



This diagram illustrates the mechanical configuration of the system, showing the interaction between the shaft, the horizontal component, and the base structure.

Description of the Mechanical Components and their Assembly

The assembly consists of several key components: a central shaft, a horizontal component, a rectangular box, and a base structure. The shaft is supported by bearings and is connected to the horizontal component, which in turn is linked to the rectangular box.

The horizontal component is a critical part of the mechanism, responsible for transmitting motion and force between the shaft and the rectangular box. The rectangular box contains a circular element, which may be a flywheel or a pulley, depending on the application.

The base structure provides a stable foundation for the entire assembly. It includes a large rectangular block and several horizontal bars that support the shaft and the other components. The base is designed to minimize vibration and ensure precise operation.

The following table provides a detailed list of the components and their specifications.