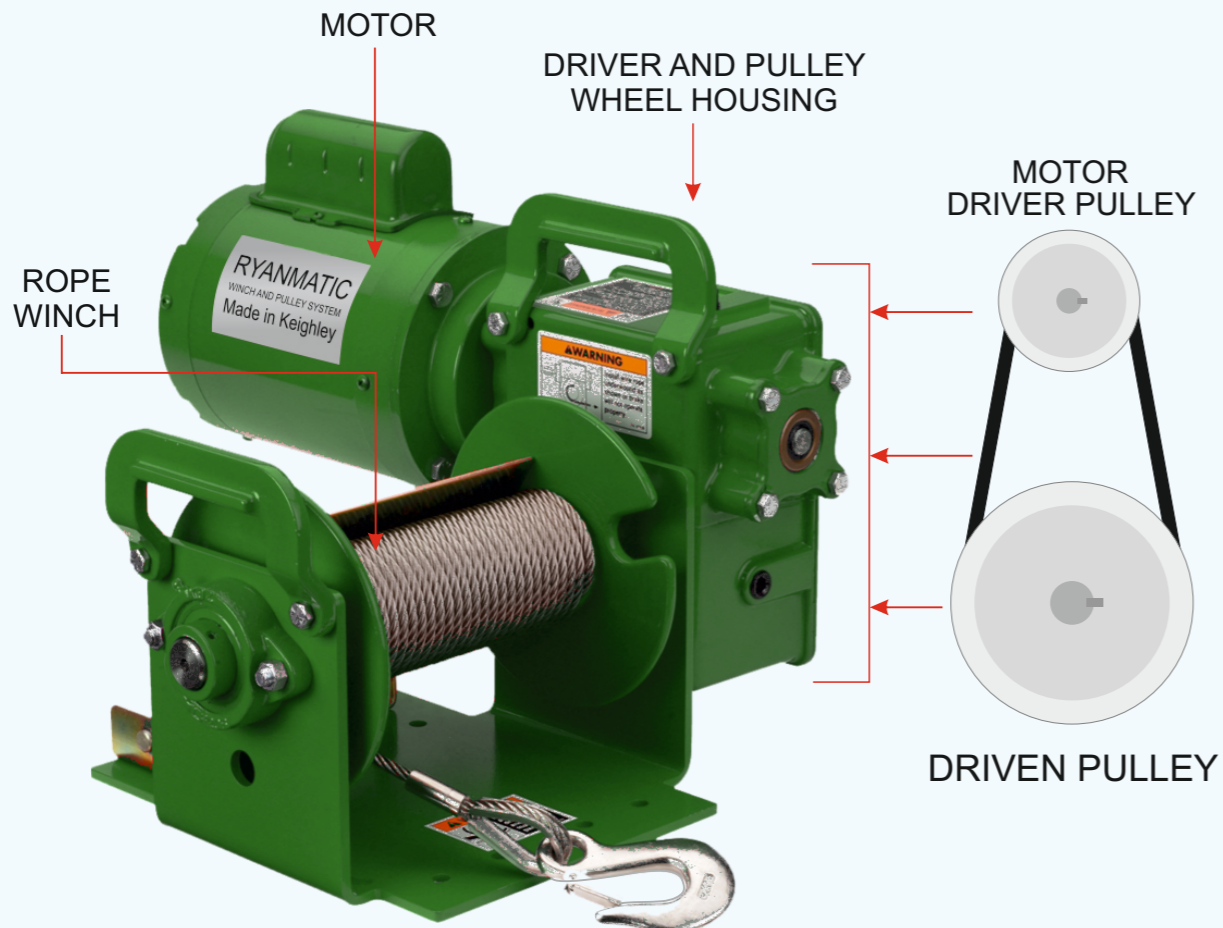


**PULLEY SYSTEMS ARE USED WHEN THERE IS A NEED TO TRANSMIT ROTARY MOTION. PULLEYS ARE USED TO CONTROL THE SPEED (RPM) AND DIRECTION OF ROTATION (CLOCKWISE/ANTICLOCKWISE). PULLEY SYSTEMS ARE USED TO HELP LIFT HEAVY LOADS**

### KEY TERMS

**MECHANICAL ADVANTAGE  
VELOCITY RATIO  
LOAD and EFFORT  
DRIVER and DRIVEN**

### PRACTICAL APPLICATION



### PULLEY SYSTEMS - REVERSING ROTATION

