

COLUMBIA

WINCHES & HOISTS

Manufactured by Allied Power Products, Inc.

PNEUMATIC WINCHES
UP TO 10,000 LBS. CAPACITY

WG
SERIES



STANDARD FEATURES

- Rated for winching
- Dependable vane motor
- Totally enclosed watertight components
- Automatic braking system
- Manual freespool
- Permanently lubed, 3-stage planetary geartrain
- Simple installation at any angle

Custom designs are available to meet your exact requirements for any lifting, pulling or positioning application with pneumatic, hydraulic, electric and self-contained power sources.

OPTIONS

- Winch mounted manual control valves
- Remote valve with pneumatic pendant
- Lagged, grooved and divided drums
- Cable tensioners
- Strap drum conversions
- AutoAdvance Line Spoolers
- I-Beam trolleys, Hammerhead systems
- Quick-mount brackets
- Wire rope, sheaves, snatch blocks and other rigging

CAUTION: The final determination as to the suitability of this product for any purpose is solely that of the user. Columbia products are not to be used to lift people or to lift anything over people.

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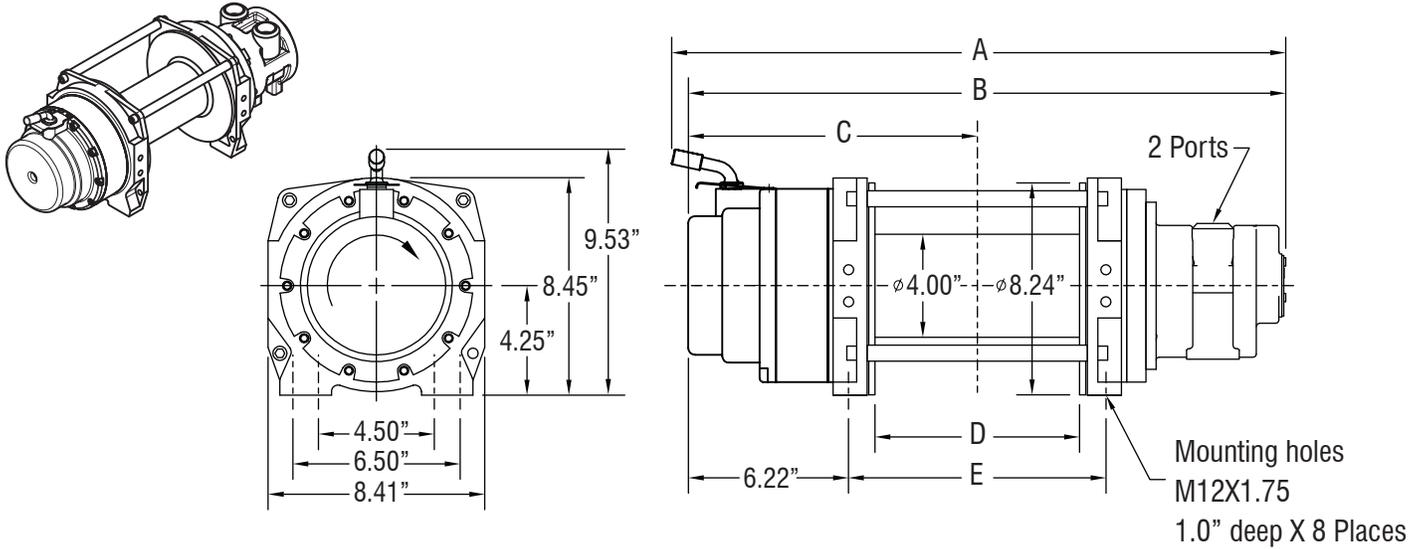
THE WINCH & HOIST SPECIALISTS

6590 SW FALLBROOK PLACE, BEAVERTON, OR 97008

(503) 626-0654 FAX (503) 646-1996

DIMENSIONAL DATA

All measurements are shown in inches.



Drum Size	Dimensions (Inches)									Typical Weight			Wire Rope Capacity			Motor	Port Size
	A			B			C	D	E	2.5 HP	4.25 HP	6.5 HP	1/4"	5/16"	3/8"		
	2.5 HP	4.25 HP	6.5 HP	2.5 HP	4.25 HP	6.5 HP											
-01	22.4	23.9	24.5	21.8	23.3	23.9	11.22	8.0	10.0	86 LBS	96 LBS	104 LBS	326'	228'	159'	2.5 HP	1/2" NPT
-02	24.4	25.9	26.5	25.3	25.3	25.9	12.22	10.0	12.0	89 LBS	99 LBS	107 LBS	407'	285'	198'	4.25 HP	3/4" NPT
-03	26.9	28.4	29.0	27.8	27.8	28.4	13.47	12.5	14.5	99 LBS	109 LBS	117 LBS	509'	356'	248'	6.5 HP	1" NPT

PERFORMANCE

Model	Motor HP	Power Input		Gear Ratio	Line Pull • Line Speed (Calculated)					
		PSI	SCFM		First Layer		Mean Drum		Full Drum	
					LBS	FPM	LBS	FPM	LBS	FPM
WG750-P	4.25	65	110	36:1	750	95.4	562	123.8	457	152.1
WG1600-P	6.5	75	190	36:1	1600	95.4	1206	123.8	981	152.1
WG2750-P	2.5	70	75	261:1	2750	17.6	2190	22.8	1782	28.0
WG5000-P	4.25	65	110	261:1	5000	13.2	3910	17.1	3182	21.0
WG10000-P	6.5	75	190	261:1	10000	13.0	7170	17.0	6270	21.0

Performance based on intermittent duty cycles.

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