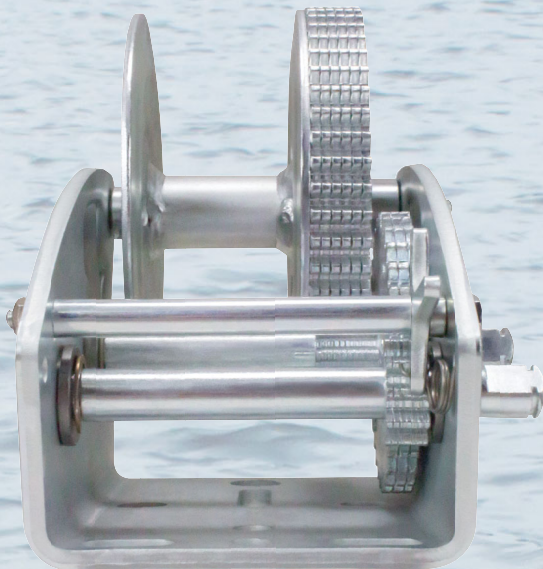
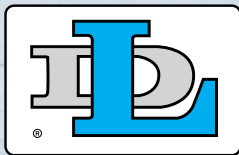




DUTTON-LAINSON COMPANY





OUR STORY

For nearly 140 years, Dutton-Lainson Company has been manufacturing high quality products across a variety of categories, designed to help hard-working men and women get things done. The company was born out of the pioneering spirit of the late 19th century. It grew into one of the largest collar and harness manufacturers in the U.S. as it supplied goods to the pioneers during the westward expansion. Through grit and determination, the company survived countless economic swings. Early in the 20th century, D-L would be called upon to manufacture military goods and hardware for two world wars, twice earning the military's highest honor for manufacturing excellence. D-L is honored to still manufacture specialty product for the U.S. military to this day.

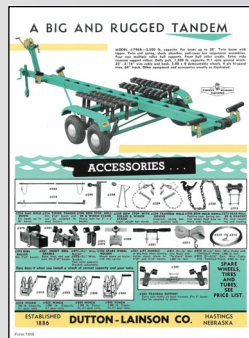
During the 1950's post-war era, the company began to shape into its current form. While hardware and agricultural products had always been a part of the D-L fabric, Dutton-Lainson got its start in the marine industry by making the "Golden Rod" boat trailer for Montgomery Ward in the 1950s. Each trailer needed a winch and a coupler (tongue jacks were not yet common on trailers). With the company's modern manufacturing capabilities at hand, they realized that D-L could make better winches and couplers than the market currently had available.



A selection of Golden Rod products in the 1960s

Through engineering and painstaking detail, the company launched the "Golden Rod" line of winches to be the best in the market. Design and sales efforts were so successful that by 1965, D-L was the largest manufacturer of manual hand winches in the world. We still operate with the same drive and standards today.

After the difficult manufacturing conditions brought on by the recent pandemic, D-L is now in the process of optimizing its company and product lines for the future. As decisions are made each day, management and employees are still guided by the long-standing heritage of the company. While a segment of the market has moved to (often substandard) import products in recent years, D-L has remained committed to truly dependable products and service from right here in the central U.S.A. As the last domestic manufacturer left for several major product lines, you can count on Dutton-Lainson Company to do things the right way.



A Golden Rod trailer brochure from 1958

D-L... still made in the U.S.A., since 1886.



TABLE OF CONTENTS



DLx Products

Premium Pulling Winches.....	4
Premium Tongue Jacks.....	5

Winches

Pulling Winches.....	6-7
Hand Winch Selection Guide.....	8
Hand Winch Accessories.....	9
DLB-Series Brake Winches.....	10
B-Series Brake Winches.....	11
Brake Winch Comparison and Chain Drive Winches.....	12
Worm Gear Winches.....	13
SA Electric Winches.....	14
TW Electric Winches.....	15
Electric Winch Accessories.....	16

Trailer Accessories

Spare Tire Carriers, etc.....	17
Couplers and Coupler Balls.....	18
Roller Bunks.....	19
Wheel Bearings & Protectors.....	20

Tongue Jacks

Rigid Marine Jacks.....	21
Swivel Marine Jacks.....	22-23
Jack Accessories.....	24

Goldenrod Ag Items

Ag-Industrial Jacks.....	25
Heavy Duty Pump and Industrial Pump Oilers.....	26
Pistol Pump, Spring Bottom, and Spray Tip Oilers.....	27
Fence Tools.....	28
DurapatchUV.....	29
Bowl Fuel Tank Filters.....	30
Canister Fuel Tank Filters.....	31

See This In The Catalog?



Visit

www.dutton-lainson.com/help-videos
or scan this QR code

to watch a video of that product or feature in action!





PREMIUM PULLING WINCHES



- Hand/manual/pulling/ratchet winches for horizontal pulling applications
- 1,500 - 2,600 lb. capacities
- 9-1/2" handle with premium cushioned handle grip is softer and more comfortable
- Freewheel operation for easy line removal
- Powder coated matte black finish over zinc plating on base, zinc plated TUFFPLATE® finish on reel and hardware
- Reversible ratchet allows cranking of cable or strap onto winch drum in either direction
- 20' - 25' of 2" wide heavy duty polyester strap and snap hook
- U.S. patents 10640343, D867713, and D867714
- Made in the U.S.A.



DLx PULLING WINCH SPECIFICATIONS	MODEL	RATED CAPACITY (1)	DRUM HUB DIA.	GEAR RATIO	HANDLE LENGTH	MAX. MECH. ADV.	REVERSIBLE RATCHET?	2-SPEED?	MAXIMUM DRUM CAPACITY	
									Cable (2)	STRAP
	DLx1500	1500 lb / 680 kg	7/8"	4.4:1	9-1/2"	74	X		1/4" x 40'	31'
	DLx1500FC	1500 lb / 680 kg	7/8"	4.4:1	9-1/2"	74	X		1/4" x 40'	31'
	DLx1900	1900 lb / 862 kg	1-1/8"	5.4:1	9-1/2"	73	X		9/32" x 49'	36'
	DLx1900FC	1900 lb / 862 kg	1-1/8"	5.4:1	9-1/2"	73	X		9/32" x 49'	36'
	DLx2600FC	2600 lb / 1179 kg	1-1/8"	17.3:1 / 5.4:1	9-1/2"	229	X	X	5/16" x 39'	36'

- (1) Capacity based on direct line pull on the third layer of line on the drum. Capacity is reduced as the line builds up on the drum.
 (2) Drum capacity shown is based on cable size listed. (Cable not included.) Cable size listed may be too large to be practical for some applications.

PREMIUM TONGUE JACKS



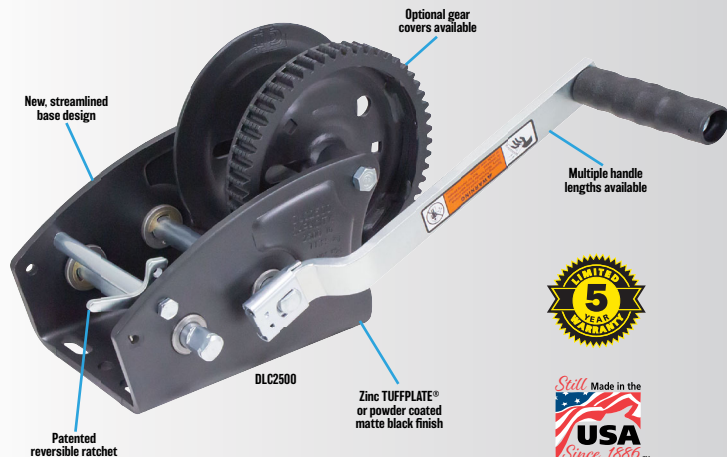
- Swivel marine tongue jacks for boat and other trailer applications
- 1,500 - 2,000 lb. capacities
- 12" total travel
- 28-1/2" - 30-1/2" maximum tongue heights
- Side wind handle with extra heavy screw drive and premium cushioned handle grip is softer and more comfortable
- Heavy duty polypropylene 8" diameter slotted wheel or foot resists flat spots and cold weather cracking
- Powder coated matte black finish over zinc plating
- Easily swivels up for towing or down for stowing and locks in place in either position
- Reinforced wheel or foot bracket for additional strength
- U.S. patents 10611201, D870598, D871973, D871974, D871975, and 11173760
- Models available with weld-on bracket
- Includes all necessary bolt-on mounting hardware
- Made in the U.S.A.

