



Dayton

**THERN**

**Industrial-Duty Hand Winches**

■ Cable sold separately

Adjustable-length handles to change the force required to lift or pull a load. Use bronze and ball bearings.

**Spur Gear with Brake**—Automatic Weston-style brake provides positive load control to assist with lifting and lowering.

**Worm Gear**—Provides load-holding capability when handle is released. Use in applications where fine adjustments may be necessary. 2ZU39 is designed to be operated with 400 rpm max drill drive.

1st Layer Load Capacity	Winch Gear Ratio	Brake Included	Frame Material	Winch Drum Capacity				Overall Dimensions			Brand	Item No.
				1/8" Cable	3/16" Cable	1/4" Cable	5/16" Cable	L	W	H		
<b>Spur Gear</b>												
<b>For Lifting Applications</b>												
1,000 lb	3.83:1	Yes	SS	240 ft	110 ft	59 ft	39 ft	8 3/4 in	8 in	6 1/2 in	Dayton	36WF99
2,000 lb	14.7:1	Yes	Steel	—	110 ft	59 ft	39 ft	10 1/4 in	8 in	7 1/4 in	Dayton	36WG02
2,000 lb	14.7:1	Yes	SS	—	110 ft	59 ft	39 ft	10 1/4 in	11 in	7 1/4 in	Dayton	36WG03
<b>For Lifting or Pulling Applications</b>												
1,000 lb	3.83:1	Yes	SS	240 ft	110 ft	59 ft	—	8 1/4 in	13 25/32 in	13 1/2 in	Thern	1VN83
2,000 lb	14.7:1	Yes	Steel	—	110 ft	59 ft	39 ft	10 in	14 1/2 in	15 3/16 in	Thern	1VN85
10,000 lb	25:1	Yes	Steel	—	—	—	540 ft	20 3/8 in	25 in	26 in	Thern	3DNZ3
1,000 lb	2.85:1	Yes	Steel	130 ft	57 ft	—	—	7 7/8 in	12 1/2 in	13 1/2 in	Thern	1VN82
2,000 lb	14.7:1	Yes	SS	—	110 ft	59 ft	39 ft	10 in	14 1/2 in	15 3/16 in	Thern	1VN86
4,000 lb	19.54:1	Yes	Steel	—	—	300 ft	200 ft	15 1/4 in	22 in	24 3/8 in	Thern	3DNZ7
<b>For Pulling Applications</b>												
1,000 lb	2.85:1	No	Steel	130 ft	57 ft	—	—	7 7/8 in	9 in	13 3/16 in	Thern	1VN81
2,000 lb	14.7:1	No	Steel	—	110 ft	59 ft	39 ft	10 in	12 13/16 in	13 13/32 in	Thern	1VN84
2,000 lb	14.7:1, 3.83:1	No	Steel	—	110 ft	59 ft	39 ft	10 1/4 in	8 in	7 1/4 in	Dayton	36WG01
4,000 lb	19.54:1	No	Steel	—	—	300 ft	200 ft	15 1/4 in	22 in	24 1/2 in	Thern	3DNZ6
10,000 lb	25:1	No	Steel	—	—	—	540 ft	20 3/8 in	25 in	30 in	Thern	3DNZ2
10,000 lb	25:1, 5:1	No	Steel	—	—	—	540 ft	20 3/8 in	18 3/8 in	18 3/4 in	Dayton	36WG06
<b>Worm Gear</b>												
<b>For Lifting or Pulling Applications</b>												
1,000 lb	15:1	Yes	Steel	140 ft	61 ft	—	—	7 1/2 in	11 13/16 in	15 19/32 in	Thern	2VKH6
2,000 lb	32:1	Yes	Steel	—	—	77 ft	52 ft	13 1/2 in	15 9/16 in	17 3/16 in	Thern	2ZU39
4,000 lb	26:1	Yes	Steel	—	—	300 ft	200 ft	14 in	21 in	29 3/16 in	Thern	2VKH8
<b>For Pulling Applications</b>												
1,000 lb	15:1	No	Steel	140 ft	61 ft	—	—	6 1/2 in	10 1/4 in	13 3/8 in	Thern	3DNZ4
2,000 lb	24:1	No	Steel	—	140 ft	77 ft	52 ft	10 in	12 in	13 3/8 in	Thern	3DNZ5
2,000 lb	24:1	No	Steel	—	140 ft	77 ft	52 ft	10 3/8 in	8 in	7 3/8 in	Dayton	36WF96
4,000 lb	26:1	No	Steel	—	—	300 ft	200 ft	14 in	19 in	22 3/8 in	Thern	3DNZ8

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**Hand Winches**

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Feature a corrosion-resistant frame, with a rubberized handle grip for added comfort. Floor- and wall-mounted options available.

**Spur Gear Without Brake**—Designed for applications where it may be necessary to pull the line freely from the winch. Manual ratchet locks the load in position; winch will freewheel with the ratchet released. Not recommended for lifting applications.

