

## KGS – TVAC8

**Thermal-Vacuum vessel with a clear working space of 8 m diameter and 9,4 m length**

Prime contractor :

KGS Space Technologies, Kazakhstan

Description :

Design, assembly in workshop, transport, on site installation and acceptance testing, including CCS & HMI

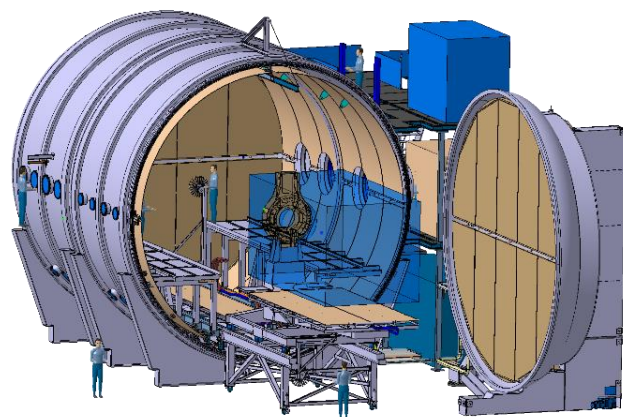
Performances :

Vacuum :  $<1 \cdot 10^{-6}$  mbar in 10h

Thermal : System with 7+1 lines, Temperature range from 100K to 400K with a 15 kW thermal load

Satellite I/F :  $\pm 5^\circ$  Tip/Tilt for a SWL of 6000 kg, on a mobile trolley

Place of installation: Nur-Sultan, Kazakhstan



Design



On site Installation



Manufacturing



Satellite I/F Installation



Assembly in workshop



Both TVAC installed in the clean room



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