To: _____ 1/

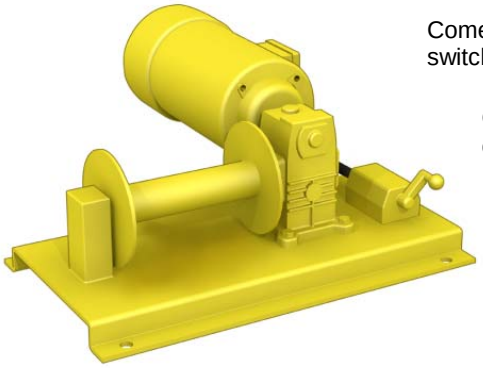
Attn: _____ City: _____ Reference: _____

Tel.: _____ Fax: _____ From: _____

Vulcan Winches

All steel construction. In-line mounting on request

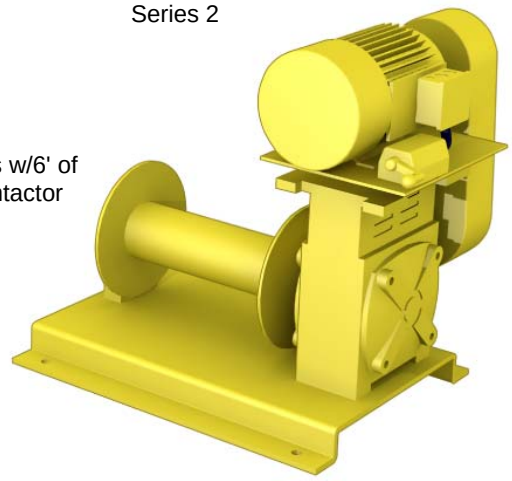
Series 1



Comes w/reversing switch & 6 inches of cable

On request: Push buttons w/6' of cable & control box w/contactor

Series 2



All available mounted on trolley: push, gear or electric

Oil bath gear reducer
Holds load in any position intermittent duty

Motor treatment against humidity or acidity or totally enclosed on request

115 or 230 volts 1 phase 60 cycles
220 or 440 or 575 volts 3 phase 60 cycles

Pulling is approx. 3 to 4 times the lifting capacity & will vary with friction, degree of incline & type of load.
But if load is on wheels, tension on cable is greatly reduced.
When a 20,000 lb railroad car on wheels runs on tracks, the tension on cable will be approx. 3000 lb. This 3000 lb now becomes the lifting capacity (tension on cable) and 20,000 lb is the pulling capacity. Capacities & speeds are based on 1 layer of cable & as layer is wound, capacities & speeds will increase or decrease by approx. 10%

Series 1 Model No.	Motor HP		Capacity & speed when drum Empty 15 fpm	Full 23 fpm	Height "	Floor space "	Drum length "	Weight approx. lb
30	1/2	Pull	1600 lb	720	10"	16 1/2 x 12 1/2"	4" or 8"	70
		Lift	400	180				
40	3/4	Pull	2400	1080	10"			75
		Lift	600	270		Drum & flange dia.		
50	1	Pull	4000	1800	11"			90
		Lift	1000	450		1 3/4 x 6"		

Series 2			15 fpm	34 fpm				lb
60	1 1/2	Pull	4000 lb	1800	20"	16 1/2	x 12 1/2"	155
		Lift	1000	450		23 1/2		
80	1 1/2	Pull	5400	2400	20 1/2"	16 1/2	x 12 1/2"	170
		Lift	1350	600		23 1/2		
100	2	Pull	7000	3160	26"	16 1/2	x 12 1/2"	220
		Lift	1750	790		23 1/2		
120	3	Pull	9400	4240	31"	19	x 21"	395
		Lift	2350	1060		25		
135	3	Pull	12000	5400	33"	20	x 21"	475
		Lift	3000	1360		27		
Drum & flange dia. 4" x 9"								

6" or 13"

All dimensions are approximate Specifications subject to change without notice
When inquiring, specify approx. cable length & size and if for **pulling** or **lifting**

All prices net Taxes/Transport extra

Delivery: _____ days approx. Prices firm 30 days

Split drum on request Drum length		Drum capacity when uniform winding 3/16"	1/4"	5/16"	3/8"
Series 1	4"	166	90	--	--
	8"	333	180	--	--
Series 2	6"	680	277	186	133
	13"	1125	600	400	288

Galvanized aircraft steel cable		Breaking point lb
7 x 19	3/16"	4200
7 x 19	1/4"	7000
7 x 19	5/16"	9800
7 x 19	3/8"	11000

On request :
Other dimensions & capacities
Speed range 9 to 75 FPM starting
Power cable, comes w/6 inches
Thermal overload protection
Magnetic disc brake is recommended for lifting, add 5 lb to weight.
With brake, control box & push button is required.
T.E.F.C. motor (totally enclosed fan cooled motor)
Weatherproof push button NEMA-4, standard button is humidity proof.

We do not assume responsibility for failure or delayin deliveries caused by strike, shortage in materials or due to any other circumstances beyond our control

Manufactured & assembled by : VULCAN HOIST CO. LTD 3435 CREMAZIE E MONTREAL QC H1Z 2J2
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