Cryogenic and Vacuum Systems

Bilfinger Noell develops and manufactures custom made cryostats, vacuum vessels and complex structures and assemblies to ensure the optimal implementation and outcome of your project.

Bilfinger Noell can provide the entire production chain starting from the calculation and design to the manufacturing and commissioning of the products. At an early stage of your project, we offer consultancy to support you concerning questions about the feasibility, the design and fabrication issues.

We offer a wide portfolio range from a 1.5 m long flexible cryogenic UHV beam tube to a 13 m, 60 t test chamber for Paschen Testing and superconducting full current test of the ITER CS modules.
References

- Final Test Chamber for ITER CS
- Multifunctional Cold-Test Facility for ITER TF
- ColdDiag Cryogenic Diagnostic System
- Cryogenic Beampipe with Variable Gap