



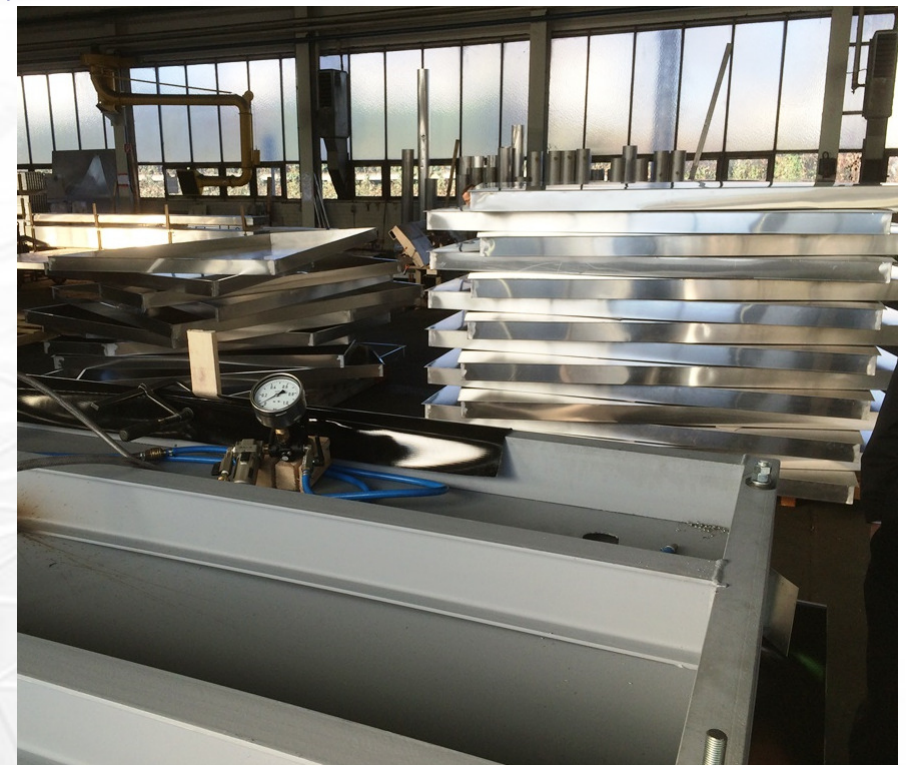
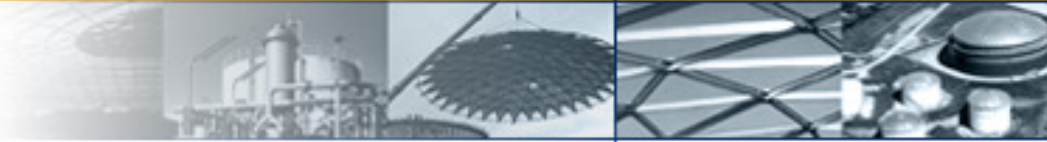
ahead of technology



VACONODECK AL FC QE²

VACONODECK AL FC

- Lightweight Aluminum Full Contact deck
- Up to 400% reserve buoyancy
- According to API 650 App. H, 2.2 f
- Metallic sandwich panel
- **Each** floater is individually pressure tested in the factory

