



	M1	M2	M3
Manual Winch Model	M4312PB	4WM2-K	M4312PBSS
Gear Ratio	14.7 : 1	32 : 1	14.7 : 1
Drill Driveable (400 rpm max)	NO	YES	NO
Crane Weight lbs (kg)	109 (50)	120 (55)	109 (50)
* Load Rating - 1st layer lbs (kg)	1200 (540)	1200 (540)	1200 (540)
* Load Rating - mid drum lbs (kg)	1200 (540)	1200 (540)	1200 (540)
* Load Rating - full drum lbs (kg)	1200 (540)	1200 (540)	1200 (540)
Rope Diameters	3/16" 1/4" 5/16"	- 1/4" 5/16"	3/16" 1/4" 5/16"
Rope Capacity - full drum ft (m)	110 (33.5) 59 (17.9) 39 (11.8)	- 77 (23.4) 52 (15.8)	110 (33.5) 59 (17.9) 39 (11.8)

* Maximum. Crane Load Rating will also vary with boom position.

	E2(L)	E2T(L)	E4(L)	E4DC(L)
Power Winch Model	4WP2-K(L)	4WP2T-K(L)	4777-K(L)	4777DC-K(L)
Gear Ratio	160 : 1	160 : 1	119 : 1	119 : 1
Motor Horsepower hp	1.3	1.3	1.3	1.0
Crane Weight lbs (kg)	154 (70)	164 (75)	176 (80)	200 (91)
* Load Rating - 1st layer lbs (kg)	1200 (540)	1200 (540)	1200 (540)	1200 (540)
* Load Rating - mid drum lbs (kg)	1200 (540)	1200 (540)	1200 (540)	1200 (540)
* Load Rating - full drum lbs (kg)	1200 (540)	900 (410)	1200 (540)	1200 (540)
Line Speed - 1st layer fpm (mpm)	8 (2.4)	8 (2.4)	13 (4.0)	13 (4.0)
Line Speed - mid drum fpm (mpm)	11 (3.4)	13 (4.0)	17 (5.2)	17 (5.2)
Line Speed - full drum fpm (mpm)	13 (4.0)	17 (5.2)	22 (6.7)	22 (6.7)
Rope Diameters	- 1/4" 5/16"	- 1/4" 5/16"	3/16" 1/4" 5/16"	3/16" 1/4" 5/16"
Rope Capacity - full drum ft (m)	- 77 (23.4) 52 (15.8)	- 180 (54.8) 120 (36.5)	156 (47.5) 89 (27.1) 60 (18.2)	156 (47.5) 89 (27.1) 60 (18.2)

* Maximum. Crane Load Rating will also vary with boom position.

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MODEL	5AT2	INCH UNITS UNLESS OTHERWISE SPECIFIED. TOLERANCES UNLESS SPECIFIED: FRAC ± 1" DO NOT SCALE DRAWING. ANGLE ± 9°
SCALE	1/8	DIMENSIONAL DRAWING
DATE	1/15/2024	
DRAWN BY	JCA	
REVISION	D	
DESCRIPTION	A34612	
REVISION	SHEET 2 OF 2	5712 INDUSTRIAL PARK ROAD WINONA, MN 55987 PHONE: 1-507-464-2996 WWW.THERN.COM