

# SiD Assembly Scenarios

- Special thanks to Greg Stewart for the animations.

## Comments and Caveats

We have made animations of the two extreme cases with the-

- Maximal surface assembly
- Minimal surface assembly

In all cases, we assume that the subsystem segments, ranging from the coil to the calorimeter segments to the iron - are built elsewhere. We are aware that many pieces are sufficiently heavy to make long range transport problematic.

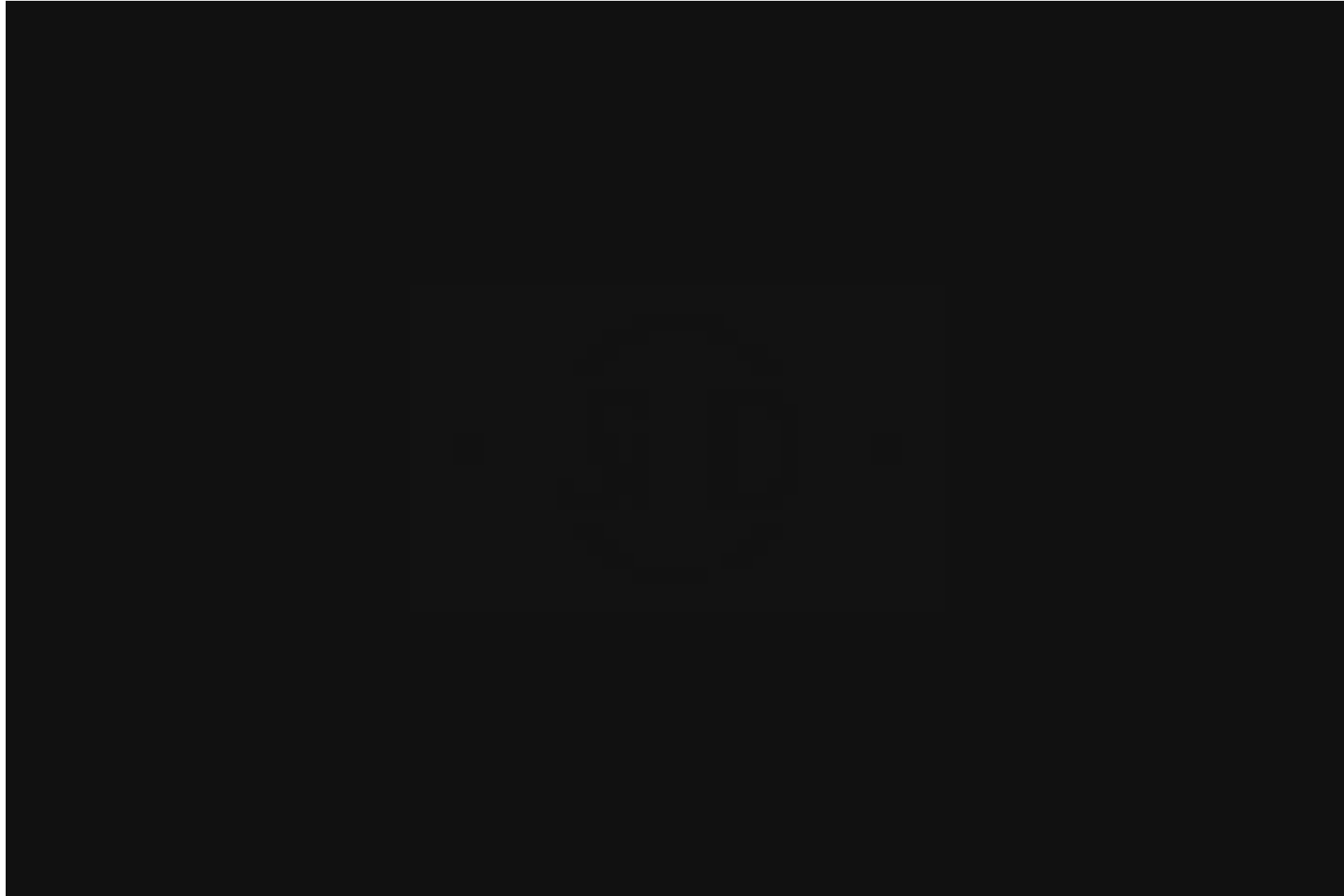
We assume that the iron has been test assembled, probably by the manufacturer.

The animations "assume" rigging fixtures that do not exist except in the imagination of the animator!

# Maximal Surface Assembly



# Minimal Surface Assembly



## Comments

- This is not intended to be an argument for or against substantial surface assembly beyond the major components.
- It may be useful input to a cost optimization.
- The optimization may depend on the geology and the schedule of the hall.