



Figure 1: Schematic diagram of a mechanical assembly showing a vertical shaft, a horizontal shaft, a flywheel, and a belt drive system.

The diagram illustrates the mechanical components and their arrangement. The vertical shaft is connected to the horizontal shaft through a coupling. The flywheel is mounted on the horizontal shaft to store rotational energy. The belt drive system consists of a large pulley on the horizontal shaft and a smaller pulley on a vertical shaft below it, connected by a belt.

The assembly is supported by a base. The vertical shaft is fixed to the base, and the horizontal shaft is supported by bearings. The belt drive system is used to transmit power from the horizontal shaft to the vertical shaft.

The diagram shows the following components: a vertical shaft, a horizontal shaft, a flywheel, a belt drive system, and a base.

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