



Block and tackle pulley

A block (pulley) is a wheel on a shaft inside a case used for lifting objects or changing the direction of effort. Block and tackle means using multiple pulleys, one fixed and the other moving to create a mechanical advantage.

To assemble the block and tackle, place the pulleys on a flat surface, one above the other, with the small wheels facing each other.

1. Attach the rope to the bottom of the top pulley (A).
2. Wrap the rope around the small wheel of the lower pulley (B).
3. Wrap the rope around the small wheel of the top pulley (C).
4. Wrap the rope around the large wheel of the bottom pulley (D).
5. Wrap the rope around the large wheel of the top pulley (E).
6. Pull in the direction of the arrow.