DLx JACK SPECIFICATIONS	MODEL	CAPACITY	MOUNTING	HANDLE TYPE	WHEEL	TRAVEL	MAXIMUM TONGUE HEIGHT	SWIVEL PIN DIAMETER	FITS SQUARE TONGUES UP TO...
	DLx	1500 lb / 680 kg	Bolt-on	Side	8"	12"	28-1/2"	1/2"	3" x 5"
	DLx-P	1500 lb / 680 kg	Bolt-on	Side	8" (3" wide)	12"	28-1/2"	1/2"	3" x 5"
	DLx-SW	1700 lb / 771 kg	Bolt-on	Side	8" (3" wide)	12"	30-1/2"	1/2"	3" x 4"
	DLx-SF	2000 lb / 907 kg	Bolt-on	Side	Foot	12"	30-1/2"	1/2"	3" x 4"



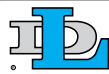


PULLING WINCHES



PULLING WINCH SPECIFICATIONS	WINCH SERIES	MODEL	RATED CAPACITY (2)	DRUM HUB DIA.	GEAR RATIO	HANDLE LENGTH	MAX. MECH. ADV.	REVERSIBLE RATCHET?	2-SPEED?	OPTIONAL GEAR COVERS?	MAXIMUM DRUM CAPACITY	
											CABLE (3)	STRAP (4)
STANDARD DUTY		DLC600	600 lb / 272 kg	5/8"	3.2:1	7"	57				5/32" x 61"	16'
		DLC1100	1100 lb / 499 kg	7/8"	4.4:1	7"	58				3/16" x 79"	29'
		DLC1400	1400 lb / 635 kg	7/8"	4.4:1	7"	55	X		X	1/4" x 40"	31'
MEDIUM DUTY		DLC1600	1600 lb / 726 kg	7/8"	4.4:1	9-1/2"	74	X		X	1/4" x 40"	31'
		DLC1800	1800 lb / 817 kg	1-1/8"	5.4:1	9-1/2"	73	X		X	9/32" x 58"	38'
		DLC2000	2000 lb / 907 kg	1-1/8"	12.4:1 / 5.4:1	9-1/2"	168	X	X	X	9/32" x 58"	38'
HEAVY DUTY		DLC2500	2500 lb / 1134 kg	1-1/8"	17.3:1 / 5.4:1	9-1/2"	229	X	X		5/16" x 47"	38'
		DLC3200	3200 lb / 1452 kg	1-1/8"	17.3:1 / 5.4:1	9-1/2"	219	X	X		3/8" x 30"	25'
		DLC300B (1)	3500 lb / 1588 kg	1-5/16"	12-1/8:1	9-1/2"	135		X		3/8" x 37"	25' (5)

- (1) Hand brake standard equipment. NOTE: Hand brake can be added to models DLC2000, DLC2500, and DLC3200.
 (2) Capacity based on direct line pull on the third layer of line on the drum. Capacity is reduced as the line builds up on the drum.
 (3) Drum capacity shown is based on cable size listed. (Cable not included.) Cable size listed may be too large to be practical for some applications.
 (4) Strap capacity shown is based on recommended strap duty rating.
 (5) Compatible with 3" wide strap only, and a special reel to install the strap is required. Contact us for more information.



PULLING WINCHES

- Hand/manual/pulling/ratchet winches for horizontal pulling applications
- 600 - 3,500 lb. capacities
- 7" - 9-1/2" handles with ergonomic handle grip
- Freewheel operation for easy line removal
- Zinc plated TUFFPLATE® or powder coated matte black finish
- Models available with gear covers, reversible ratchet, two-speed operation, hand brake, and strap installed on the reel
- Made in the U.S.A.



D-L pulling winches are not recommended for lifting applications. For lifting, use a D-L brake or worm gear winch. D-L winches are not to be used as hoists for lifting, supporting, or transporting people, or for loads over areas where people could be present.



HAND WINCH SELECTION GUIDE

GENERAL WINCH SELECTION GUIDELINES

Because the high forces generated when using a winch create potential safety hazards, careful consideration should be given to the winch selection process.

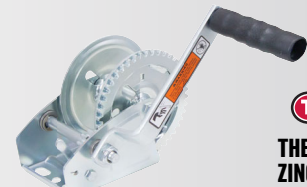
Safety should be a primary concern and questions such as what winch features are required for the application, what will be the experience level of the user, and what harsh environmental conditions will exist, should all be answered. More specifically, an important first question should be, "Does the application require the freewheel feature - the ability to pull cable freely from the drum to attach it to the load - available in ratchet-type pulling winches?" If not, a self-locking type winch - brake winch or worm gear winch - should be used. Generally, ratchet-type pulling winches are not recommended for lifting applications, and their use should be limited to horizontal or incline pulling operations requiring a freewheeling feature.

The experience or skill of the intended user is also important. For example, self-locking brake or worm gear type winches should generally be selected for rental equipment, even if the lack of a freewheel feature will make the operation slower or more cumbersome. This is because rental equipment will frequently be used by inexperienced operators unfamiliar with the safe use of the product, and self-locking winches reduce the skill and understanding necessary to operate a winch safely.

If the winch is likely to be used in a harsh environment, including such things as salt water, a potential for damage or abuse of the winch, or the likelihood of little or no periodic maintenance, then this should be factored into the winch selection. A larger size winch should possibly be selected, or guards on the product using the winch should be provided to protect the winch from damage or abuse.

It is sometimes difficult to determine the amount of load being pulled with a winch. All D-L hand winches are designed to pull their rated capacity with a force on the handle in the approximate range of 35 to 55 lbs. This means that the winch should be able to be cranked easily with one hand. If not, it is probably overloaded.

D-L winches are not designed to be used as hoists for lifting, supporting, or transporting people, or for loads over areas where people could be present. D-L winches are built to high quality standards, but do not include the features necessary to make them appropriate for moving of humans or overhead hoisting applications.



TUFFPLATE

THE SUPERIOR ZINC PLATED FINISH

Zinc plated TUFFPLATE finish has three times the corrosion resistance of standard zinc plating process, and 30% greater corrosion resistance when compared to powder coated finish.

Results of laboratory tests using 5% neutral salt spray confirms our TUFFPLATE finish provides in excess of 500 hours against First Red Rust and in excess of 100 hours for First White Corrosion.

The exclusive TUFFPLATE finish process is standard on all D-L plated products. For additional information, contact your D-L sales representative or Dutton-Lainson Company.



Left Side:
Standard Zinc
Plated

Right Side:
Zinc Plated
TUFFPLATE
Finish



BOAT WEIGHT TO WINCH CAPACITY RATIO

A commonly used ratio of boat size to winch capacity is 2 to 1. Example: a 2,000 lb boat requires a 1,000 lb winch.

There are, however, many factors to consider in selecting the proper size winch which are beyond the control of the winch manufacturer.

For example, the ratio can sometimes be stretched to 3 to 1 when using a trailer equipped with good quality free-turning rollers maintained in excellent condition and most commonly used on ramps where the boat floats most of the way onto the trailer.

The ratio should be reduced to as much as 1 to 1 on trailers using wooden bunks with no self-alignment capabilities, most frequently used on boat ramps requiring that the boat be winched a long way onto the trailer. Note that pontoon boat trailers and other special designs require special consideration to winch capacity selection.



ROLLING LOAD CAPACITY

To calculate the rolling load capacity of a winch - the amount of load that can be pulled up an incline - multiply the winch capacity by the factor shown in the chart. The multiplication factor shown includes a 10% rolling friction factor.

Note: 5% incline is a 1/2 ft. rise in 10 ft.

INCLINE	MULTIPLY BY: %
Level Surface	10.0
5 (3°)	6.67
10 (6°)	5.02
20 (11°)	3.40
30 (17°)	2.61
50 (26°)	1.86
70 (35°)	1.53
100 (45°)	1.29

HAND WINCH ACCESSORIES



HAND WINCH STRAP & HOOK SPECIFICATIONS

MODEL	SIZE	CAPACITY (FOR WINCHES UP TO...)	BREAKING STRENGTH
6148	2" x 15' / 50mm x 4.6m	1700 lb / 771 kg	2600 lb / 1179 kg
6149	2" x 20' / 50mm x 6.1m	1700 lb / 771 kg	2600 lb / 1179 kg
6248	2" x 15' / 50mm x 4.6m	2600 lb / 1179 kg	4000 lb / 1814 kg
6249	2" x 20' / 50mm x 6.1m	2600 lb / 1179 kg	4000 lb / 1814 kg
6250	2" x 25' / 50mm x 7.6m	2600 lb / 1179 kg	4000 lb / 1814 kg
6542	2" x 20' / 50mm x 6.1m	3200 lb / 1452 kg	4800 lb / 2177 kg
6551	2" x 15' / 50mm x 4.6m	3700 lb / 1678 kg	6600 lb / 2984 kg
6552	2" x 20' / 50mm x 6.1m	3700 lb / 1678 kg	6600 lb / 2984 kg
6553	2" x 25' / 50mm x 7.6m	3700 lb / 1678 kg	6600 lb / 2984 kg

Includes mounting hardware.

