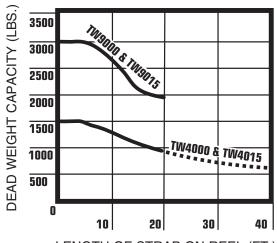


WINCH RATINGS

ELECTRIC WINCH RATING



9,072 kg

6,804 kg

LENGTH OF STRAP ON REEL (FT.)

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.

| Maximum weight in pounds and kilograms rolling load. | | | | | | | |
|--|-----------------|-------------|--------------|--------------|--------------|--------------|------------------|
| MODEL | PERCENT INCLINE | | | | | | |
| | 5% (3°) | 10% (6°) | 20% (11°) | 30% (17°) | 50% (26°) | 70% (35°) | LOAD CAPACITY |
| TW4000 | 10,000 lbs. | (- / | \ / | (* * / | / | , | |
| TW4015 | 4,536 kg | 3,402 kg | 2,313 kg | 1,769 kg | 1,225 kg | 998 kg | 680 kg |
| TW9000 | 20,000 lbs. | 15,000 lbs. | 10,200 lbs. | 7,700 lbs. | 5,500 lbs. | 4,500 lbs. | 3,000 lbs. |

GUIDE TO BOLLING LOAD CAPACITY**

| ioau. | | (F1./WIN.) | | | | | |
|------------------|------------------------|------------------|------|-------|-----------|-------|--|
| | | | NO I | LOAD | FULL LOAD | | |
| 0% | LOAD | | Full | Empty | Full | Empty | |
| 35°) | CAPACITY | | Reel | Reel | Reel | Reel | |
| 00 lbs. 18 kg | 1500 lbs. 680 kg | TW4000 TW4015 | 22 | 11 | 8.2 | 4.4 | |
| 00 lbs. 41 kg | 3,000 lbs. 1,361 kg | TW9000 TW9015 | 15 | 9 | 6.3 | 4.3 | |

APPROXIMATE LOAD SPEED

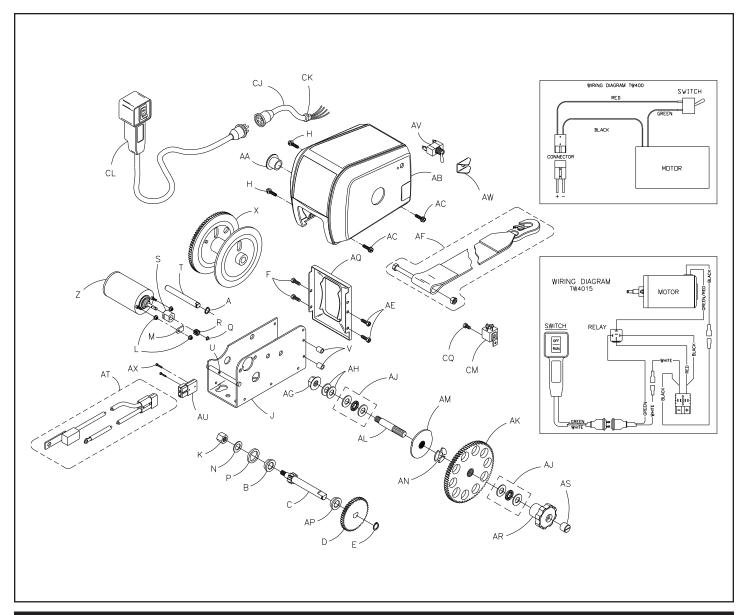
3,493 kg

2,495 kg

4,627 kg

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.

^(**) 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.

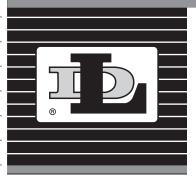


TW4000 & TW4015 PARTS LIST

Number

| Ref. | Part | Number | Ref. | Part | Number | Ref. | Part | Numb |
|------|--------------------|--------|------|--------------------------------|-----------|------|----------------------------------|---------|
| Α | Retaining Ring | 204468 | AA | Cover Plug | 206040 | CJ | Pigtail (TW4015) | 30623 |
| В | Bushing | 204006 | AB | Cover | 406154 | CK | Strain Relief Bushing (TW4015) | 20667 |
| С | Drive Shaft Assy | 304967 | AB | Cover (TW4015) | 406159 | CL | Switch Assy (TW4015) | 30623 |
| D | 56T Gear | 204703 | AC | Screw (2) | 205190 | CM | Relay (TW4015) | 20643 |
| Ε | Retaining Ring | 205191 | AE | Screw (2) | 205238 | CQ | Screw 10-32x1/4" (TW4015) | 20502 |
| F | Screw (2) | 205337 | AF | Strap 2" x 20' | 5242607 | | | |
| Н | Screw (2) | 205338 | AG | Locknut 7/16-20 | 205192 | To | order replacement parts conta | act: |
| J | Base | 406155 | AH | Washer (2) | 204360-PL | Dut | ton-Lainson Company | |
| K | Hex Nut | 406002 | AJ | Thrust Bearing Replacement Kir | t 5703194 | | ww:dlco.com | |
| L | Locknut 10-32 (3) | 205193 | AK | 120 Tooth Gear Assy | 306102 | | el: 800-569-6577 | |
| M | Stop | 404829 | AL | Clutch Stud | 404826 | | nx: 402-460-4612 | |
| N | Washer | 205109 | AM | | 306100 | | mail: DLsales@dutton-lainsor | com |
| Р | Washer | 203813 | AN | Finger Spring Washer | 205200 | 6-1 | maii. Desales & duttori-lairisoi | 1.00111 |
| Q | 'E'-Ring | 205135 | AP | Bushing | 204012 | | | |
| R | Motor Pinion | 206228 | AQ | Front Plate | 406136 | | | |
| S | Roller Clutch Assy | 304698 | AR | Knob | 206243 | | | |
| Τ | Reel Shaft | 404559 | AS | Slotted Nut | 404614 | | | |
| U | Base Spacer | 404557 | AT | Wiring Harness | 306225 | | | |
| V | Spacer (2) | 404562 | AU | Connector | 206055 | | | |
| Χ | Reel Assy | 304858 | AV | Toggle Switch | 206249 | | | |
| Ζ | Motor | 306224 | AW | Toggle Switch Guard | 404831 | | | |
| Ζ | Motor (TW4015) | 306235 | AX | Screw (2) | 204959 | | | |
| | | | AY | Top Decal (not shown) | 206675 | | | |
| | | | AY | Top Decal (not shown) (TW4015 | 5) 206667 | | | |
| | | | | | | | | |

ELECTRIC WINCH SERVICE CENTERS



StrongArm.

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

Director of Engineering
Dutton-Lainson Company

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

| NOTES | | | | | |
|-------------------------------------|--|--|--|--|--|
| WINCH MODEL NUMBER: DATE PURCHASED: | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |