

T-MAX[®]
MAXIMUM OFF ROAD RECOVERY™



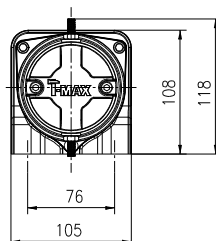
WINCHES
ATW PRO SERIES
& ATW SERIES

12V P/N: 7205110(Non-Radio Control)

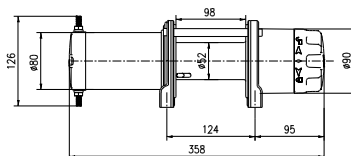
Synthetic Rope: 3/16"x50' (4.7mm x 15m)
(Diameter x Length)
Fairlead: Aluminium Fairlead
Weight: 17.6lbs (8kgs)

NEW

Dimensions



Mounting Bolt Pattern



FEATURES & SPECIFICATIONS

Rated Line Pull	2500 lbs (1135kgs) Single-line
Motor	12V DC 0.5KW (Permanent Magnet)
Control	Remote Control
Gear Ratio	189:1
Clutch	Turn 90° By Handwheel
Braking	EBT
Drum Size	(Diameter x Length) 2.0"x3.7" (52mmx95mm)
Recommended Battery	650CCA Minimum for Winching
Overall Dimensions:	4.88"x3" (124mmx76mm)
Mounting Bolt Pattern:	LxWxH) 14.1"x4.1"x4.6" (358mmx105mmx118mm)

Line Pull & Cable Capacity

Layer of cable	1	2	3	4	5
Rated line	Lbs 2500	2063	1756	1529	1354
Pull per layer	Kgs 1135	937	797	697	614
Cumulative	Ft 7.5	16.4	27.0	39.0	49.0
Cable capacity	m 2.3	5	8.3	12	15

Line Speed & Amp Draw-First Layer

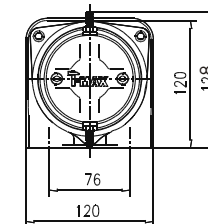
Line Pull	Lbs	NO	1000	1500	2000	2500
	Kgs	LOAD	454	680	908	1135
Line Speed	ft/min	17.5	12.8	10.5	7.6	5.2
	M/min	5.3	3.9	3.2	2.3	1.6
Motor Current	amps	23	72	95	121	150



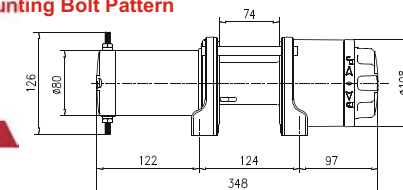
12V P/N: 7207110(Non-Radio Control)

Synthetic Rope: 4/19"x50' (5.5mm x 15m)
(Diameter x Length)
Fairlead: Aluminium Fairlead
Weight: 24.2lbs (11kgs)

Dimensions



Mounting Bolt Pattern



FEATURES & SPECIFICATIONS

Rated Line Pull	3500 lbs (1587kgs) Single-line
Motor	12V DC 0.8KW (Permanent Magnet)
Control	Remote Control
Gear Ratio	148:1
Clutch	Turn 90° By Handwheel
Braking	EBT
Drum Size	(Diameter x Length) 2.0"x2.9" (52mmx74mm)
Recommended Battery	650CCA Minimum for Winching
Overall Dimensions:	4.9"x3" (124mmx76mm)
Mounting Bolt Pattern:	LxWxH) 13.5"x4.7"x5.1" (348mmx120mmx128mm)

Line Pull & Cable Capacity

Layer of cable	1	2	3	4
Rated line	Lbs 3500	2920	2540	2260
Pull per layer	Kgs 1589	1326	1153	1026
Cumulative	Ft 9.3	20.3	32.6	50.0
Cable capacity	m 2.8	6.1	9.8	15.0

12V P/N: 7207100(Non-Radio Control)

Wire Rope: 3/16"x50' (4.8mm x 15m)
(Diameter x Length)
Fairlead: Roller Fairlead
Weight: 28.6lbs (13kgs)



Line Speed & Amp Draw-First Layer

Line Pull	Lbs	NO	1000	2000	3000	3500
	Kgs	LOAD	454	907	1360	1587
Line Speed	ft/min	14.8	9.5	8.5	6.6	5.9
	M/min	4.5	2.9	2.6	2.4	1.8
Motor Current	amps	25	79	122	160	200

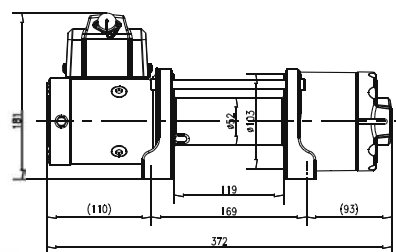


12V P/N 7241110(Non-Radio Control) P/N 7241111(Radio Control)

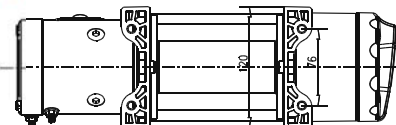
Synthetic Rope: 4"x50' (6.3mm x 15m)
(Diameter x Length)
Fairlead: Aluminium Fairlead
Weight: 23.6lbs (11.8kgs)



