

Apparatebau
Heat Exchangers



Supplier's Portrait

Apparatebau Heat Exchangers



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General:

product-program: Tube-bundle-Heatexchanger, Pressure-Vessels,
Special-Apparatus, Production of Systems
founded in: 1966
locations: Hopfgarten / Austria
Dormagen / Germany
employees total: 90 (45 Hopfgarten, 45 Dormagen)
administration department: 30
production department: 60

Quality:

system of quality-management: ISO 9001:2000
first audit: 1996
last audit: 07.07.2003
validity: 06.07.2006
CE-marking : 2001
external inspection-companies.: TÜV, Infracerv, TÜB Bayer, TÜB BASF, A&O DSM,
Stoomwezen Holland, ISPESL Italien, ...
basis of lay-out-design: ÖWBV, AD-Mbl., BS 5500, ASME VIII Div.1, SELO
TEMA R, B, C, ...

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IT-equipment:

T-Plus, B-JAC, selfprovided programs
(heat-exchanger-design-programs)
Integrated administration-programs for technical- , sales- ,
buying- and administration-department
Autocad 2000

reporting:

detailed bar-diagrams of fabrication's status monthly
documents-controlling-system referring to ISO 9001

employees: (Hopfgarten)

technical department:	4 (2 engineers, 3 technicians)
sales department:	5 (3 engineers, 2 technicians)
buying department:	2 (1 engineer)
administration department:	4
production department:	35 (25 welders)

capacity:

Hopfgarten:	area of production 4000 m ² 60000 hours of fabrication / year
Dormagen:	area of production 1500 m ² 60000 hours of fabrication / year

plant utilisation:

Very good utilisation in both plants presently.
Pile of orders total approximately € 4,000.000.—

sizes of fabrication and weights:

cross section dimension:	up to 4000 mm
length:	up to 15000 mm
total weight:	up to 100 to
operating pressure:	up to 500 barü



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materials:

un-alloy-metals EN 10025
low-alloy-metals EN 10028-2 (P265GH, 16Mo3, ...)
fine-grain-steels EN 10028-3 (P355NL, ...)
CR-Ni-steels (1.4571, 1.4539, 1.4462, ...)
copper-alloys
pure-nickel and nickel-alloys
cladding with materials mentioned above

fluids:

freezing-fluids, refrigerant and loading-transfer-fluids, air, process-fluids, water, steam, oils,...

non-destructive-testing: (zerstörungsfrei)

x-ray
ultrasonic
magnetic-particle-test
liquid-penetrant-test
leak-test
helium-leak-test

machineries: (Hopfgarten)

indoor-cranes:	9 (up to 12 to)
swing-cranes :	3 (up to 2 to)
CNC-gas-cutting-machine:	1 (up to 150 mm wall-thickness)
Plasma-cutting-machines:	5 (up to 30 mm wall-thickness)
Orbital-welding-machines:	4
TIG-welding-machines:	14
MAG-welding-machines:	20
E-welding-machines:	20
UP-welding-tools:	1
tube-expanding-tools:	3
tube-bending-machines:	2
rolling bears:	40 (up to 50 to)
roll-up-machines:	7 (up to 16 mm wall-thickness)
cutting-machines:	12
special tools for heat-exchangers:	13
fork lifts:	2 (up to 7 to)
coating-/drying-boxes:	4

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sub-suppliers: (semi finished products)

plates :	Salzgitter, Wagner, Avesta, EHG, ...
tubes:	Robur, Fischer, Stinnes, Mertl, Bogner, Sandvik, ...
tube-plates:	in-plant production (Dormagen), Dalnodar, Sulzer, ...
flanges:	Brück, Kollmeder, Greifenberg, Stahl&Plastik, ...
heads:	Kollmeder, Weissthaller, Somepro, Slawinsky, ...
bolts:	Böllhoff, Schmidt, ...
gaskets:	Klinger Gebetsroither, Kempchen
welding addition:	Böhler, Avesta, ...