

## Electric Winches

FOR 12 VOLT DC  
OR 120 VOLT AC



**SA9000AC**  
Single Line



**SA12000DC**  
With Pulley Block  
& Hook



- May be hand cranked if power supply fails.
- Quick plug-in power connector for speed, convenience and security.
- Two conveniently located controls for power-up, power-down, freewheel, controlled free load, and automatic locking.
- Automatic brakes for safe operation.
- High impact polyethylene case for protection of winch and operator.

**SPECIFICATIONS:**

- High-torque 12 volt DC motor is provided with 80 amp circuit-breaker overload protection. The electric switch harness uses #8 wire for maximum current carrying capacity. The harness has a 25 foot positive power cable and an 8 foot negative ground cable. The electric switch can be unplugged from the winch housing for storage.
- **STRONGARM** is also available with 120 volt AC motor and 10', 3-wire grounded power cord.
- Built-in 3 position switch control provides power in and power out. Winch motors are intended for intermittent use only.

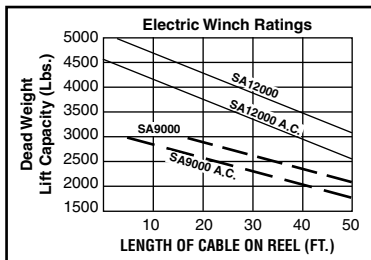
DN-NO.	VOLTAGE	DEAD WEIGHT LIFT	CABLE
SA9000	12 DC	3000 lb. Single Line	25'x7/32"
SA9000AC	120 AC	2700 lb. Single Line	25'x7/32"
SA12000	12 DC	4500 lb. Double Line	50'x7/32"
SA12000AC	120 AC	4000 lb. Double Line	50'x7/32"



The winch gear train uses heat-treated sintered iron gears to provide smooth, quiet operation and final drive gears are heat-treated high carbon steel for maximum strength.

Light-load bearings are permanently lubricated sintered iron, and precision needle bearings are used in the high load areas for low friction and long life. The heavy gauge steel one piece die-formed base has three keyhole mounting slots for use with quick mounting shoulder studs. The chrome-plated heavy gauge steel front frame protects the cable from abrasion. A formed spring steel plate insures level winding of cable onto the reel.

Part No.	Capacity	Wt.
DN SA9000DC	12-Volt DC Winch	35 lbs.
DN SA9000AC	120-Volt AC Winch	33 lbs.
DN SA12000DC	12-Volt DC Winch	38 lbs.
DN SA12000AC	120-Volt AC Winch	36 lbs.
DN 6366	Ball Adapter	2 lbs.
DN 6367	12-Volt Dash Mt. Switch Kit	3 lbs.
DN 6371	12-Volt Remote Switch-10' ft.	5 lbs.
DN 6372	120-Volt Remote Switch-10' ft.	5 lbs.



For intermittent use only. Above ratings are based on 10' lift. For longer lifts at full capacity occasional motor cooling periods should be allowed.

## Accessories



**6366 BALL ADAPTER PLATE** For mounting your SA9000 or SA12000 winch on vehicle ball hitch. Fits 1-7/8" and 2" balls.



**6371 REMOTE SWITCH** Features a solenoid box which allows you to operate your DC winch up to 10' in distance.



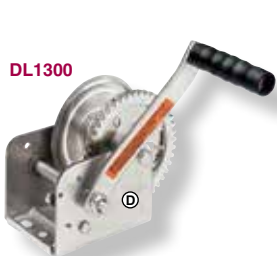
**6372 REMOTE SWITCH** Provides a 120-volt, 10 ft. hand-held switch unit which can be wired directly to the winch up to 10' in distance.



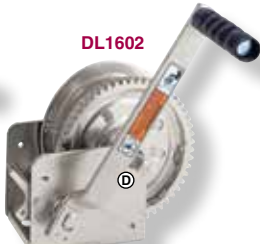
**6367 DASH MOUNTED SWITCH KIT** For electric 12-Volt winches when remote hand switch is not used. Switch not included. Uses switch removed from winch cover.

**CAUTION!**  
NOT FOR MOVEMENT  
OF HUMAN BEINGS!

## Hand Winches



**DL1300**



**DL1602**



**DL2500**



**DL3500B**

**DL1300 Hand Winch:** 1300 lbs. rated capacity. 4.4:1 gear ratio. 7/8" drum hub diameter. Single gear ratio. Accepts 56' of 7/32" cable. Has one way ratchet only.

**DL1602 Hand Winch:** 1600 lbs. rated capacity. 5.4:1 gear ratio. 1-1/8" drum hub diameter. Single gear ratio. Accepts 58' of 1/4" cable.

**DL2500 Hand Winch:** 2500 lbs. rated capacity. 17.3:1 and 5.4:1 gear ratios. 1-1/8" drum hub diameter. Two-speed double reduction gear system. Accepts 47' of 5/16" cable.

**DL3500B Hand Winch with hand brake:** 3500 lbs. rated capacity. 12.1 and 6:1 gear ratios. 1-5/16" drum hub diameter. Two-speed double reduction gear system. Accepts 37' of 3/8" cable.

**Pulley Block & Hook**

No. 6216 Pulley block and hook assembly for double line operation on electric winches.



**6216**

**Cable with Hook**

No. 6210 Winch cable with hook, 25' x 3/16".



Part No.	Capacity/Lbs.	Wt.
DN DL1300	1300	7 lbs.
DN DL1602	1600	9 lbs.
DN DL2500	2500	15 lbs.
DN DL3500B	* 3500	22 lbs.

\* These models are with Hand Brake.

**ACCESSORIES**

DN 6210	Cable with Hook. 25' x 3/16"
DN 6216	Pulley Block and Hook