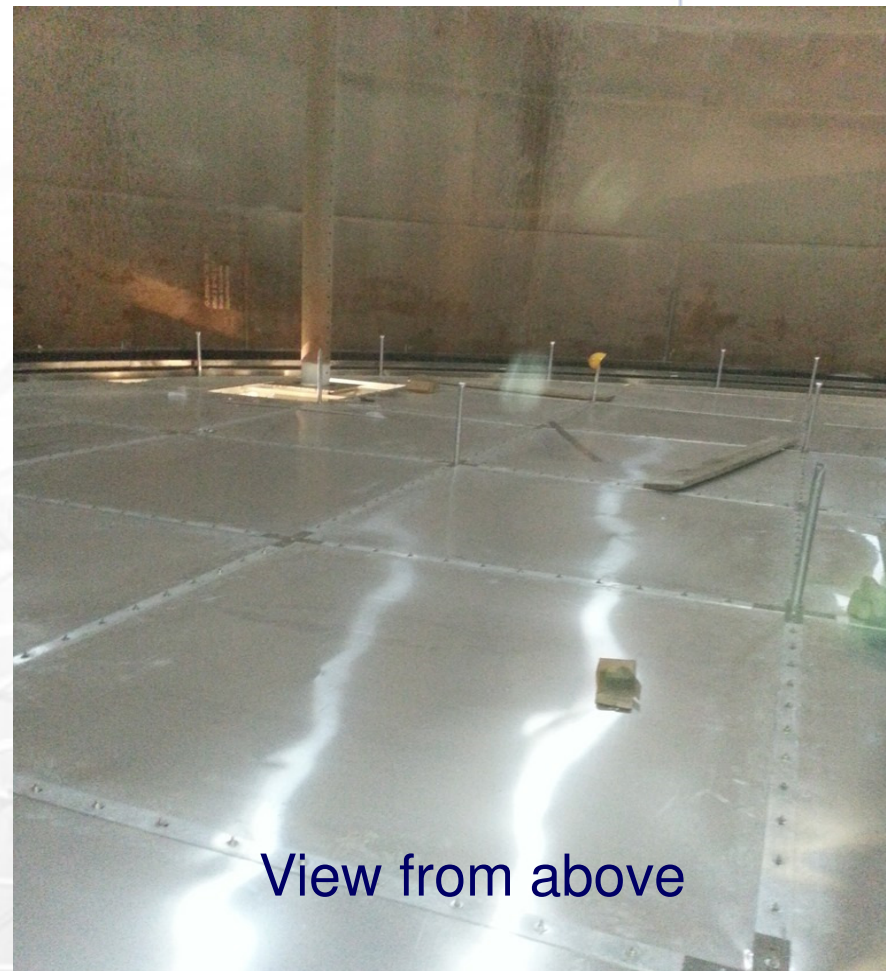


Extremely High Emission Efficiency

- Highest vapor efficiency of all non-welded FC decks



View from below



View from above

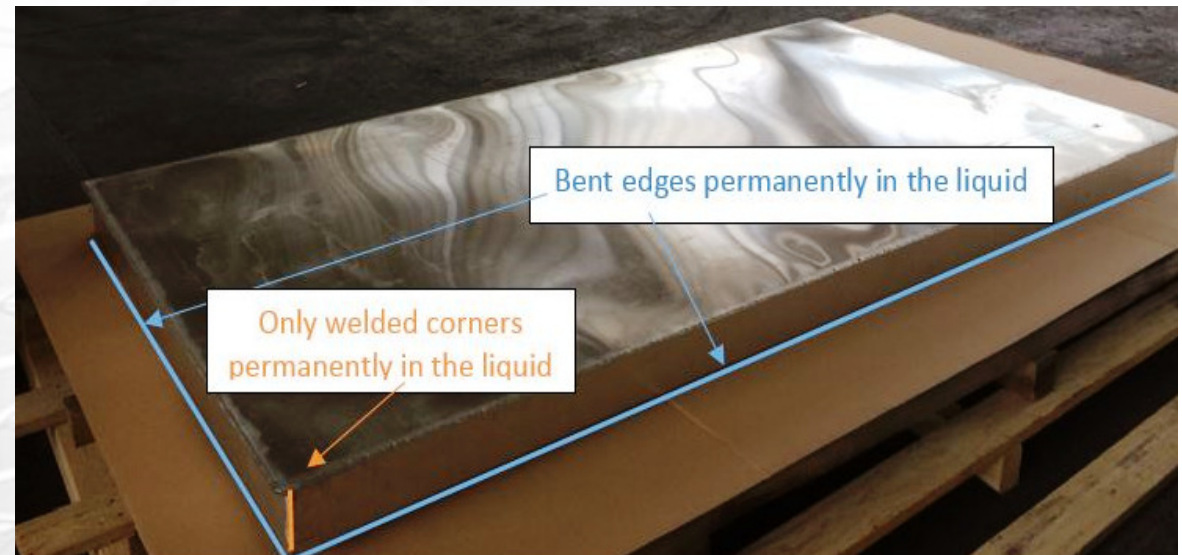
Extremely High Emission Efficiency

- Extremely reduced clamped seam length:
 - 84m deck with 5500 sqm deck surface
 - Comp. design with 1000x2500mm panels: 7700 m of seam between panels (=1,4m/sqm)
 - Vacono AL FC: 6500m of seam with metal to metal clamp bar (=30% less)
- Highest vapor efficiency of all non-welded Full Contact decks.