**Spur Gear With Brake**—Designed for applications where freewheeling is not a requirement. Self-activating disc brake system holds load when the handle is released. Include a guard for the brake.

**Worm Gear**—Provides load-holding capability when handle is released. Use in applications where fine adjustments may be necessary.



1st Layer Load Capacity	Winch Gear Ratio	Brake Included	Frame Material	Winch Drum Capacity				Overall Dimensions			Mfr. Model	Item No.	
				1/8" Cable	3/16" Cable	1/4" Cable	5/16" Cable	L	W	H			
<b>Spur</b>													
<b>For Lifting Applications</b>													
800 lb	4.4:1	Yes	Steel	147 ft	67 ft	—	—	6 1/16 in	6 1/4 in	5 1/2 in	Dutton-Lainson	DLB800A	6W045
1,000 lb	3.83:1	Yes	SS	240 ft	110 ft	59 ft	39 ft	8 3/4 in	8 in	6 1/2 in	Dayton	36WF99	36WF99
1,200 lb	4:1	Yes	Steel	—	57 ft	30 ft	—	7 13/16 in	7 3/16 in	5 13/16 in	Dutton-Lainson	B1202B	33UD40
2,000 lb	14.7:1	Yes	Steel	—	110 ft	59 ft	39 ft	10 1/4 in	8 in	7 1/4 in	Dayton	36WG02	36WG02
2,000 lb	14.7:1	Yes	SS	—	110 ft	59 ft	39 ft	10 1/4 in	11 in	7 1/4 in	Dayton	36WG03	36WG03
2500 lb	12:1	Yes	—	—	76 ft	51 ft	—	11 25/64 in	9 1/2 in	7 in	Dutton-Lainson	B2500	43VN50
3,500 lb	18.7:1	Yes	Steel	—	—	66 ft	44 ft	11 1/2 in	9 13/32 in	7 3/8 in	Dutton-Lainson	B3503	33UD41
<b>For Pulling Applications</b>													
900 lb	3.2:1	No	Steel	87 ft	40 ft	—	—	5 1/8 in	5 1/4 in	4 in	Dutton-Lainson	DL900A	6Z001
1,100 lb	3.7:1	No	Steel	179 ft	81 ft	43 ft	—	6 3/8 in	5 1/4 in	5 3/8 in	Dutton-Lainson	3FKE5	3FKE5
1,100 lb	3.7:1	No	Steel	179 ft	81 ft	43 ft	—	7 3/16 in	5 5/8 in	5 1/2 in	Dutton-Lainson	DL1100A	33UD38
1,200 lb	5.4:1	Yes	Steel	205 ft	93 ft	50 ft	—	7 1/2 in	6 1/2 in	6 3/4 in	Dutton-Lainson	DLB1205A	2YA27 *
1,400 lb	4.4:1	No	Steel	—	75 ft	40 ft	—	7 1/16 in	5 3/4 in	5 5/8 in	Dutton-Lainson	DL1402A	2Z601
1,400 lb	5:1	No	Steel	—	85 ft	42 ft	—	7 1/4 in	4 7/8 in	6 3/8 in	Dayton	12U360	12U360
1,800 lb	5.1:1, 9.78:1	No	Steel	—	123 ft	59 ft	40 ft	10 in	6 1/2 in	6 1/2 in	Dayton	12U361	12U361
1,800 lb	10.3:1, 5.4:1	No	Steel	—	130 ft	70 ft	47 ft	8 3/8 in	6 1/2 in	6 3/8 in	Dutton-Lainson	DL1800A	2Z602
2,000 lb	14.7:1, 3.83:1	No	Steel	—	110 ft	59 ft	39 ft	10 1/4 in	8 in	7 1/4 in	Dayton	36WG01	36WG01
2,500 lb	17.3:1, 5.4:1	No	Steel	—	130 ft	70 ft	47 ft	9 1/2 in	6 1/2 in	7 1/2 in	Dutton-Lainson	DL2500AB	2Z603
3,200 lb	17.3:1, 5.4:1	No	Steel	—	—	62 ft	42 ft	9 1/2 in	6 1/2 in	7 1/2 in	Dutton-Lainson	DL3200A	33UD39
<b>Worm</b>													
<b>For Lifting Applications</b>													
2,000 lb	40:1	No	Steel	—	—	59 ft	—	7 1/2 in	6 in	5 29/32 in	Dutton-Lainson	WG2000HEX	33UD44
2,000 lb	40:1	No	Steel	—	—	59 ft	—	7 1/2 in	6 in	6 13/32 in	Dutton-Lainson	WG2000	33UD43
<b>For Pulling Applications</b>													
2,000 lb	24:1	No	Steel	—	140 ft	77 ft	52 ft	10 3/8 in	8 in	7 3/8 in	Dayton	36WF96	36WF96

\* Includes lever to activate no-load freewheeling.