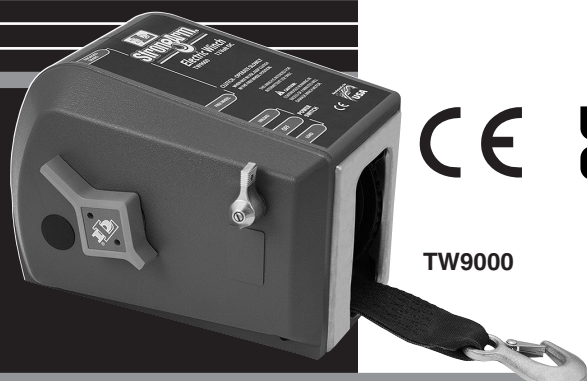


TW4000, TW4015, TW9000 & TW9015 OWNER'S MANUAL



StrongArm®

12 Volt DC ELECTRIC TRAILER WINCHES



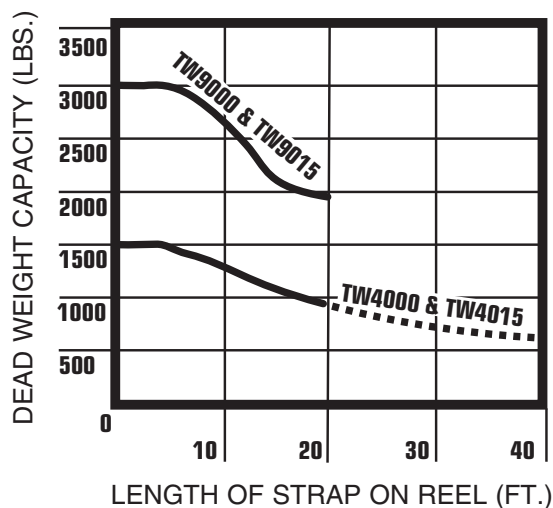
TW9000

⚠ WARNING: READ INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL, OPERATE OR SERVICE THE STRONGARM ELECTRIC WINCH. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN SERIOUS OR FATAL INJURY. RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

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WINCH RATINGS

ELECTRIC WINCH RATING



StrongArm TW electric trailer winches are manufactured for loading and unloading of boats, personal watercraft, vehicles, etc. The TW4000 & TW4015 winch features power-in, free wheel out and 20' of 2" wide strap. The TW9000 & TW9015 features power-in, power-out, free wheel and 20' of 2" wide strap. Note that as strap builds up on the reel, the pulling capacity of the winch decreases (see graph at left). For intermittent use only. Ratings at left are based on 6' pull. For longer pulls adequate motor cooling periods must be allowed.

TW4000 & TW4015-MAXIMUM CONTINUOUS RUN
TIME 3 MINUTES

TW9000 & TW9015-MAXIMUM CONTINUOUS RUN
TIME 4 MINUTES

⚠ CAUTION: CONTINUOUS RUNNING IN EXCESS OF 3 MINUTES (TW4000 & TW4015) AND 4 MINUTES (TW9000 & TW9015) WILL DAMAGE WINCH MOTOR.

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 TW4015	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
TW9000 TW9015	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

APPROXIMATE LOAD SPEED (FT./MIN.)

	NO LOAD		FULL LOAD	
	Full Reel	Empty Reel	Full Reel	Empty Reel
TW4000 TW4015	22	11	8.2	4.4
TW9000 TW9015	15	9	6.3	4.3

(**) 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.

TW series electric winches are built for trailer loading and other horizontal pulling applications. They are not to be used for lifting, supporting or transporting people or loads over areas where people could be present or for any vertical lifting or lowering applications.

ELECTRIC WINCH SERVICE CENTERS



These authorized centers will be able to supply parts and technical service on all StrongArm® Electric Winches
For warranty claims follow instruction given in "Limited Two Year Warranty."

DECLARATION OF CONFORMITY - Dutton-Lainson Company, Hastings, NE 68902-0729 U.S.A. manufactures and declares that the winch identified above fulfills all relevant provisions of the Directive 2006/42/EC, and Supply of Machinery (Safety) Regulations 2008. The technical file may be obtained from the persons listed below.

Hastings, NE USA

January 8, 2024

A handwritten signature in black ink, appearing to read 'Jeff Dolbin'.

Director of Engineering
Dutton-Lainson Company

Jack Singleton
Eurowarehouse BV
De Amstel 11
8253PC Dronten
The Netherlands

NOTES

WINCH MODEL NUMBER: _____ WINCH DATE CODE: _____

DATE PURCHASED: _____ (LOCATED INSIDE FRAME AT REAR)
