

LeTourneau W-1500 Anchor Winch

The powerful W-1500 Winch is simple to operate and gives years of service. It is constructed with matched components which have been proven on hundreds of applications.

This compact winch has a cable capacity of 3,000 feet of 1-1/4" diameter cable. Direct drive gives instant power response. The two-speed motor drives the cable drum through a short, completely enclosed drive train. It has no clutch or transmission with their associated maintenance. The W-1500 has a free-spooling feature that is made possible by a manually operated, multiple-disc brake.

Brake: Regenerative braking provides auto overspeed control. Electromagnetically controlled spring-loaded, multiple-disc type on drive motor provides secure holding. Manually controlled, multiple-disc brake on drum provides controlled free-spooling payout of line.

Controls: Pendant hand held remote with selector switch for LOW and HIGH speed operation and spring-loaded buttons for IN and OUT operation of the cable. Manually operated lever on winch side for free-spooling of drum brake.

SPECIFICATIONS W - 1500 (2 - speed)

	U.S.	Metric
Line Pull (1st Wrap)	50,000 lbs.	222 kn

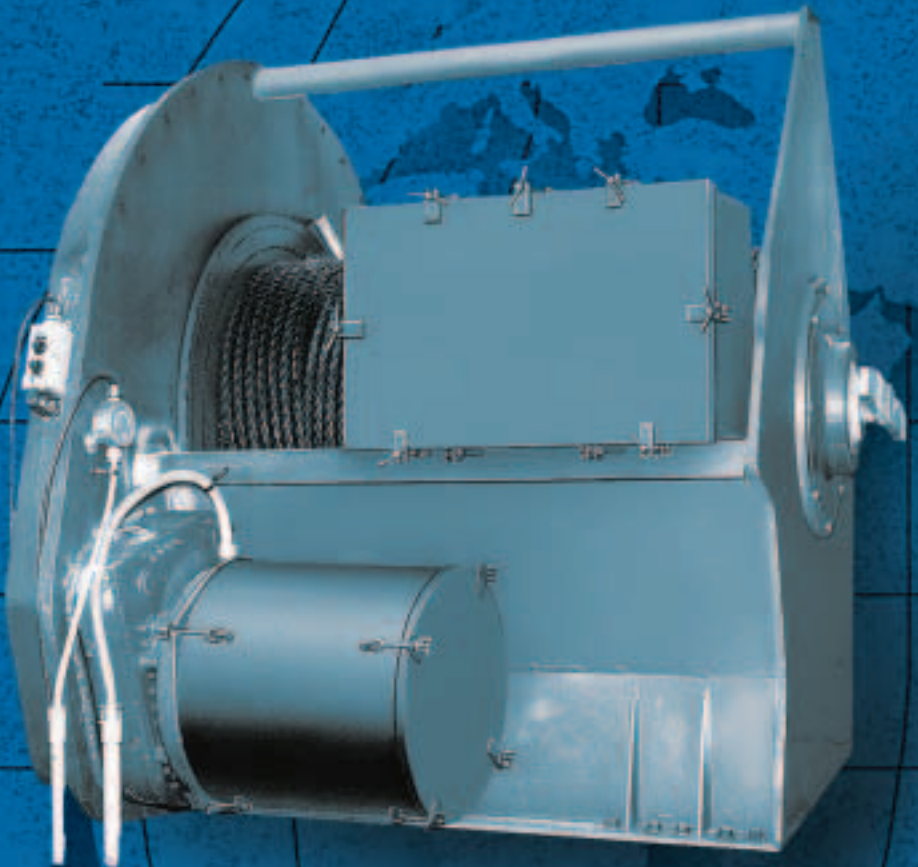
Line Speed (1st Wrap)		
Low Speed	20 fpm	0.10 m/s
High Speed	40 fpm	0.20 m/s

Holding Capacity (1st Wrap)	130,000 lbs.	578 kn
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Drum Capacity		
1-1/4" Wire Rope	3,000 ft.	914 m
1-3/8" Wire Rope	2,500 ft.	762 m
1-1/2" Wire Rope	2,000 ft.	610 m

Dimensions		
Height	8'-2"	2,489 mm
Width	6'-11"	2,108 mm
Length	8'-2"	2,489 mm
Weight (bare)	15,450 lbs.	7,008 kg