6147 PWC TRAILER STRAP & HOOK

- For PWC trailer applications
- For winches up to 900 lb. capacity
- 2" wide x 12' long with a 1" x 18" loop

6285 CABLE CLAMP

- For attaching cable to brake and pulling winches
- Zinc plated TUFFPLATE® finish
- Includes a clamp with winged edges, bolt, and nut



6565 KLEMP MOUNTING BRACKET

- Universal right angle mounting bracket
- Fits most hand winches up to 2,000 lbs.
- Heavy 1/4" steel with matte black finish

THREADED CABLE FASTENERS

- 6357- 3/8" works with 3/16" cable
- 6358- 7/16" works with 3/16", 7/32", or 1/4" cable
- 6359- 1/2" works with 1/4", 9/32", or 5/16" cable

PULLING WINCH RATCHET REPAIR KIT SPECIFICATIONS

MODEL	FOR WINCH MODELS...
6290A	DL6000 DL6100
6291A	DL6100 DL6150 DL6150FC
6294A	DL6100 DL6200 DL6250 DL6300 DL6300FC DL6300FC

WINCH CABLE / HOOK SPECIFICATIONS

MODEL	SIZE	FOR HAND WINCHES UP TO...	FOR ELECTRIC WINCHES MODELS...
6210	3/16" x 25'	1800 lb / 817 kg	SA5000, SA7000
6211	3/16" x 50'	1800 lb / 817 kg	SA5000, SA7000
6212	7/32" x 50'	2500 lb / 1134 kg	SA8000, SA12000
6360	3/16" x 20'	1800 lb / 817 kg	SA5000, SA7000
6361	7/32" x 25'	2500 lb / 1134 kg	SA8000, SA12000
6520	1/4" x 25'	3500 lb / 1588 kg	N/A
6522	5/16" x 25'	3500 lb / 1588 kg	N/A
6524	1/4" x 50'	3500 lb / 1588 kg	N/A

Caution: Safe working loads for cables vary widely, depending on conditions of use. Recommended safe working loads for all applications other than those listed above are: 3/16" - 840 lb 7/32" - 1120 lb 1/4" - 1400 lb 5/16" - 1960 lb

HAND WINCH HANDLES SPECIFICATIONS

MODEL	TYPE	LENGTH	STANDARD WITH WINCH MODEL...	OPTIONAL FOR WINCH MODEL...
6307	Standard	7"	DL6000-DL1400, WC1500, WC2000	N/A
6307X	Black Plated Premium	7"	N/A	DL6000-DL1400, WC1500, WC2000
6318	Black Plated Premium	9 1/2"	DL6000-DL1400, WC1500, WC2000	N/A
6318X	Black Plated Premium	9 1/2"	DL6000-DL1400, WC1500, WC2000	N/A
6319	Offset	9 1/2"	DL6000	N/A
6319X	Black Plated Offset Premium	9 1/2"	DL6000	N/A
6459	Ratchet	8 1/4"	N/A	DL6000, DL6100, DL6150, WC1500, WC2000
6322	Quick Attach	9 1/2"	DL6000-DL6100, DL6150, DL6150FC	N/A
6450	Standard	7"	DL6350A - DL61200A	N/A
6451	Standard	9 3/8"	DL6150A - DL6250A	N/A
6452	Optional Add 1 Length	12"	N/A	All D-L series brake winches
6327	Ratchet	8 1/4"	N/A	All D-L series brake winches
6453	Removable	7"	N/A	All D-L series brake winches
6454	Removable	9 3/8"	N/A	All D-L series brake winches
6482	Camper	7" (12' tube)	N/A	All D-L series brake winches
6483	Square Tube Hub	1 1/2" tube	N/A	All D-L series brake winches
6455	Standard	12 1/4"	All B-series brake winches	N/A
6323	Ratchet	12"	N/A	All B-series brake winches
6470	Removable	12"	N/A	All B-series brake winches
6485	Hex Socket	7"	WC1500HEX, WC2000HEX	N/A



DLB-SERIES BRAKE WINCHES

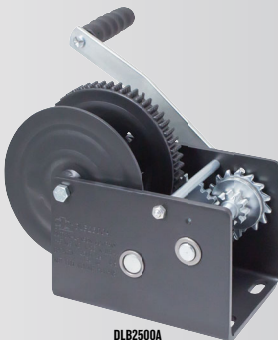
- Brake winches for horizontal pulling and vertical lifting applications
- 350 - 2,500 lb. capacities
- 7" - 9-3/8" handles with ergonomic handle grip
- Built in fully automatic friction brake holds load exactly in position when raising and lowering
- Zinc plated TUFFPLATE® or powder coated matte black finish
- Models available with **freewheel lever** 
- Made in the U.S.A.



DLB350A



DLB1200A

DLB1500A
w/ optional
freewheel lever

DLB2500A



All D-L brake winches are built for multipurpose hauling and lifting operations. They are not to be used as hoists for lifting, supporting, or transporting people, or for loads over areas where people could be present.

DLB-SERIES BRAKE WINCH SPECIFICATIONS	MODEL	RATED CAPACITY (1)	MIN. OPERATING LOAD REQUIRED	DRUM HUB DIA.	GEAR RATIO	HANDLE LENGTH	MAX. MECH. ADV.	MAXIMUM DRUM CAPACITY
								CABLE (2) STRAP
	DLB350A	350 lb / 150 kg	50 lb / 23 kg	1"	3:2.1	7"	39.8	1/8" x 84' 15'
	DLB800A	800 lb / 363 kg	50 lb / 23 kg	1-7/8"	4:4.1	7"	29.9	3/16" x 66' 27'
	DLB805A	800 lb / 363 kg	50 lb / 23 kg	1-7/8"	4:4.1	7"	29.9	3/16" x 66' 27'
	DLB1200A	1200 lb / 544 kg	50 lb / 23 kg	2-1/2"	5:4.1	7" std. 9-3/8" opt.	27.8 37.2	7/32" x 66' 31'
	DLB1205A	1200 lb / 544 kg	50 lb / 23 kg	2-1/2"	5:4.1	7" std. 9-3/8" opt.	27.8 37.2	7/32" x 66' 31'
	DLB1500A	1500 lb / 680 kg	75 lb / 34 kg	2-1/2"	5:4.1	9-3/8" std. 12" opt.	36.8 42.1	1/4" x 60' 31'
	DLB1505A	1500 lb / 680 kg	75 lb / 34 kg	2-1/2"	5:4.1	9-3/8" std. 12" opt.	36.8 42.1	1/4" x 60' 31'
	DLB2500A	2500 lb / 1134 kg	175 lb / 79 kg	2-1/2"	17:3.1	9-3/8" std. 12" opt.	115.3 147.6	5/16" x 34' 21'
	DLB2505A	2500 lb / 1134 kg	175 lb / 79 kg	2-1/2"	17:3.1	9-3/8" std. 12" opt.	115.3 147.6	5/16" x 34' 21'

- (1) Capacity based on direct line pull on the first layer of line on the drum. Capacity is reduced as the line builds up on the drum.
 (2) Drum capacity shown is based on cable size listed. (Cable not included.) Cable size listed may be too large to be practical for some applications.



B-SERIES BRAKE WINCHES



- Brake winches for horizontal pulling and vertical lifting applications
- 1,200 - 3,500 lb. capacities
- 12-1/4" handles with ergonomic handle grip
- Built in fully automatic friction brake holds load exactly in position when raising and lowering
- Powder coated matte black finish, zinc plated TUFFPLATE® finish on hardware
- Models available with larger reel hub diameters
- Intended for a higher frequency and duration of use than DLB-series brake winches
- Made in the U.S.A.



B1200B



B3503



B2500



All D-L brake winches are built for multipurpose hauling and lifting operations. They are not to be used as hoists for lifting, supporting, or transporting people, or for loads over areas where people could be present.

B-SERIES BRAKE WINCH SPECIFICATIONS	MODEL	RATED CAPACITY	MIN. OPERATING LOAD REQUIRED	DRUM HUB DIA.	GEAR RATIO	HANDLE LENGTH	MAX. MECH. ADV.	MAXIMUM DRUM CAPACITY
								CABLE (3) STRAP
	B1200B	1200 lb / 544 kg (1)	75 lb / 34 kg	1-1/8"	4:1	12-1/4"	72.9	7/32" x 57'
	B1202B	1200 lb / 544 kg (1)	75 lb / 34 kg	2-1/2"	4:1	12-1/4"	36	7/32" x 46'
	B1500	1500 lb / 680 kg (1)	150 lb / 68 kg	1-1/8"	6:1	12-1/4"	106.9	1/4" x 52'
	B1502	1500 lb / 680 kg (1)	150 lb / 68 kg	2-1/2"	6:1	12-1/4"	53.5	1/4" x 45'
	B2500	2500 lb / 1134 kg (1)	300 lb / 136 kg	1-5/16"	12:1	12-1/4"	180.9	5/16" x 51'
	B2502	2500 lb / 1134 kg (1)	300 lb / 136 kg	2-1/2"	12:1	12-1/4"	104.5	5/16" x 45'
	B2503	2500 lb / 1134 kg (1)	300 lb / 136 kg	3-1/8"	12:1	12-1/4"	85.5	5/16" x 40'
	B3503	3500 lb / 1588 kg (2)	500 lb / 227 kg	3-1/8"	18.75:1	12-1/4"	131.3	3/8" x 28'

- (1) Capacity based on direct line pull on the third layer of line on the drum. Capacity is reduced as the line builds up on the drum.
 (2) Capacity based on direct line pull on the first layer of line on the drum. Capacity is reduced as the line builds up on the drum.
 (3) Drum capacity shown is based on cable size listed. (Cable not included.) B-series winches are not strap adaptable.
 Cable size listed may be too large to be practical for some applications.





