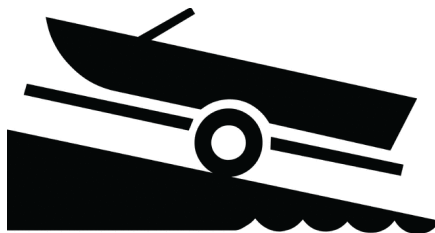


DUTTON-LAINSON STRONGARM ELECTRIC TRAILER WINCHES



SA SERIES

GUIDE TO ROLLING LOAD CAPACITY**							
Maximum weight in pounds and kilograms rolling load.							
MODEL	PERCENT INCLINE						LOAD CAPACITY
	5% (3°)	10% (6°)	20% (11°)	30% (17°)	50% (26°)	70% (35°)	
SA5000	10,000 lbs. 4,536 kg	7,500 lbs. 3,402 kg	5,100 lbs. 2,313 kg	3,900 lbs. 1,769 kg	2,700 lbs. 1,225 kg	2,200 lbs. 998 kg	1500 lbs. 680 kg
SA7000	14,600 lbs. 6,623 kg	11,000 lbs. 4,990 kg	7,400 lbs. 3,357 kg	5,700 lbs. 2,586 kg	4,000 lbs. 1,814 kg	3,300 lbs. 1,497 kg	2200 lbs. 998 kg
SA9000	20,000 lbs. 9,072 kg	15,000 lbs. 6,804 kg	10,200 lbs. 4,627 kg	7,700 lbs. 3,493 kg	5,500 lbs. 2,495 kg	4,500 lbs. 2,041 kg	3,000 lbs. 1,361 kg
SA12000	30,000 lbs. 13,608 kg	22,600 lbs. 10,251 kg	15,200 lbs. 6,895 kg	11,600 lbs. 5,262 kg	8,300 lbs. 3,765 kg	6,800 lbs. 3,084 kg	4,500 lbs. 2,041 kg

(*) Load capacity (dead weight) is a measure of actual maximum force to which the winch system may be subjected.

(**) All capacities shown are with 15' of cable on the reel and 10% rolling friction factor. For full reel of cable adjust capacities according to graph above. Note 5% incline is one-half foot rise in ten feet.

TW SERIES

GUIDE TO ROLLING LOAD CAPACITY**							
Maximum weight in pounds and kilograms rolling load.							
MODEL	PERCENT INCLINE						LOAD CAPACITY
	5% (3°)	10% (6°)	20% (11°)	30% (17°)	50% (26°)	70% (35°)	
TW4000	10,000 lbs. 4,536 kg	7,500 lbs. 3,402 kg	5,100 lbs. 2,313 kg	3,900 lbs. 1,769 kg	2,700 lbs. 1,225 kg	2,200 lbs. 998 kg	1500 lbs. 681 kg
TW9000	20,000 lbs. 9,072 kg	15,000 lbs. 6,804 kg	10,200 lbs. 4,627 kg	7,700 lbs. 3,493 kg	5,500 lbs. 2,495 kg	4,500 lbs. 2,041 kg	3,000 lbs. 1,362 kg

(**) All capacities shown are with 2' of strap on the reel and 10% rolling friction factor. For full reel of line adjust capacities according to graph above. Note 5% incline is one-half foot rise in ten feet.