

PULLEY



A pulley is a simple machine consisting of a grooved wheel mounted on an axle or shaft, and it may have a rope, cable, or belt running along the groove. Pulleys are used to change the direction of an applied force, transmit rotational motion, or provide mechanical advantage in lifting heavy loads. They are a fundamental part of many systems, ranging from simple machines to complex industrial applications. There are several types of pulleys, including fixed, movable, and compound pulleys.

Here's a brief overview of different types of pulleys:

1.Fixed Pulley:

2.Movable Pulley:

3.Compound Pulley: