



Application Worksheet

Proposal number: _____

Submitted By: _____

Submitted on: / /

Response requested by: / /

Distributor: _____

Customer: _____

Contact: _____

Address: _____

City: _____

State: _____

Zip Code: _____

Country: _____

Phone: _____

Fax: _____

Project Name / ID: _____

Project time frame: _____

New Application

Replace existing (make / model): _____

Quote required by: / /

Description of application: _____

1 HOIST FOR LIFTING (or pulling applications requiring a brake for lowering)

First layer line pull (lbs.): _____

Top layer line pull (lbs.): _____

2 WINCH FOR PULLING (in one direction)

First layer line pull (lbs.): _____

Top layer line pull (lbs.): _____

If line pull is to be estimated, provide a full description of what is being pulled: _____

Describe how the load is pulled and what it is being pulled on: _____

Additional requirements: _____

3 LINE SPEED PERFORMANCE REQUIREMENTS

First layer line speed (fpm): _____

Approximate

Exact

Top layer line speed (fpm): _____

Approximate

Exact

Variable speed: From _____

fpm to _____

fpm

Approximate

Exact

Additional requirements: _____

4 LINE AND TRAVEL SPECIFICATIONS

Travel distance: _____

Check if single layer

Line capacity on drum: _____

feet of _____

diameter

Wire rope

Synthetic rope

Strap

Diameter of Flange (in.): _____

Diameter of Core (in.): _____

Length of Drum (in.): _____

Minimum D:d (drum diameter to wire rope diameter ratio): _____

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<p>Columbia Winches and Hoists Manufactured by Allied Power Products, Inc. 6590 SW Fallbrook Place, Beaverton, OR 97008 Phone 503-626-0654 • Fax 503-646-1996 sales@alliedpower.com • www.columbiawinch.com</p>	<p>Rep contact:</p>
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5 POWER SOURCE

Electric AC DC Volts: Amps: Phase: Cycle: Hp Input:

Hydraulic Pressure (psi): Flow (gpm): Hp Input:

Pneumatic (air) Pressure (psi): Flow (cfm): Hp Input:

Self-contained / Mobile with input from: Gasoline engine Diesel Engine Electric motor

6 INSTALLATION ENVELOPE

Max. Length: Max. Width: Max. Height: Max. Weight:

Base mount Wall mount Ceiling mount Distance to first sheave:

7 ENVIRONMENT

Indoor Outdoor Marine Temp. Range: °F °C

Hazardous Class: Division: Group(s): Corrosive (describe):

Additional requirements:

8 DUTY CYCLE

Light (Less than 10 hrs/month) Moderate (10-50 hrs/month) Heavy (50-200 hrs/month)

Severe (200+ hrs/month or 50% of pulls greater than 70% of maximum line pull)

9 OPTIONS AND MODIFICATIONS

Brake Limit Switch Freespool Freefall Controls

Roller-Fairlead Slack line detection Torque limiting Grooved Drum Manual Override

Cable Tensioning AutoAdvance Line Spooler Trolley

Other:

10 ADDITIONAL INFORMATION

Please attach other pertinent information, and application details not covered by this form or use area below for a sketch.

Columbia Winches and Hoists
Manufactured by Allied Power Products, Inc.
6590 SW Fallbrook Place, Beaverton, OR 97008
Phone 503-626-0654 • Fax 503-646-1996
sales@alliedpower.com • www.columbiawinch.com

Rep contact: