I need to analyze the provided machine data to identify and correct the flaws. ...

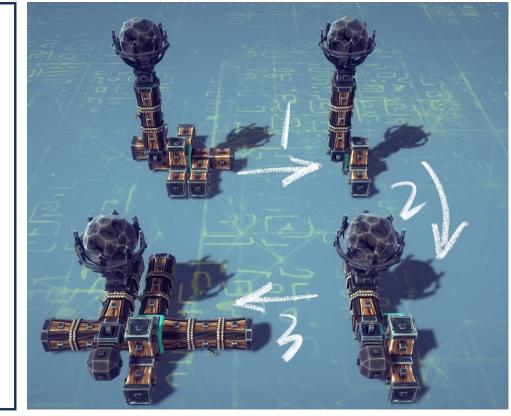
Analysis of Defects:

- Severe Structural Imbalance. The machine has a tiny support base (1, 2, 3, 4, 5). The long arm with the heavy Boulder 12 will create a large torque, causing the
- machine to tip over backward (towards z-). ...
- Incorrect Pivot Orientation. The block 9 spins the arm horizontally. ...Let's check the current setup: ...Rotation around the x-axis causes a swing in the y-z plane... However, the Log 10 is attached to the 'Up' face of the pivot. This means the arm starts pointing straight up, which is ineffective for a throw. ...
- Improper Container Setup. After moving the arm, I must also move the
- Container 11 to an 'Up' attachable face on the Log 10 to make it face upward y+again. The Log 10 has several 'Up' attachable faces; face_id 8 is a suitable choice.

Consolidated Modification Plan:

- 1. Remove Old Base: Remove blocks [3], [4], and [6] first, then remove their parents [1], [2], and [5].
- 2. Reposition Arm And Container: Move Log [10] from Rotating Block [9]'s face_id: 3 (Up) to face_id: 2 (Right). Move Container [11] from Log [10]'s face_id: 0 (Front) to face_id: 8 (Up). And Add a Ballast [35] to Rotating Block [9] at
- face_id: 1 (Left).

 3. Build New Base: Add three Log [63] blocks to the Starting Block [0] at face_id: 1 (Back), face id: 2 (Left), and face id: 3 (Right).



(a) Gemini 2.5 Pro CoT

(b) Modification Steps