

ELECTRIC WINCH

Model: MT-8000

8000lb(3629kg) 12V
Heavy Duty Electric Winch

Specification:

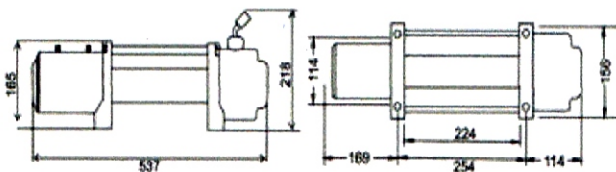
Rated line pull.....	8000lb(3629kg) single line
Motor.....	4.13KW/3.0HP 12V,Permanent magnet
Control.....	Remote switch,12ft(3.7m) lead
Gear train.....	3 Stage Planetary
Gear reduction ratio.....	195.8:1
Clutch.....	Sliding Ring Gear
Braking Action.....	Automatic In-The-Drum
Drum Dimensions.....	Φ2.6"x8.8"(Φ64mmx224mm)
Cable (Dia X L).....	Φ5/16"x94'(Φ8.1mmx28m)
Battery.....	Recommended:650CCA minimum for winching
Battery Leads.....	2 gauge,72"(1.83m)
Finish.....	Black powder coat
Overall dimensions.....	21.1"x6.3"x8.6"(537x160x218mm)
Mounting Bolt Pattern....	254mmx114.3mm
Packing size.....	57X19x34.5cm 1PC/CTN
Weight.....	N.W/G.W:33kg/35kg

Line Speed and Amp Draw(First layer)12V

Line Pull	lb	0	2000	4000	6000	8000
	kg	0	907	1814	2721	3629
Line Speed	ft/min	22.5	11.48	8.53	8.53	5.0
	m/min	6.85	3.5	2.6	2.0	1.4
Motor	Amps	65	90	120	180	210

Line Pull and Cable Capacity

Layers of cable		1	2	3	4
Rated line	lb	8000	6500	5500	4800
Pull per layer	kg	3629	2948	2495	2173
Cumulative	ft	19.6	42.6	68.9	92
Cable capacity	m	6.0	13	21	28



ELECTRIC WINCH

Model: MT-10000

**10000lb(4536kg) 12V
Heavy Duty Electric Winch**

Specification:

Rated line pull..... 10000lb(4536kg) single line
 Motor..... 4.0KW/5.5HP 12V,4.8KW/6.44HP 24V, Series Wound
 Control..... Remote switch,12ft(3.7m) lead
 Gear train..... 3 Stage Planetary
 Gear reduction ratio..... 148.2:1
 Clutch..... Sliding Ring Gear
 Braking Action..... Two-way, Automatic In-The-Drum
 Drum Dimensions..... $\Phi 2.5'' \times 8.8'' (\Phi 64\text{mm} \times 224\text{mm})$
 Cable (Dia X L)..... $\Phi 21/64'' \times 94' (\Phi 8.3\text{mm} \times 28\text{m})$
 Rope (Dia X L)..... $\Phi 23/64'' \times 94' (\Phi 9\text{mm} \times 28\text{m})$
 Fairlead..... 4-Way Roller Fairlead/Hawse Fairlead
 Wireless Remote control... Optional
 Battery..... Recommended:650CCA minimum for winching
 Battery Leads..... 2 gauge,72''(1.83m)
 Finish..... Dark gray powder coat
 Overall dimensions..... 21.1"x6.3"x8.6"(537x160x218mm)
 Mounting Bolt Pattern..... 254mmx114.3mm
 Packing size..... 57X19x34.5cm 1PC/CTN
 Weight (cable winch)..... N.W/G.W:36.5kg/38.5kg
 Weight (rope winch)..... N.W/G.W:26.5kg/28.5kg

Line Speed and Amp Draw(First layer)12V

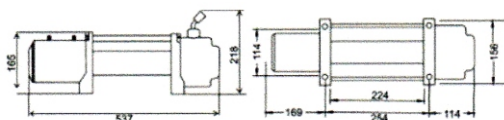
Line Pull	lb	0	2000	4000	6000	8000	10000
	kg	0	907	1814	2721	3628	4536
Line Speed	ft/min	35.4	14.8	11.2	9.5	7.87	5.25
	m/min	10.8	4.5	3.4	2.9	2.4	1.6
Motor	Amps	75	180	220	290	360	420