BRAKE WINCHES



DLB vs. B-SERIES BRAKE WINCH COMPARISON

FEATURE	DLB-SERIES	B1200s	B1500s/ B2500s/ B3503
Four models available with optional freewheel lever to put in freewheel mode	X		
Accepts 2" wide strap	X		
Drive shaft gear teeth and reel gear teeth are induction hardened for increased strength	X	X	
All gear and shaft surfaces are case hardened for maximum strength			X
Larger 8 pitch gear teeth for increased strength		X	
Largest 6 pitch gear teeth for maximum strength			X
Multiple drum hub diameter options for increased lifting and pulling speed		X	X
Standard 12-1/4" handle		X	X
Braking mechanism protected by external cover		X	X
All drive gears protected by external cover			X
Internal reel gears for more gear contact (reduces wear and increases strength)			X
Drive shaft needle bearings to reduce wear			X
Intended for a higher frequency and duration of use			X



DLB12000

CHAIN DRIVE WINCHES

- For use with boat lifts
- 1,750 - 3,500 lb. single-line capacities, 3,500 - 7,000 lb. double-line capacities
- Removable access panel and top cover makes it **easy to change brake pads** if needed
- Stainless steel fasteners and steel-backed PTFE lined bearings
- Built in fully automatic friction brake holds load exactly in position when raising and lowering
- Utilizes sprockets and roller chain
- Aluminum housing with zinc plated TUFFPLATE® finish on hardware
- Enclosed design
- Mounting holes are identical on both sides
- Made in the U.S.A.



DLB4500 with top cover removed

CHAIN DRIVE BRAKE WINCH SPECIFICATIONS

MODEL	SINGLE LINE RATED CAPACITY*	DOUBLE LINE RATED CAPACITY*	DRUM HUB DIA.	GEAR RATIO	DIMENSIONS (H x W x D)	WEIGHT
CD3500	1750 lb / 794 kg	3500 lb / 1588 kg	2"	11.5:1	13-9/16" x 10" x 4-1/4"	23-1/2 lb
CD4500	2250 lb / 1021 kg	4500 lb / 2041 kg	4"	25.1:1	13-1/4" x 10-1/4" x 5-1/2"	29-1/2 lb
CD5500	2750 lb / 1247 kg	5500 lb / 2495 kg	4"	24.4:1	15-1/4" x 10-1/4" x 5-1/2"	33 lb
CD7000	3500 lb / 1588 kg	7000 lb / 3175 kg	4"	32.6:1	17-1/8" x 10-1/4" x 5-1/2"	34-1/2 lb

* Capacity based on direct line pull on the first layer of line on the drum.
Capacity is reduced as the line builds up on the drum.

WORM GEAR WINCHES

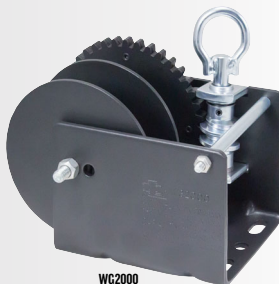
- Worm gear winches for horizontal pulling and vertical lifting applications
- 1,500 - 2,000 lb. capacities
- 7" handle with ergonomic handle grip on non-loop drive models
- Reel automatically stops turning whenever cranking is stopped, locking load in place
- Powder coated matte black finish, zinc plated TUFFPLATE® finish on hardware
- Models available with loop drive, split reel, **hex drive**, and **strap reel**
- Made in the U.S.A.



WG1500



WG2000 w/ hex drive



WG2000 w/ loop drive and split reel



All D-L worm gear winches are built for multipurpose hauling and lifting operations. They are not to be used as hoists for lifting, supporting, or transporting people, or for loads over areas where people could be present.

WORM GEAR WINCH SPECIFICATIONS

MODEL	DESCRIPTION	RATED CAPACITY (1)	DRUM HUB DIA.	GEAR RATIO	HANDLE LENGTH	MAX. MECH. ADV.	MAXIMUM DRUM CAPACITY CABLE (2)
WG1500	Standard Reel, Standard Drive	1500 lb / 680 kg	1-1/2"	30:1	7"	240	1/4" x 43'
WG1500LD	Standard Reel, Loop Drive	1500 lb / 680 kg	1-1/2"	30:1	-	-	1/4" x 43'
WG1500SR	Split Reel, Standard Drive	1500 lb / 680 kg	1-1/2"	30:1	7"	240	1/4" x 43'
WG1500SRD	Split Reel, Loop Drive	1500 lb / 680 kg	1-1/2"	30:1	-	-	1/4" x 43'
WG1500HEX	Standard Reel, Hex Drive	1500 lb / 680 kg	1-1/2"	30:1	7" hex	-	1/4" x 43'
WG2000	Standard Reel, Standard Drive	2000 lb / 907 kg	1-1/2"	40:1	7"	314	9/32" x 48'
WG2000LD	Standard Reel, Loop Drive	2000 lb / 907 kg	1-1/2"	40:1	-	-	9/32" x 48'
WG2000SR	Split Reel, Standard Drive	2000 lb / 907 kg	1-1/2"	40:1	7"	314	9/32" x 48'
WG2000SRD	Split Reel, Loop Drive	2000 lb / 907 kg	1-1/2"	40:1	-	-	9/32" x 48'
WG2000HEX	Standard Reel, Hex Drive	2000 lb / 907 kg	1-1/2"	40:1	7" hex	-	9/32" x 48'

(1) Capacity based on direct line pull on the first layer of line on the drum. Capacity is reduced as the line builds up on the drum.

(2) Drum capacity shown is based on cable size listed. (Cable not included.) Cable size listed may be too large to be practical for some applications.



StrongArm® SA ELECTRIC WINCHES

- 12 volt DC or 120 volt AC electric winches for horizontal pulling and vertical lifting applications
- 1,200 - 3,000 lb. single-line capacities, 1,800 - 4,500 lb. **double-line** capacities
- Power in, power out, and automatic mechanical friction brake
- 20' - 50' of 3/16" or 7/32" galvanized aircraft cable and snap hook
- Powered by your vehicle battery using included wiring harness or through a standard wall outlet using the installed power cord
- Operated by switch on side of winch or handheld remote control with 10' cord
- Models available with pulley block with snap hook, remote, and **clutch lever**
- Includes **emergency crank handle** in case of power loss
- Made in the U.S.A.



All D-L electric winches are built for multipurpose hauling and lifting operations. They are not to be used as hoists for lifting, supporting, or transporting people, or for loads over areas where people could be present.

SA-SERIES ELECTRIC WINCH SPECIFICATIONS	MODEL (1)	VOLTS / AMPS	RATED CAPACITY (3)	GEAR RATIO	CABLE	PULLEY BLOCK & HOOK	APPROXIMATE LOAD SPEED (FT./MIN.)			
							NO LOAD		FULL LOAD	
							FULL REEL	EMPTY REEL	FULL REEL	EMPTY REEL
	SA5000DC & SA5015DC	12 Volt DC / 70	1500 lb / 680 kg	189:1	3/16" x 20' (6360)	-	33	12	8	4
	SA5000AC & SA5015AC	120 Volt AC / 7	1200 lb / 544 kg	189:1	3/16" x 20' (6360)	-	35	16	16	9
	SA7000DC & SA7015DC	12 Volt DC / 70	2200 lb / 999 kg (4)	189:1	3/16" x 50' (6211)	X	16	6	4.5	3.5
	SA7000AC & SA7015AC	120 Volt AC / 7	1800 lb / 817 kg (4)	189:1	3/16" x 50' (6211)	X	17.5	8	9.5	6
	SA9000DC & SA9015DC	12 Volt DC / 70	3000 lb / 1361 kg	570:1	7/32" x 25' (6361)	-	11	5	4	2.5
	SA9000DC	Same as SA9000DC except without clutch and with Remote Kit #6383 (2)								
	SA9000AC & SA9015AC	120 Volt AC / 7	2700 lb / 1225 kg	570:1	7/32" x 25' (6361)	-	18	6	7	3.5
	SA12000DC & SA12015DC	12 Volt DC / 70	4500 lb / 2041 kg (4)	570:1	7/32" x 50' (6212)	X	5	2.5	2	1.5
	SA12000AC & SA12015AC	120 Volt AC / 7	4000 lb / 1814 kg (4)	570:1	7/32" x 50' (6212)	X	9	3	4	2

(1) Model numbers with 15 have built-in remote control (AC models use remote #6384).

(2) See page 16.

(3) For a full reel of line, adjust capacity according to graph on our website: www.dutton-lainson.com/specifications-and-model-comparisons/sa-series-electric-winches

(4) Double line operation.

TW ELECTRIC WINCHES

- 12 volt DC electric winches for vehicle or boat trailer use
- 1,500 - 3,000 lb. capacities (for boats up to 4,000 - 9,000 lbs.)
- 20' of 2" wide polyester strap and snap hook
- Clutch control knob/lever engages gears or releases load in a controlled freewheel mode
- Powered by your vehicle battery using included wiring harness (25' positive battery wire, 8' ground wire)
- Operated by switch on side of winch or handheld remote control with 10' cord
- High-torque 12 volt DC motor has circuit-breaker overload protection
- Built to the same high quality standards as regular SA-series electric winches
- Includes **emergency crank handle** in case of power loss
- Made in the U.S.A.



All D-L electric winches are built for multipurpose hauling and lifting operations. They are not to be used as hoists for lifting, supporting, or transporting people, or for loads over areas where people could be present.

