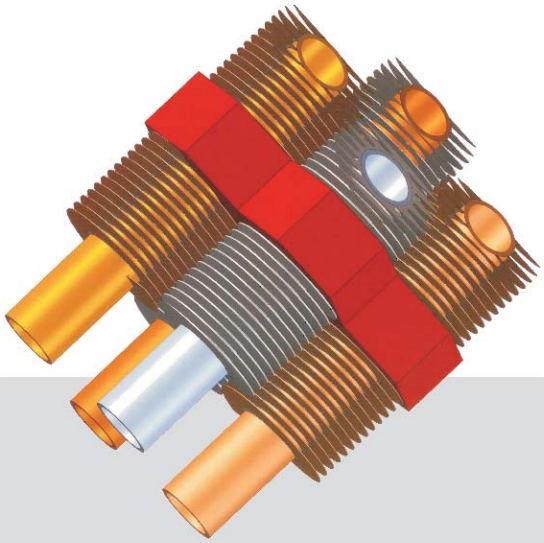
Application:	Cooling or heating for gases and liquids, e.g. Oil cooler, gas cooler, Pre-heater	
Capabilities:		
Design Pressure:	[2 - 250] barg	[29 - 3625] psig
Design Temp.:	[-25 - 350] °C	[-13 - 662] °F
Shell Diameter:	[80 - 4000] mm	[3 - 157] inch
Max. Weight:	[100] t	
Materials:	CS, SS, Duplex, Cu, Admirality, CuNi alloys, Titanium, cladded plates	
Scope:	Complete heat exchanger, external or internal mositure separator.	

WKG Surface Condenser System:

Application:	Condensing of steam exiting a steam turbine, power generation, chemical industry and marine applications.	
Capabilities:		
Max. Steam Flow Rate:	[10.000] m³/hr	[up to 2270] GPM
Shell Design Pressure:	[-1;10] barg	[-14.5 - 145] psig
Tube Design Pressure:	[-1;15] barg	[-14.5 - 217] psig
Maximum Diameter:	[~ 4000] mm	[~ 157] inch
Materials:	CS, SS, Duplex, Admirality, CuNi alloys, Titanium	
Scope:	Hot-well, Intercondenser, Safety valve steam side, gland condenser, instrumentation, evacuation unit (steam ejector or vacuum pump)	



OELTECHNIK has aquired high-fin tube fabrication capacities in the East of Germany, TUBETECH GMBH. This HF-tubing is a major component of our EKE Enhanced Surface Element Cooler and our ZBW Air-Cooled Heat Exchanger. TUBETECH GMBH´s product line is not limited to the HF-tubing shown below.



HFT High-Fin Tubing:

Tube Types:	Spiral-Wound Wrapped HF, Bi-Metallic HF
Fin Types:	I-Fin, G-Fin, L-Fin, E-Fin
Fin Material:	Al, Cu , CS
Tube Material:	Cu, CuNi Alloy, Admirality, SS, CS, Duplex