Line Speed and Amp Draw(First layer)24V

Line Pull	lb	0	2000	4000	6000	8000	10000
	kg	0	907	1814	2721	3628	4536
Line Speed	ft/min	38.9	16.3	12.3	10.4	8.6	5.8
	m/min	11.9	4.9	3.7	3.2	2.6	1.8
Motor	Amps	50	100	145	190	230	290

Line Pull and Cable Capacity

Layers of cable		1	2	3	4
Rated line	lb	10000	7930	6566	5604
Pull per layer	kg	4536	3596	2977	2541
Cumulative	ft	17	38.7	64.6	91.8
Cable capacity	m	5.2	11.8	19.7	28



ELECTRIC WINCH

Model: MT-1 2000

**12000lb(5443kg) 12V
Heavy Duty Electric Winch**

Winch with 500A solenoid and latest gear box assembly & clutch handle



Specification:

Rated line pull.....	12000lb(5443kg) single line
Motor.....	4.8KW/6.6HP 12V, 5.0KW/6.65HP 24V, Series Wound
Control.....	Remote switch, 12ft(3.7m) lead
Gear train.....	3 Stage Planetary
Gear reduction ratio.....	187.2:1
Clutch.....	Keyway Cam
Braking Action.....	Two-way, Automatic In-The-Drum
Drum Dimensions.....	Φ2.5"x8.8"(Φ63.5mmx224mm)
Cable (Dia X L).....	Φ23/64"x90'(Φ9.1mmx27.5m)
Rope (Dia X L).....	Φ10mmx28m
Fairlead.....	4-Way Roller Fairlead/Hawse Fairlead
Wireless Remote control... Optional	
Battery.....	Recommended: 650CCA minimum for winching
Battery Leads.....	2 gauge, 72"(1.83m)
Finish.....	Dark gray powder coat
Overall dimensions.....	21.1"x6.3"x8.6"(537x160x218mm)
Mounting Bolt Pattern.....	254mmx114.3mm
Packing size.....	57X19x34.5cm 1PC/CTN
Weight (cable winch).....	N.W/G.W:37kg/39kg
Weight (rope winch).....	N.W/G.W:27kg/29kg

Line Speed and Amp Draw(First layer)12V

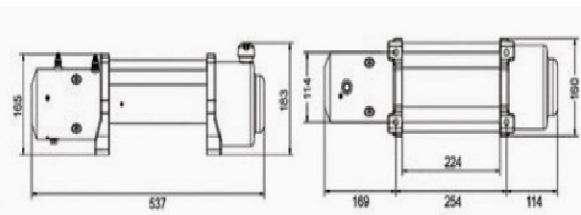
Line Pull	lb	0	4000	6000	8000	10000	12000
	kg	0	1810	2720	3628	4540	5440
Line Speed	ft/min	33.3	16.8	12.8	10.1	8.8	7.6
	m/min	10.3	5.1	3.9	3.1	2.7	2.3
Motor	Amps	85	158	231	302	371	420

Line Speed and Amp Draw(First layer)24V

Line Pull	lb	0	4000	6000	8000	10000	12000
	kg	0	1810	2720	3628	4540	5440
Line Speed	ft/min	35	18.5	14.4	11.5	10	8.9
	m/min	10.8	5.6	4.4	3.5	3.1	2.7
Motor	Amps	50	136	170	210	240	280