TW-SERIES ELECTRIC WINCH SPECIFICATIONS

MODEL (1)	VOLTS / AMPS	RATED CAPACITY (2)	GEAR RATIO	STRAP	APPROXIMATE LOAD SPEED (FT./MIN.)			
					NO LOAD		FULL LOAD	
					FULL REEL	EMPTY REEL	FULL REEL	EMPTY REEL
TW4000 & TW4015	12 Volt DC / 40	1500 lb / 680 kg	324:1	2" x 20' (6148)	22	11	8.2	4.4
TW9000 & TW9015	12 Volt DC / 70	3000 lb / 1361 kg	570:1	2" x 20' (6542)	15	9	6.3	4.3

(1) Model numbers with 15 have built-in remote control.

(2) For a full reel of line, adjust capacity according to graph on our website: www.dutton-lainson.com/specifications-and-model-comparisons/sa-series-electric-winches



StrongArm® WINCH ACCESSORIES



6364 EMERGENCY CRANK HANDLE

- Operate winch after loss of power
- Fits all SA-series models and TW9000s
- Spring-loaded safety clip

6363 ELECTRIC WINCH VINYL COVER

- Strong, water resistant black vinyl
- Fits all SA and TW-series electric winches
- Keeps your winch clean, dry, and looking new



6365 QUICK MOUNT KIT

- Provides quick and easy installation and removal of winch
- Includes three shoulder studs and nuts, a lock washer, and a wing nut



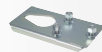
6368 MOUNTING PLATE

- For mounting winches on narrow stands
- Fits all SA and TW-series electric winches
- Plated, heavy 3/8" x 4" x 8" steel plate



6366 BALL ADAPTER PLATE

- For instant mounting on vehicle ball hitch
- Bolt plate to winch, then slip pear-shaped cutout over any standard front or rear-mounted 1-7/8" or 2" hitch ball



6370 ANGLE MOUNT KIT

- For mounting winches on stands where improper angle is present
- Fits all SA and TW-series electric winches
- Powder coated matte black finish



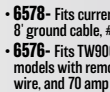
6170 GFCI BREAKER

- For 120 volt AC winch models
- 11-1/2" cord, 15 amp, 125 volt, breaker mounted 7-1/2" from plug
- Water resistant



WIRING HARNESS

- **6362** - Fits 12 volt DC SA-series models without remote. 25' power cable, 8' ground cable, #8 wire with switch, and 70 amp circuit breaker
- **6575** - Fits pre-2014 TW4000s. 25' power cable, 8' ground cable, #12 wire, and 35 amp circuit breaker



- **6578** - Fits current TW4000s and TW4015s. 25' power cable, 8' ground cable, #12 wire, and 40 amp circuit breaker
- **6576** - Fits TW9000s, TW9015s, and 12 volt DC SA-series models with remote. 25' power cable, 8' ground cable, #8 wire, and 70 amp circuit breaker



6371 REMOTE SWITCH KIT

- For adding a remote to 12 volt DC SA-series models
- Control box mounts on or next to winch and plugs directly into winch switch pocket (without rewiring)

6383 IN-CAB REMOTE SWITCH KIT

- Permanently mounts on vehicle dashboard for easy access and to operate winch inside of vehicle
- For all 12 volt DC SA-series models



6349 DYNAMIC BRAKE PENDANT

- Dual switch controls In/Out and Off/Run
- Fits all 120 volt AC SA-series models
- Durable plastic pendant on 10' cord

ELECTRICAL QUICK CONNECT

- **6385** - For all 12 volt DC SA-series models and TW9000s
- **6288** - For TW4000s



6373 PLUG-IN CONNECTOR

- Replacement male and female plug connectors for the 6349 AC and 6371 DC remote controls

TRAILER ACCESSORIES



SAFETY CHAINS

- Heavy duty Classes 1-4 welded link chains for trailers up to 2,000 - 6,500 lbs.
- Zinc plated finish to resist rust
- Meets SAE and V-5 standards



6121 SPARE TIRE BRACKET

- Extends spare tire up and away from trailer and boat
- Fits wheel sizes from 9" to 14", 4 or 5-hole rims, and trailer tongues up to 3" x 5"
- Zinc TUFFPLATE® or powder coated matte black finish

6122

- Similar to 6121, but fits aluminum I-beam trailers
- Three sizes available: 4-1/2", 5-1/2", and 6-1/2"
- Zinc TUFFPLATE® finish

PULLEY BLOCKS

For double line operation on electric winches

6209 Standard



6213 With hook



6216 With swivel hook



CHAINS & CABLES SPECIFICATIONS	MODEL	SAE CLASS	LENGTH & TYPE	CABLE OR CHAIN LINK SIZE
	6217	1	Two 24' Chains	3/16"
	6255	1	Two 18' Chains	3/16"
	6227	2	Two 36' Chains	5/0
	6254	3	Two 36' Chains	1/4"
	6000	4 (6500 lb)	Two 40' Cables	5/16" coated



6000 SAFETY CABLE PAIR

- Heavy duty Class 4 cables for trailers up to 2,000 - 6,500 lbs.
- Vinyl coating prevents rusting
- Coil tension eliminates dragging
- Meets SAE and V-5 standards



6220 SPARE TIRE HOLDER

- Extra length allows for handling of wide tires or spans the wider tongues of custom built trailers
- Fits 8", 9", or 12" wheel and 4 or 5-hole rims
- Zinc TUFFPLATE® finish

6281

- Similar to 6220, but with lock bracket: just add your own padlock for theft protection



6126 SPARE TIRE BRACKET

- Extends spare tire at an angle to avoid damage or marring of boat finish
- Fits wheel sizes from 13" to 15", 5 or 6-hole rims, and trailer tongues 2" to 3" wide and 3" to 5" tall
- Zinc TUFFPLATE® finish
- Heavy duty steel construction



6239 SNAP HOOK

- High quality forged steel snap hook with spring-loaded safety latch
- 7,500 lbs. tensile strength
- Zinc plated



6259 TIPPER LATCH

- For use on tilt-bed medium and light duty trailers such as boat, snowmobile, motorcycle, PWC, and utility
- Automatic latch holds tilt bed securely in place
- Spring-loaded non-pinching latch for automatic latching and easy release
- Zinc TUFFPLATE® finish



⚠
D-1 pulley blocks are suitable for use with StrongArm® electric winches. Recommended safe working load for all other applications is 1,500 lbs.



COUPLERS

- Available with or without pin and chain
- SAE Classes 1-4 (for gross trailer weights up to 2,000 - 6,000 lbs.)
- Fits 1-7/8" - 2" hitch balls and 2" - 3" wide trailer tongues
- Zinc plated TUFFPLATE® finish on all models (except powder coated matte black on model 990)
- Exclusive Quick-Lock ball clamp assembly can be easily **adjusted without tools**
- Repair kits are available to quickly replace all parts except for the housing
- Made in the U.S.A.



995 P-4



990-3 Standard
990-3N without Jack Hole



980 P-2
w/ 6295 Coupler
Grip installed

COUPLER SPECIFICATIONS	MODEL	SAE CLASS	BALL SIZE	HOUSING WIDTH (INSIDE)	SAE Class Specs for Non-Passenger Carrying Trailers
	940-1	1	1-7/8"	2"	SAE CLASS 1 For gross trailer weights up to 2,000 lb / 907 kg
	960-1	1	1-7/8"	2-1/2"	SAE CLASS 2 For gross trailer weights up to 3,500 lb / 1500 kg
	970-1	1	1-7/8"	3"	SAE CLASS 3 For gross trailer weights up to 5,000 lb / 2268 kg
	980-2	2	2"	3"	SAE CLASS 4 For gross trailer weights up to 10,000 lb / 4536 kg
	981-2	2	2"	2"	
	982-2	2	2"	2-1/2"	
	985-3	3	2"	3"	
	985P-4	4 (6000 lb)	2"	3"	
	990-3	3	2"	A-Frame	

COUPLER BALLS

- Coupler/hitch balls for a perfect fit to D-L couplers
- Machined from solid, cold drawn steel bars
- SAE Classes 1-4 (for gross trailer weights up to 2,000 - 6,000 lbs.)
- 1-7/8" - 2-5/16" ball sizes
- Meets SAE and V-5 standards



6393

6693

COUPLER BALL SPECIFICATIONS	MODEL	SAE CLASS	CAPACITY (lb.)	BALL SIZE	SHANK DIAMETER	SHANK LENGTH	MIN. - MAX. MOUNTING THICKNESS
	6393	4	6000	2-5/16"	1"	2"	5/16" - 15/16"
	6397	2	3500	2"	3/4"	1-1/2"	3/8" - 7/8"
	6692	3	5000	2"	1"	2"	1/4" - 1"
	6693	1 & 2	2000/3500	1-7/8" & 2"	3/4"	1-7/8"	3/4" - 1"

* Also includes adapter to fit 1" hole.



ROLLER BUNKS

ORIGINAL DESIGN

- Pair of 4' or 5' original design roller bunks
- For boats weighing up to 2,500 - 3,000 lbs.
- Heavy 14 gauge steel construction
- 10 or 12 rubber rollers (five or six pairs) on each bunk
- Powder coated matte black finish
- Each set of rollers has some wobble capabilities (up to roughly 10"), providing some self-alignment with the boat hull
- Attach directly to vertically-mounted 2 x 4 bunk boards or existing mounting brackets, or mount with model 6356 brackets
- Made in the U.S.A.