99% weld seam reduction

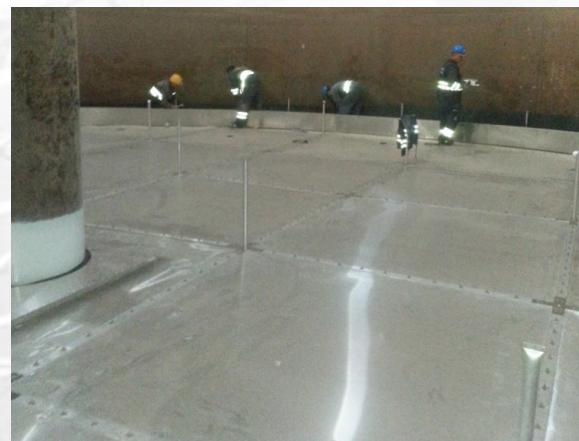
- Only vertical corner welds of 4x100mm, out of which only 4x12,5mm=50mm in the product.
(Compared to full circumferential weld in comp. design of approx. 9,000mm)
- Therefore, only typical completion design has 180 times more weld seam in the product!



Comprehensive design requirements

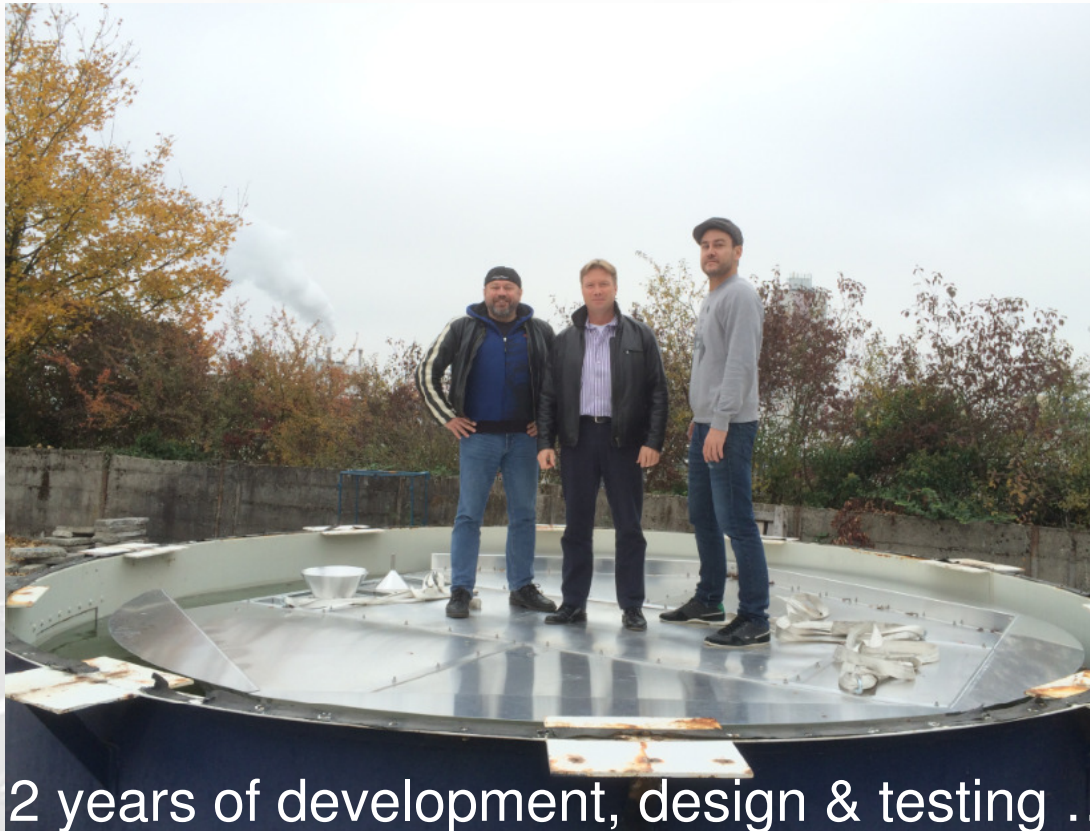
- Flotation compartments 2,25m x 2,25m x 0,1m
Optimized for the:

