

**FIGURE 1** | **2D and 3D models of the proposed system.**  
The figure shows a 2D schematic of the system layout and a 3D perspective view of the same system. The 2D schematic includes labels for various components such as 'Sensors', 'Control Unit', 'Actuator', and 'Structure'. The 3D model shows a complex mechanical assembly with various parts and connections.