6354



DELUXE STYLE

- Pair of 4' or 5' deluxe style roller bunks
- For boats weighing up to 2,500 - 3,000 lbs.
- Heavy 12 gauge steel construction
- 15 or 18 rubber rollers (five or six sets of three) on each bunk
- Galvanized finish
- Each set of rollers is wider (three rollers instead of the original design's two), providing more contact with the boat
- Universal mount attaches directly to either horizontal or vertical positioned 2 x 4 bunk boards or existing mounting brackets, or mount with model 6389 brackets
- Made in the U.S.A.



6387



BRACKETS



6356

- For original design roller bunk models 6354 and 6355



6389

- For deluxe style roller bunk models 6387 and 6388

ROLLER BUNK SPECIFICATIONS	MODEL	LENGTH	NO. OF ROLLERS	FINISH	BOAT CAPACITY
	6354	4'	10 sets of 2	Black	2500 lb / 1134 kg
	6355	5'	12 sets of 2	Black	3000 lb / 1361 kg
	6387	4'	10 sets of 3	Galv.	2500 lb / 1134 kg
	6388	5'	12 sets of 3	Galv.	3000 lb / 1361 kg

Roller bunk brackets allow bunks to be adjusted vertically and angled to cradle the boat hull.



WHEEL BEARINGS & PROTECTORS

TRAILER WHEEL BEARING SETS

6200 SERIES includes:

- 2 bearings with races
- 1 grease seal
- 1 cotter pin

6500 SERIES includes:

- 2 bearings with races
- 1 grease seal
- 1 cotter pin
- 1 dust cap



6200

GREASE KEEPER® CAPS

- 3/4", 1", 1-1/16", and 1-1/4" options available
- Zinc plated steel dust caps with grease zirk and pressure relief valve
- Protects wheel bearings from water and dirt with a positive hub seal
- Supplies a reserve of lubrication and has built-in positive relief
- Longer time between periodic repacking of bearings
- Protects and extends bearing life
- Zirk permits frequent greasing and relief valve eliminates excess pressure on grease seal



6332



6527

DUST CAPS
2 dust caps per package
6526- 3/4"
6527- 1" & 1-1/16"
6528- 1-1/4"



6531

DUST COVERS ONLY
2 dust covers for Grease Keeper caps per package
6531 fits 6331
6532 fits 6332
6533 fits 6333

WHEEL BEARINGS & PROTECTORS SPECIFICATIONS

	MODEL	SPINDLE O.D.	OUTER HUB I.D.	OUTER BEARING CONE NO.	INNER BEARING CONE NO.	OUTER CUP NO.	INNER CUP NO.
Wheel Bearing Sets	6200 & 6500	3/4"	1.781	LM11949	LM11949	LM11910	LM11910
	6201 & 6501	3/4"	1.938	09067	09067	09195	09195
	6202 & 6502	1"	1.980	L44643	L44643	L44610	L44610
	6202-WBP	Same as 6202 with Wheel Bearing Protector replacing Dust Cap					
	6203 & 6503	1-1/16"	1.980	L44649	L44649	L44610	L44610
	6204 & 6504	1-1/4"	2.328	LM67048	LM67048	LM67010	LM67010
	6205 & 6505	1-1/16" x 3/4"	1.781	LM11949	L44649	LM11910	L44610
	6206 & 6506	1-1/4" x 3/4"	1.781	LM11949	LM67048	LM11910	LM67010
Protectors	6207 & 6507	1-3/8" x 1-1/16"	1.980	L44649	L68149	L44610	L68111
	6208 & 6508	1-3/8" x 1-1/16"	1.980	L44649	L68149	L44610	L68111
	6331	3/4"	1.781	LM11949	-	LM11910	-
	6332	1"	1.980	L44643	-	L44610	-
	6332	1-1/16"	1.980	L44649	-	L44610	-
Seals & Cotter Keys	6333	1-1/4"	2.328	LM67048	-	LM67010	-
	6511	1-1/16"	1.980	Set of 2 ea. seals #203106 & 2 ea. Cotter keys #203814 for kits #6202, 6203, 6205, 6502, 6503, & 6505.			
	6512	1-1/4"	2.328	Set of 2 ea. seals #203122 & 2 ea. Cotter keys #203814 for kits #6204, 6206, 6504, & 6506.			
	6513	1-3/8"	2.561	Set of 2 ea. seals #203884 & 2 ea. Cotter keys #203814 for kits #6207, 6208, 6507, & 6508.			
	6514	3/4"	1.781	Set of 2 ea. seals #203612 & 2 ea. Cotter keys #203814 for kits #6200 & 6500.			
Dust Caps	6515	3/4"	1.938	Set of 2 ea. seals #203100 & 2 ea. Cotter keys #203814 for kits #6201 & 6501.			
	6526	3/4"	1.781	LM11949	-	LM11910	-
	6527	1"	1.980	L44643	-	L44610	-
	6527	1-1/16"	1.980	L44649	-	L44610	-
	6528	1-1/4"	2.328	LM67048	-	LM67010	-

6500 Series- same as 6200 Series, except no dust cap is included.

RIGID MARINE JACKS



- For boat and other trailer applications
- 1,000 - 2,500 lb. capacities
- 15" total travel
- 23-1/2" - 38-1/2" maximum tongue heights
- Side wind handle with extra heavy screw drive and ergonomic handle grip
- Heavy duty polypropylene 6" wheel or heavy duty steel foot
- Zinc plated TUFFPLATE® finish for additional rust resistance and longer life
- Model 6418 A-frame jack is available with either a removable wheel or foot
- Made in the U.S.A.



6816



6418



6814

RIGID JACK SPECIFICATIONS	MODEL	CAPACITY	MOUNTING	TYPE	WHEEL/FOOT	MAXIMUM TONGUE HEIGHT	MAXIMUM TONGUE SIZE
	6414	1000 lb / 454 kg	Rigid-Side Mount	Screw	Wheel	25-3/4"	3" x 5"
	6418	1000 lb / 454 kg	A-Frame	Screw	Separate	29-3/4"	N/A
	6814	1250 lb / 567 kg	Rigid-Side Mount	Screw	Wheel	25-1/4"	3" x 5"
	6816	2000 lb / 907 kg	Rigid-Side Mount	Screw	Foot	23-1/2"	3" x 5"
	6820	2000 lb / 907 kg	Rigid-Side Mount	Screw/Drop Lag	Foot	38"	3" x 5"
	7201	2500 lb / 1134 kg	Rigid-Side Mount	Screw/Drop Lag	Foot	38-1/2"	3" x 5"

All jack models above have side wind handle and 15" travel.

7201 IMPORTED JACK
• Tested to D-L standards





SWIVEL MARINE JACKS



- For boat and other trailer applications
- 1,000 - 1,500 lb. capacities
- 10" - 12" total travel
- 24-3/4" - 29" maximum tongue heights
- Side wind handle with extra heavy screw drive and ergonomic handle grip
- Heavy duty polypropylene 6", 8" slotted, or dual 6" wheels resist flat spots and cold weather cracking
- Zinc plated TUFFPLATE® finish for additional rust resistance and longer life
- Easily swivels up for towing or down for stowing and locks in place in either position
- Models available with reinforced wheel brackets for additional strength, higher travel where a taller jack is advantageous, and an independent wheel (wheel bracket rotates independent from inner post) for extra maneuverability over rough terrain like sand or gravel
- Includes all necessary bolt-on mounting hardware
- Made in the U.S.A.



SWIVEL MARINE JACKS



SWIVEL JACK SPECIFICATIONS	MODEL	CAPACITY	WHEEL	TRAVEL	MAXIMUM TONGUE HEIGHT	SWIVEL PIN DIAMETER
	6400	1000 lb / 454 kg	6"	10"	25"	3/8"
	6430	1000 lb / 454 kg	8"	10"	25"	1/2"
	6709	1000 lb / 454 kg	6"	12"	29"	3/8"
	6800	1500 lb / 680 kg	6" Dual	12"	28-1/2"	1/2"
	6850	1500 lb / 680 kg	8"	10"	24-3/4"	1/2"
	6851	1500 lb / 680 kg	8"	10"	24-3/4"	1/2"

All jack models above fit tongues up to 3" x 5", have side wide handles, and are bolt-on.