Line Pull and Cable Capacity

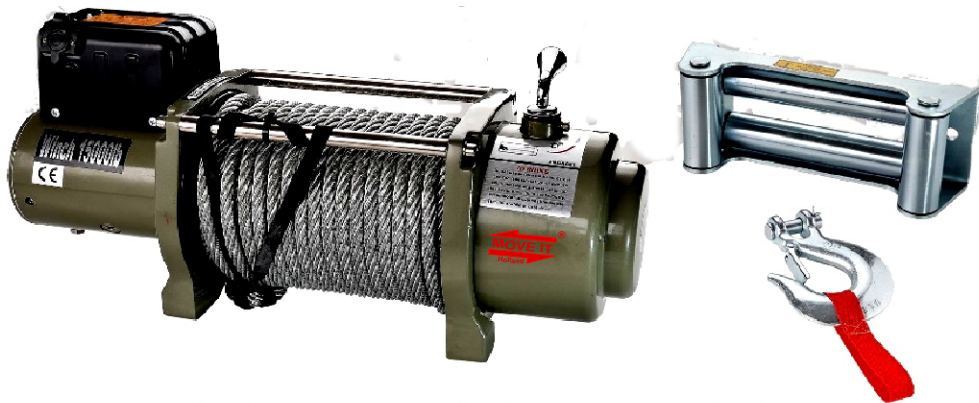
Layers of cable		1	2	3	4
Rated line	lb	12000	9210	8030	6894
Pull per layer	kg	5443	4170	3640	3125
Cumulative	ft	17	41	71	91.8
Cable capacity	m	4.8	12	21	27.5



ELECTRIC WINCH

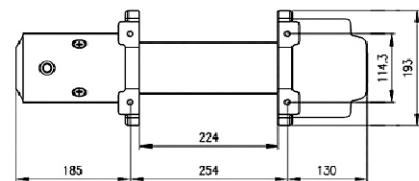
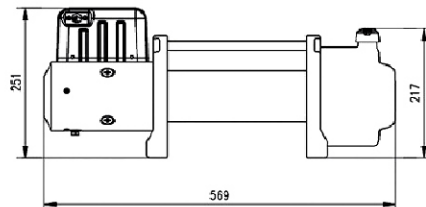
Model: MT-15000

**15000lb(6804kg)
Heavy Duty Electric Winch**



Specification:

Rated line pull..... 15000lb(6804kg) single line
 Motor..... 4.2KW/5.7HP 12V,4.6KW/6.25HP 24V, Series Wound
 Control..... Remote switch,12ft(3.7m) lead
 Gear train..... 3 Stage Planetary
 Gear reduction ratio..... 312.4:1
 Clutch..... Sliding Ring Gear
 Braking Action..... Two-way, Automatic In-The-Drum
 Drum Dimensions..... $\Phi 3.35" \times 8.72"$ ($\Phi 85\text{mm} \times 221.5\text{mm}$)
 Cable (Dia X L)..... $\Phi 7/16" \times 94'$ ($\Phi 11\text{mm} \times 28\text{m}$)
 Fairlead..... 4-Way Roller Fairlead
 Wireless Remote control.. Optional
 Battery..... Recommended:650CCA minimum for winching
 Battery Leads..... 2 gauge,72"(1.83m)
 Finish..... Dark gray powder coat
 Overall dimensions..... 21.5"x7.09"x9.73"(547x160x247mm)
 Mounting Bolt Pattern..... 254mmx114.3mm
 Packing size..... 60X23x38.5cm 1PC/CTN
 Weight..... N.W/G.W:53kg/55kg



Line Speed and Amp Draw(First layer)12V

Line Pull	lb	0	4000	6000	8000	10000	12000	15000
	kg	0	1810	2720	3628	4540	5443	6804
Line Speed	ft/min	23.94	9.38	7.41	6.16	5.18	4.46	3.31
	m/min	7.3	2.86	2.26	1.91	1.58	1.36	1.01
Motor	Amps	75	167	195	246	283	340	430

Line Pull and Cable Capacity

Layers of cable	Line Pull			
	1	2	3	4
Rated line	lb 15000	13779	11202	9358
Pull per layer	kg 6804	6250	5081	4245
Cumulative	ft 19.75	41.79	66.09	91.86
Cable capacity	m 6.02	12.74	20.15	28

Line Speed and Amp Draw(First layer)24V

Line Pull	lb	0	4000	6000	8000	10000	12000	15000
	kg	0	1810	2720	3628	4540	5443	6804
Line Speed	ft/min	25.6	9.7	7.79	6.4	5.4	4.6	3.44
	m/min	7.80	2.9	2.37	1.95	1.65	1.41	1.05
Motor	Amps	60	138	162	193	228	256	332