Power 480 volt, 60 Hz, 3-phase, 125 amp supply



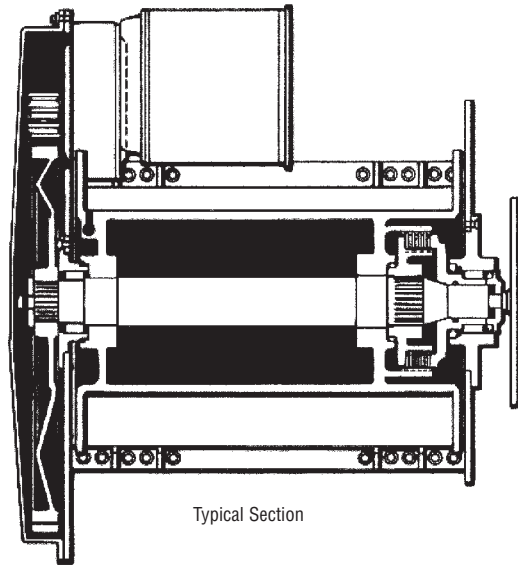
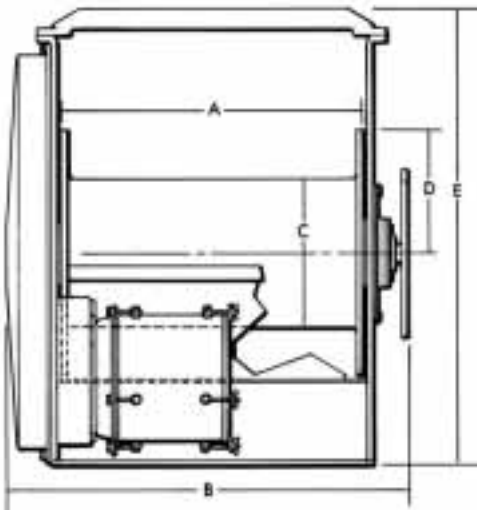
50,000 LBS. LINE PULL



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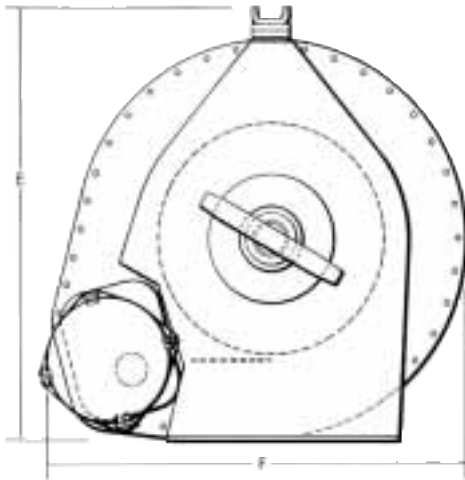
W-1500 WINCH



Typical Section

Direct Drive Cable Drum

Manually operated, multiple-disc brake and all-welded steel frame.



A - 64" 1626 mm	B - 83" 2108 mm
C - 30" 762 mm	D - 25" 635 mm
E - 85-1/2" 2172 mm	F - 98" 2489 mm

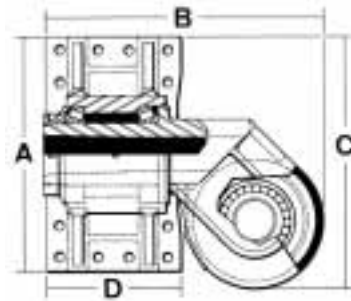
Optional Features

- Lebus grooved drums
- Lebus level-wind compensator

LeTourneau Built Components

FAIRLEAD ASSEMBLY

16" Heavy Duty Sheave



A - 30" 762 mm	B - 36" 914 mm
C - 32-1/2" 826 mm	D - 17-1/2" 445 mm

NO. 5 AC MOTOR

Approximate Weight 1100 lbs. / 490 kg

Typical Cutaway

3 Phase - Squirrel Cage Induction Motor

R.P.M.	900/1800
Volts	460 VAC
Cycles	60
Drive Pinion	12 Tooth - 6 Pitch
Electro-Magnetic Multiple Disc Brake	14 Face - 6 Segment

NO. 4 GEAR BOX

Approximate Weight 800 lbs. / 362.4 kg

7 Tooth Final Box Pinion

Typical Cutaway



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LeTourneau has made every effort to make these specifications as accurate as possible at the time of printing. However, we reserve the right to make changes and improvements at any time without notice in equipment, materials and specifications. To ensure the most current information, please contact your LeTourneau Marine representative.