JACK ACCESSORIES



HANDLES

- **6619**- Top wind handle
- **6810A**- Side wind handle for jacks with a 2" outer tube and a date code after 4296 (week 42 of 1996)
- **6811A**- Side wind handle for jacks with a 2-1/4" outer tube and a date code after 4296 (week 42 of 1996)
- **6811XP**- Side wind handle for model DLX-P
- **6811XS**- Side wind handle for models DLX-SF and DLX-SW

WHEELS AND FEET

- **6806**- 6" wheel for jacks with capacities of 1,200 lbs. or less
- **6802**- Dual 6" wheels for model 6800
- **6805**- Heavy duty 6" wheel for model 6814
- **6807**- 8" wheel for jacks with capacities up to 1,500 lbs.
- **6807W**- 8" wheel (3" wide) for models DLX-P and DLX-SW
- **Articulating Foot**- For model DLX-SF
- **6604**- 6" removable wheel for model 6418
- **6606**- Heavy duty removable steel foot for model 6418
- **6613A**- 6" heavy duty removable wheel for A-frame ag-industrial jacks
- **6614A**- Heavy duty removable steel foot for A-frame ag-industrial jacks
- **Drop Leg Post with Foot**- For model 7201

TOP CAPS

- **6601**- For 2" diameter outer tubes
- **6602**- For 2-1/4" diameter outer tubes
- **6602XP**- For model DLX-P
- **6602XS**- For models DLX-SF and DLX-SW

MITER GEAR KITS

- **6812B**- For jacks with a capacity up to 1,000 lbs., a 2" diameter outer tube, and a date code after 3397 (week 33 of 1997)
- **6812A**- Similar to 6812B, but with a date code between 4296 (week 42 of 1996) and 3397 (week 33 of 1997)
- **6813A**- For jacks with a capacity of 1,250 to 2,000 lbs., a 2-1/4" diameter outer tube, and a date code after 4296 (week 42 of 1996)
- **6813XS**- For models DLX-SF and DLX-SW



SWIVEL PLATE KITS

- **6808**- For 4-bolt jacks with a 3/8" or 1/2" swivel pin and up to 1,500 lb. capacity
- **6809**- For 2-bolt jacks with a 3/8" or 1/2" swivel pin and up to 1,000 lb. capacity
- **6808XP**- For model DLX-P
- **6808XS**- For models DLX-SF and DLX-SW

SWIVEL PIN KITS

- **3/8", 1/2", and a 1/2" BRACKET COVER VERSION** for models DLX-SF and DLX-SW



WELD-ON BRACKETS

- **6611**- For all jacks with a 3/8" pin
- **6616**- For all jacks with a 1/2" pin
- **KITS FOR DLX-P and DLX-SF/ DLX-SW** also available

MOUNTING HARDWARE

- **6804**- For all marine jacks except models DLX-SF, DLX-SW, 6418, and 6418 with wheel
- **6804XS**- For models DLX-SF and DLX-SW
- **6819**- Extension kit allows for mounting to a square tongue up to 3" x 6" instead of the standard 3" x 5"



6612 JACK BOTTOM SUPPORT PLATE

- Provides extra support so jack will not lean
- For Goldenrod® A-frame ag-industrial jacks



6608 WHEEL LOCK

- Grips wheel to eliminate wheel roll
- For most tongue jacks with a 6" wheel



DLX-P SWIVEL COVER BRACKET

- Includes a left side cover, right side cover, and a 4" screw to hold both sides together



6617 SNAP RING

- For Goldenrod® ag-industrial swivel jacks
- 2-1/2"



6615 MOUNTING TUBE AND 6618 DETENT PIN

- For mounting ag-industrial jacks



GOLDENROD® AG-INDUSTRIAL JACKS

- For farm equipment and other trailer applications
- 2,000 - 5,000 lb. capacities
- 10 - 15" total travel
- 15-1/2" - 27" overall heights
- Side or top wind handle with extra heavy screw drive and ergonomic handle grip
- Heavy duty steel foot
- Powder coated matte black finish
- Model 6670 A-frame jack is available with a removable wheel or foot and an optional support plate
- Made in the U.S.A.



6633 w/
tube
mounting



MODEL	CAPACITY	MOUNTING	HANDLE TYPE	TRAVEL	OVERALL HEIGHT (2)	BRACKET HEIGHT (3)
6620	2000 lb / 907 kg	6615 Tube Mount	Side	10"	18"	11-1/2"
6621	2000 lb / 907 kg	6616 Weld-On Bracket	Side	10"	18"	11-1/2"
6623	2000 lb / 907 kg	6615 Tube Mount	Side	15"	27"	15"
6624	2000 lb / 907 kg	6616 Weld-On Bracket	Side	15"	27"	15"
6630	2000 lb / 907 kg	6615 Tube Mount	Top	10"	15-1/2"	11-1/4"
6631	2000 lb / 907 kg	6616 Weld-On Bracket	Top	10"	15-1/2"	11-1/4"
6633	2000 lb / 907 kg	6615 Tube Mount	Top	15"	24-3/4"	14-3/4"
6634	2000 lb / 907 kg	6616 Weld-On Bracket	Top	15"	24-3/4"	14-3/4"
6675	5000 lb / 2268 kg	6615 Tube Mount	Top	15"	24-3/4"	14-3/4"
6670	2000 lb / 907 kg	A-Frame	Top	14"	20-1/2"	8-1/4"
6670B	2000 lb / 907 kg	A-Frame (1)	Top	14"	20-1/2"	8-1/4"
6671	5000 lb / 2268 kg	A-Frame	Top	14"	20-1/2"	10-1/4"
6671B	5000 lb / 2268 kg	A-Frame (1)	Top	14"	20-1/2"	10-1/4"

- (1) 6612 support plate included. See page 24.
(2) Overall height is measured from top of jack to ground in retracted position, not including handle.
(3) Center of swivel point to ground when retracted.



- 16 oz. (1 pt.) or 32 oz. (1 qt.) capacities
- Three spout options-
 - 7-1/2" or 11" straight with angle spout tip
 - 7-1/2" or 11" angle with angle spout tip
 - 10" or 15" flexible with straight spout tip
- Powder coated matte black finish
- Heavy gauge steel body
- Made in the U.S.A.

HEAVY DUTY PUMP OILER SPECIFICATIONS	MODEL	CAPACITY	SPOUT NUMBER	SPOUT TYPE	SPOUT LENGTH
	120-A1	1 qt. / 95L	301012	Straight	11" / 280mm
	120-A2	1 qt. / 95L	301015	Angle	11" / 280mm
	120-A3	1 qt. / 95L	301026	Flexible	15" / 381mm
	120-C1	1 pt. / 47L	301014	Straight	7-1/2" / 191mm
	120-C2	1 pt. / 47L	301017	Angle	7-1/2" / 191mm
	120-C3	1 pt. / 47L	301024	Flexible	10" / 254mm



120-A1



120-C2



120-A3



INDUSTRIAL PUMP



700

730

707



- 12 oz. or 16 oz. (1 pt.) capacities
- Three spout options-
 - 8" straight with oil cup cap lifter spout tip
 - 8" angle with oil cup cap lifter spout tip
 - 8" flexible with straight spout tip
- Powder coated matte black finish with zinc plated top cap
- Large plated handle is comfortable to use
- Made in the U.S.A.

INDUSTRIAL PUMP OILER SPECIFICATIONS	MODEL	CAPACITY	SPOUT NUMBER	SPOUT TYPE	SPOUT LENGTH
	700	12 oz. / 35L	301167	Straight	8" / 203mm
	707	12 oz. / 35L	301164	Flexible	8" / 203mm
	720	12 oz. / 35L	301162	Angle	8" / 203mm
	725	16 oz. / 47L	301167	Straight	8" / 203mm
	727	16 oz. / 47L	301164	Flexible	8" / 203mm
	730	16 oz. / 47L	301162	Angle	8" / 203mm

- 6 oz. or 10 oz. capacities
- Three spout options-
 - 5" straight with oil cup cap lifter spout tip
 - 4" straight with oil cup cap lifter spout tip
 - 6" flexible with straight spout tip
- Powder coated matte black finish or gray or yellow plastic container with zinc plated top cap
- Flared bottom or wide base to prevent tipping
- Model 600 available with case hardened trigger to handle thicker liquids
- Made in the U.S.A.

PISTOL PUMP OILER SPECIFICATIONS	MODEL	CAPACITY	SPOUT TYPE	SPOUT LENGTH
	600	6 oz. / 18L	Straight	5" / 127mm
	600 Hard Trigger	6 oz. / 18L	Straight	5" / 127mm
	606S	6 oz. / 18L	Straight	5" / 127mm
	606	6 oz. / 18L	Flexible	6" / 152mm
	606S	6 oz. / 18L	Flexible	6" / 152mm
	610	6 oz. / 18L	Straight	4" / 102mm
	625	10 oz. / 29L	Straight	5" / 127mm
	626	10 oz. / 29L	Flexible	6" / 152mm



600



606S



610



626



SPRING BOTTOM

- 6 oz. or 12 oz. capacities
- 7" flexible spout with straight spout tip
- Powder coated matte black finish with zinc plated top cap
- Press on the bottom of the container to dispense fluid
- Made in the U.S.A.



507

SPRING BOTTOM OILER SPECIFICATIONS

MODEL	CAPACITY	SPOUT TYPE	SPOUT LENGTH
506	6 oz. / 18L	Flexible	7" / 178mm
507	12 oz. / 35L	Flexible	7" / 178mm

SPRAY TIP

- 6 oz. or 10 oz. capacities
- 5" straight spout with spray tip
- Powder coated matte black finish with zinc plated top cap
- Adjust spray tip from a fine mist to a jet stream
- Made in the U.S.A.

