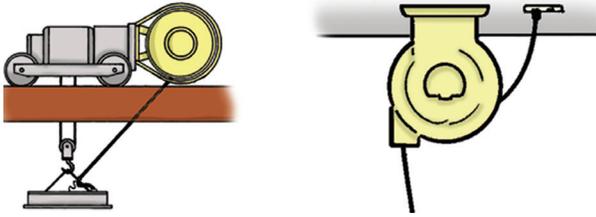


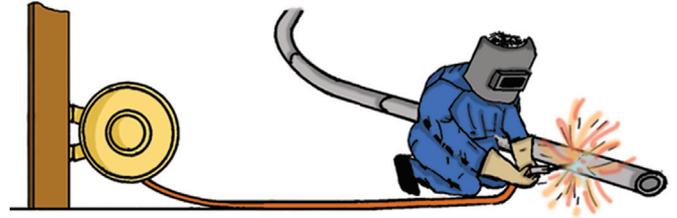
KH's team of trained temporary power professionals will guide you through the processes of selecting the proper reel for your application and environment. The following are some requirements that involve selecting the correct retractable power cord reel.

LIFT



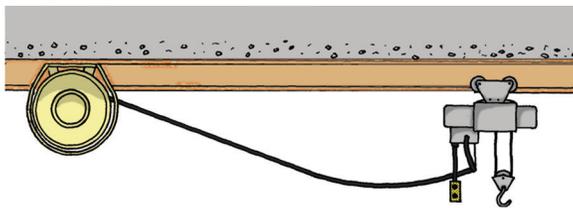
LIFT application: The reel needs to "lift" the cable vertically. Typically the reel is stationary and cable is pulled out by machine or hand, as with a pendant station or overhead light source.

DRAG



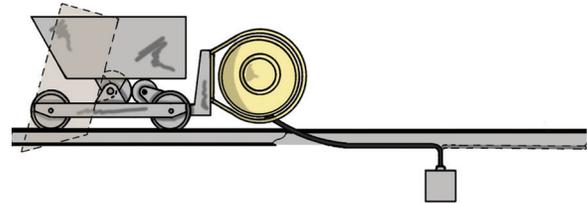
DRAG application: The reel needs to "drag" the cable through supports or on the ground horizontally. The reel is usually stationary and cable is pulled out by machine or hand.

STRETCH



STRETCH application: The cable is "stretched" horizontally and is unsupported. The reel may be stationary mounted or mounted to moving equipment. Cable is pulled out by machine. Note: An extra 10% in cable beyond active travel is required for cable sag.

RETRIEVE



RETRIEVE application: The reel needs to pickup "retrieve" the cable. The reel is mounted on moving equipment and cable is pulled out by a machine.

COMPONENTS OF A CABLE REEL AND DEFINITIONS

Spring Motor: Motor which provides power to retract cable.

Spool: Composed of a drum and two flanges.

Slip Ring: Transfers power from the stationary feed to the cable on the rotating spool.

Roller Guide: Guides the cable during payout and rewind.

Active Length: The difference between the minimum payout and the maximum payout of cable.

Safety Wrap: Cable that stays on the reel at the maximum payout of cable.

Sag Factor: The effect of gravity on actual travel length during stretch applications (10%).

Lift Height: The distance between where the cable lays to the center line of spool.

Payout: Pulling cable out of the reel.

