Product name:	Product code:
Wheel And Axle Apparatus	APE-0028



Description

Wheel And Axle Apparatus

Technical specification

The model demonstrates the conditions of equilibrium on a differential pulley block. Three anodised aluminium pulleys of different diameter are fitted to a shaft mounted on ball bearings. The forces act, on the one hand, directly on the peripheral of the largest pulley, on the other hand, via a loose pulley on two smaller pulleys. Easy to interchange weights permit the load to be varied such that equilibrium is obtained. The model is intended for wall mounting.
Learning Objectives / Experiments
- Equilibrium of forces
- Equilibrium of moments
- Relationship between force reduction and cord travel

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