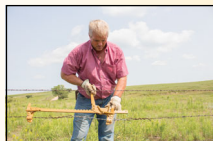
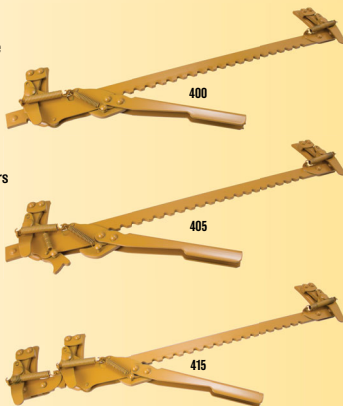


624

SPRAY TIP OILER SPECIFICATIONS

MODEL	CAPACITY	SPOUT TYPE	SPOUT LENGTH
601	6 oz. / 18L	Straight	5" / 127mm
624	10 oz. / 29L	Straight	5" / 127mm

- Fence stretcher-splacers for wire fences
- Splice, stretch, and reposition high tensile, barbed, or smooth wire fences quickly and easily
- Model 400 is the original, reliable design
- Model 405 has a controlled release holding ratchet to reduce line stress and breakage when wire is released
- Model 415 has a third hook design that allows for an unlimited amount of tightening and stretching without resetting tool
- Replacement springs and wire guides are available for quick repairs
- Made in the U.S.A.



FENCE STRETCHER-SPLICER SPECIFICATIONS				
MODEL	DESCRIPTION	FEATURES	REPLACEMENT SPRINGS	WIRE GUIDES
400	Standard fence tool	Original reliable design	400-S	445
405	Controlled release fence tool	Reduced line breakage release ratchet	405-S	445
415	Hired Hand® fence tool	3rd hook for longer, unreset pulls	415-S	445

HIRED HAND®

435 GATE CLOSER

- Attach to stationary post (lag screws provided), slip the outer loop over the gate post, then pull the inner loop back to secure the gate
- Faster- open and close gates in a fraction of the time
- Easier- minimal effort required to install and operate
- Safer and more secure- no wires that break or loosen over time
- Great for gates that are used often- in farming, hunting, fishing, etc.



DurapatchUV™

- UV or sunlight activated fiberglass reinforced self-adhesive repair patch
- Extremely durable, reinforced polyester/plastic
- Bonds to all surfaces (except polypropylene)- plastic, metals, wood, fiberglass, glass, polyethylene, ceramics, concrete, and more
- Available in 2" x 3", 3" x 6", 6" x 9", and 9" x 12"
- Easy application with no mixing, weighing, shrinkage, or expansion- just cut, peel, and stick
- Fast cure (15-30 minutes) and cures rock hard
- Can be drilled, tapped, sanded, or painted in less than an hour
- Resistant against impact, UV, many chemicals, solvents, oils, and temperatures from -40°C to 200°C
- Rot-proof, weatherproof, and waterproof
- Non-flammable, non-toxic, and not harmful to the skin
- FDA approved safe
- Made in the U.S.A.



DURAPATCHUV SPECIFICATIONS	MODEL	SIZE
	DP23	2" x 3"
	DP36	3" x 6"
	DP69	6" x 9"
	DP912	9" x 12"



Before



After



Before



After



Before



After

Applying DurapatchUV is as easy as 1... 2... 3...



1. Surface should be cleaned, dry, and free of any contaminants. Cut patch into any size you want without exposing to UV / sunlight. Place remaining material back in foil protective bag.



2. Remove white backing tape to expose the sticky resin. Apply patch to repair area with sticky side down and press firmly.



3. Remove film backing on other side of application and expose to UV or sunlight. Curing times depend on UV intensity between five minutes (sunny) and 50 minutes (cloudy) or use a UV light indoors with a minimum of 51 lumens.

- General purpose fuel tank filters for farm, construction, and industrial applications
- For use with common fuels including regular and unleaded gasoline, diesel fuel, gasohol, ethanol, and various fuel oils; related additives including methyl, ethyl, and isopropyl alcohol; and biodiesel blends up to 20%
- Replaceable elements remove microscopic particles of contaminants (rust, sand, dirt, scale, and lint) as small as 10 or 17 microns
- See-Thru translucent polymer bowl allows for visual monitoring of fuel flow, is alcohol and impact resistant, and stands up to harsh weather conditions
- Heavy duty zinc die-cast top cap with 3/4" or 1" NPT pipe fittings provides durability and an excellent bowl-to-cap seal
- Easy-to-use sediment drain valve at bottom of bowl
- Maximum recommended flow rate is 25 gpm
- Gravity flow rate is approximately 5 gpm with a 24" head
- Working pressure up to 150 psi
- WATER-BLOCK® models 496 and 496-3/4's water-absorbing polymers trap water (up to approximately one-half cup), restricting fuel flow when it's time to replace the element
- Works well by themselves or in combination for greater filtering efficiency and longer element life
- Made in the U.S.A.



470-5 STANDARD ELEMENT

- Standard replacement
- For models 495 and 495-3/4
- 10 microns

470-15 STRAINER

- Stainless steel
- 40 mesh
- 381 microns

470 TOP CAP

- For all See-Thru bowl models
- Heavy duty zinc die cast
- 3/4" or 1" NPT pipe fittings

496-5 WATER-BLOCK® ELEMENT

- Removes water from fuel
- For models 496 and 496-3/4
- 17 microns



470-16 STRAINER

- Stainless steel
- 80 mesh
- 178 microns



495-4 REPLACEMENT BOWL

- For all See-Thru bowl models
- Use a 491 fuel tank filter wrench to prevent cracking the bowl



491



- General purpose fuel tank filters for farm, construction, and industrial applications
- For use with common fuels including regular and unleaded gasoline, diesel fuel, gasohol, ethanol, and various fuel oils; related additives including methyl, ethyl, and isopropyl alcohol; and biodiesel blends up to 20% (up to 100% for models 597 and 597-3/4)
- Convenient disposable canisters remove microscopic particles of contaminants (rust, sand, dirt, scale, and lint) as small as 10 microns
- Heavy duty zinc die-cast or nickel-plated top cap with 3/4" or 1" NPT pipe fittings provides durability and an excellent canister-to-cap seal
- Maximum recommended flow rate is 25 gpm
- Gravity flow rate is approximately 5 gpm with a 24" head
- Working pressure up to 50 psi
- WATER-BLOCK® models 596 and 596-3/4's water-absorbing polymers trap water (up to approximately one-half cup), restricting fuel flow when it's time to replace the canister
- Models 595 and 596 work well by themselves or in combination for greater filtering efficiency and longer canister life
- BIO-FLO® models 597 and 597-3/4 have a special buna rubber gasket that resists swelling and stainless steel internal element components
- Made in the U.S.A.



595-5 STANDARD CANISTER

- Standard replacement
- For models 595 and 595-3/4
- 10 microns

597-5 BIO-FLO® CANISTER

- For 100% biodiesel or biodiesel blends
- For models 597 and 597-3/4
- 10 microns

596-5 WATER-BLOCK® CANISTER

- Removes water from fuel
- For models 596 and 596-3/4
- 10 microns



570 TOP CAP

- For models 595, 595-3/4, 596, and 596-3/4
- Heavy duty zinc die cast
- 3/4" or 1" NPT pipe fittings



BOWL FUEL TANK FILTER SPECIFICATIONS	MODEL	DESCRIPTION	SIZE	MICRON RATING	WORKING PRESSURE (PSI)	REPLACEMENT ELEMENT	TOP CAP
	495	Standard bowl fuel tank filter with 1" NPT top cap	9-1/2" x 4"	10	150	470-5	470-1
	495-3/4	Standard bowl fuel tank filter with 3/4" NPT top cap	9-1/2" x 4"	10	150	470-5	470-3/4
	496	Water-Block® bowl fuel tank filter with 1" NPT top cap	9-1/2" x 4"	17	150	496-5	470-1
	496-3/4	Water-Block® bowl fuel tank filter with 3/4" NPT top cap	9-1/2" x 4"	17	150	496-5	470-3/4
	470-15	Stainless steel 40 mesh strainer	5-3/4" x 2-1/2"	381	N/A	N/A	470-1 or 470-3/4
	470-16	Stainless steel 80 mesh strainer	5-3/4" x 2-1/2"	178	N/A	N/A	470-1 or 470-3/4

CANISTER FUEL TANK FILTER SPECIFICATIONS	MODEL	DESCRIPTION	SIZE	MICRON RATING	WORKING PRESSURE (PSI)	REPLACEMENT CANISTER	TOP CAP
	595	Standard canister fuel tank filter with 1" NPT top cap	7-1/2" x 3-3/4"	10	50	595-5	570-1
	595-3/4	Standard canister fuel tank filter with 3/4" NPT top cap	7-1/2" x 3-3/4"	10	50	595-5	570-3/4
	596	Water-Block® canister fuel tank filter with 1" NPT top cap	7-1/2" x 3-3/4"	10	50	596-5	570-1
	596-3/4	Water-Block® canister fuel tank filter with 3/4" NPT top cap	7-1/2" x 3-3/4"	10	50	596-5	570-3/4
	597	BIO-FLO® canister fuel tank filter with 1" NPT top cap	7-1/2" x 3-3/4"	10	50	597-5	570-1N
	597-3/4	BIO-FLO® canister fuel tank filter with 3/4" NPT top cap	7-1/2" x 3-3/4"	10	50	597-5	570-3/4N





DUTTON-LAINSON COMPANY

