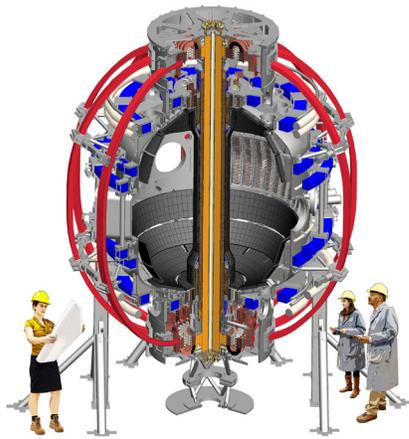


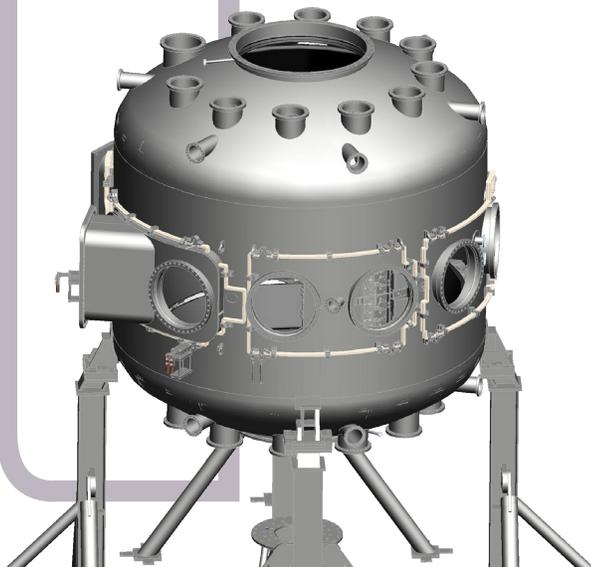
# Components of the NSTX-U



**Height and weight of whole machine:**  
23.3 feet,  
85 tons

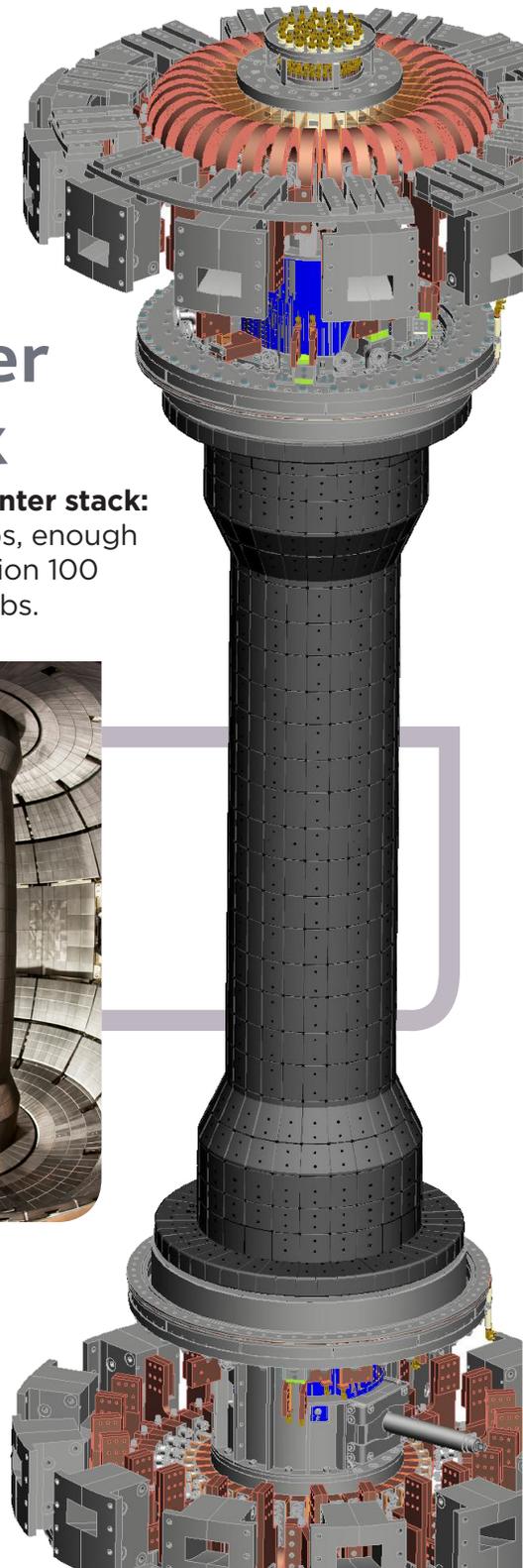
## Vacuum Vessel

**Overall diameter and vacuum vessel diameter:**  
16.6 feet, 11.2 feet



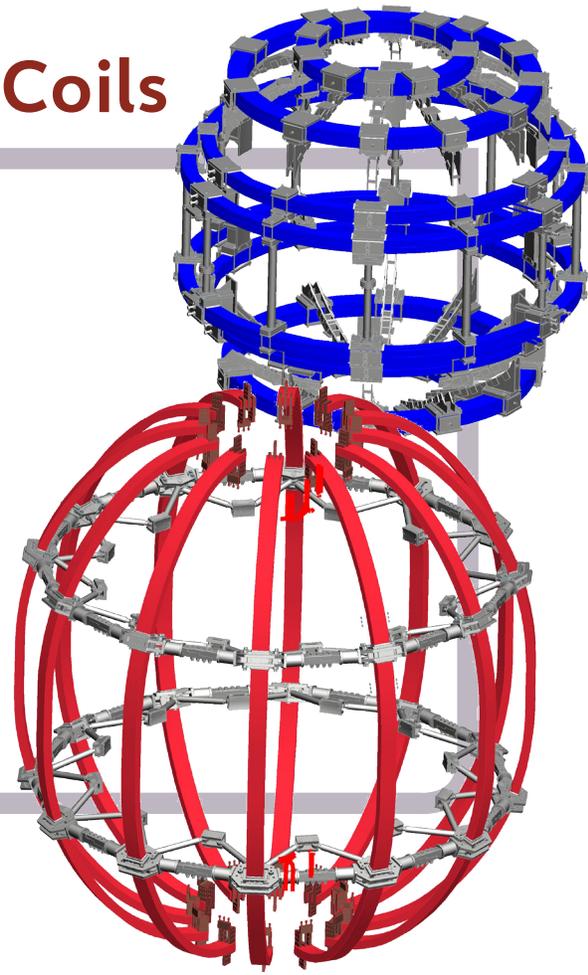
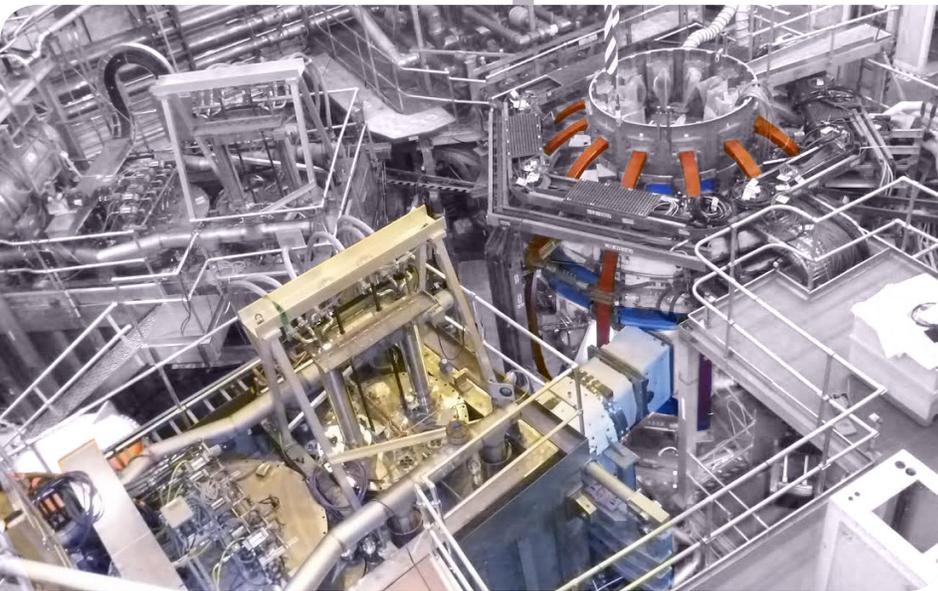
## Center Stack

**Current in center stack:**  
2 million amps, enough  
to light 2 million 100  
watt light bulbs.



# Poloidal Coils and Toroidal Coils

**Magnetic field strength:**  
1 tesla, or 20,000 times  
the strength of the Earth's  
magnetic field



## Neutral Beam

**Heating power:**  
10 million amps,  
enough to produce  
plasma temperatures  
far hotter than the 15  
million degree Celsius  
core of the sun.