- Fabrication & testing
- Loading & transportation
- Installation time & accuracy
- Reliable operation



Light but strong design

- Very lightweight (approx 8 kg/sqm) but strong for installation and operation



All Support Options



Fixed legs



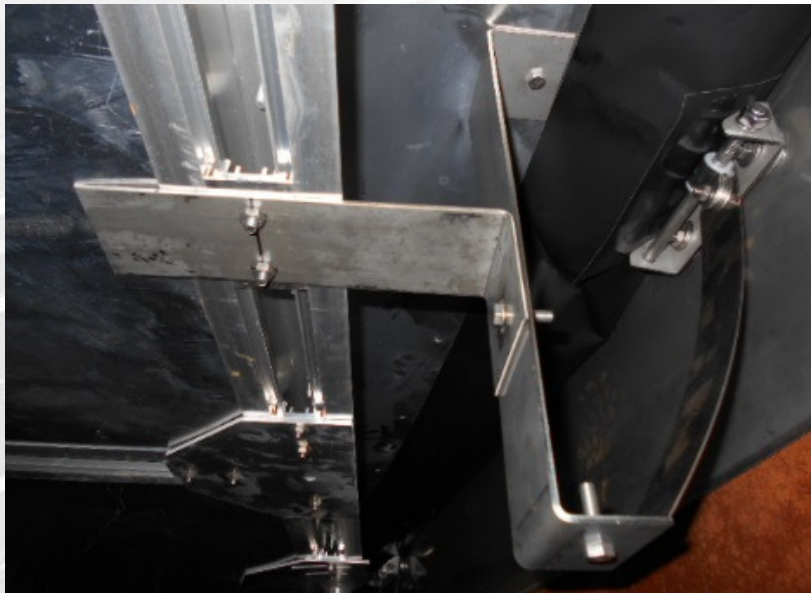
Adjustable legs



Cable / chain suspended

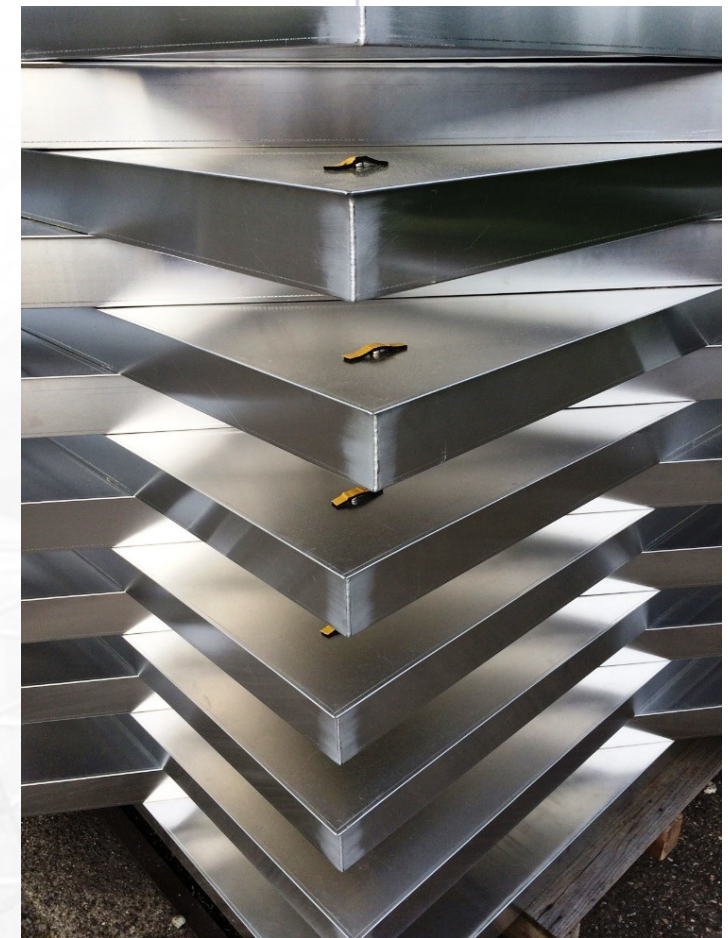
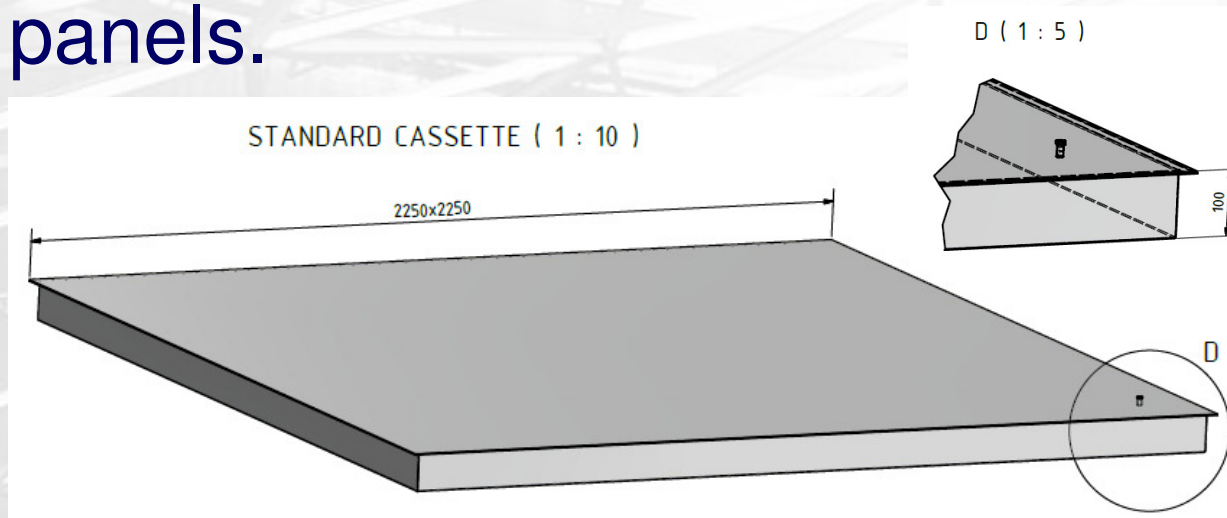
For all seal types

- Liquid mounted or vapor mounted
- Primary & secondary seal
- Mechanical shoe seal, wiper seals, etc.



Test-fitting

- Test fitting regarding API 650 App. H.4.1.7
- Vacono's design to avoid the rest of the risk of possible combustible gas in case of a leakage in the mayor arrangement of honeycomb panels.



Appurtenances

- Consideration of all appurtenances in the structure of the Aluminium Full Contact IFR

- Foam dam
- Man hole
- Vents
- Gauging funnels
- Etc.



All in-house fabrication

- Up to 75% less flotation compartments compared to comp. design allows best-in-class installation time
- All parts prefabricated in VACONO workshop for best Quality control



Plasma cutter production line

Easy & safe installation

- Can be installed without scaffolding by crews trained to install skin and pontoon decks
- Only small and relatively unskilled crew necessary for installation



At Vacono training center



On site

Trust Vacono



GERMAN QUALITY WORLDWIDE
40 Years  **VACONO**
ahead of technology



- Vacono´s high end pre-fabricated IFR so called AL-FC QE², Aluminium Full Contact with Quick assembly, high Quality of installation, Efficiency in the use of material and Excellence in operation.
- 40 years of know how
- Best Quality
- Reliable Service
- Supervision experience in all continents
- Family owned company
- Your trustable business partner