Dimensions



Mounting Bolt Pattern



12V P/N 7241100(Non-Radio Control) P/N 7241101(Radio Control)

Wire Rope: 3/13"x59' (6mm x 18m)
(Diameter x Length)
Fairlead: Roller Fairlead
Weight: 31lbs (14.5kgs)



FEATURES & SPECIFICATIONS

Rated Line Pull	4500 lbs (2040kgs) Single-line
Motor	12V DC 1.0KW (Series Wound)
Control	Remote Control
Gear Ratio	189:1
Clutch	Turn 90° By Handwheel
Braking	Eccentric Block Type(EBT)
Drum Size	(Diameter x Length) 2.0"x4.7" (52mmx119mm)
Recommended Battery	650CCA Minimum for Winching
Mounting Bolt Pattern:	6.7"x3" (169mmx76mm)
Overall Dimensions:	(LxWxH) 14.6"x4.7"x7.1" (372mmx120mmx181mm)
Torque limit:	4500::200Lbs

Line Speed & Amp Draw-First Layer

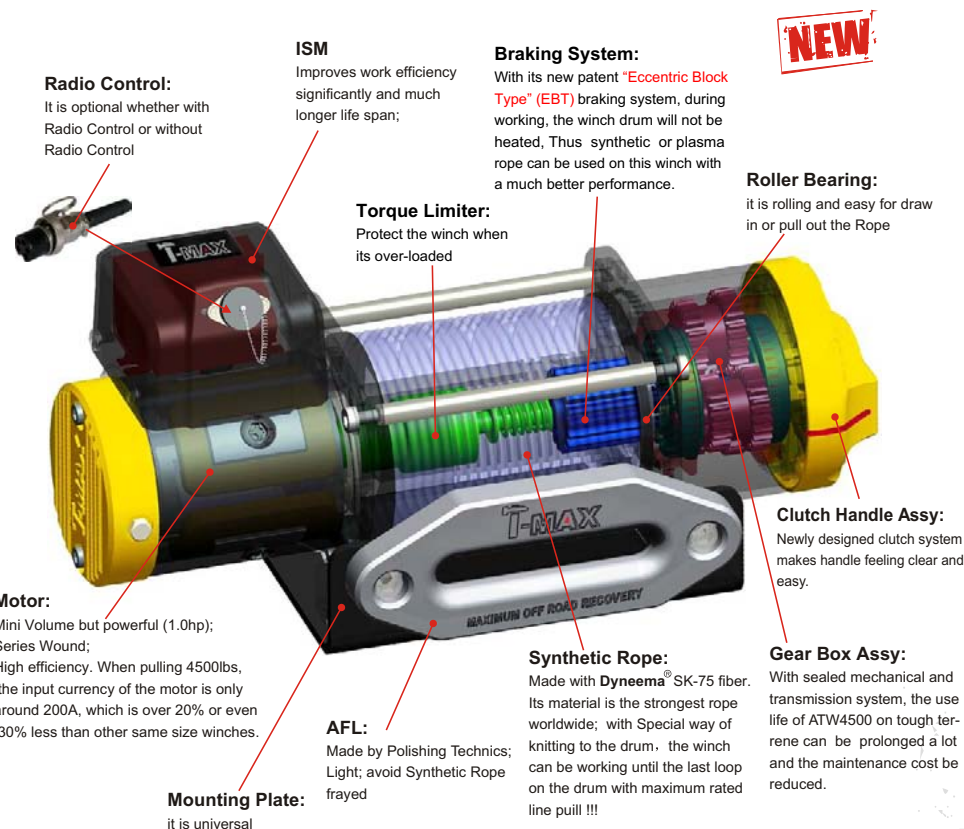
Line Pull	Lbs	NO	1000	2000	3000	4000	4500
	Kgs	LOAD	454	907	1360	1814	2040
Line Speed	ft/min	18	13.1	10.3	7.9	6.7	5.7
	M/min	5.5	4.0	3.1	2.4	2.0	1.8
Motor Current	amps	41	79	122	153	170	190

Line Pull & Cable Capacity

Layer of cable	1	2	3	4
Rated line	Lbs 4500	3728	3180	2775
Pull per layer	Kgs 2040	1690	1445	1260
Cumulative	Ft 11	25	41	59
Cable capacity	m 3.4	7.6	12.5	18



Now T-max presenting a whole new designed ATW4500/ATW6000 to the market.
With innovated newly designed mechanical and transmission system, ATW4500/
ATW6000 winch bring the design of big size UTV/ATV winches to a whole new
level of the world.

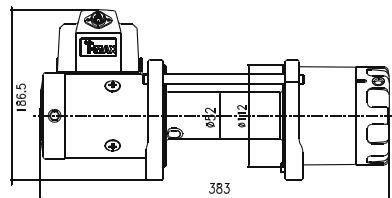


12V P/N 7305110 (Non-Radio Control)
P/N 7305111 (Radio Control)

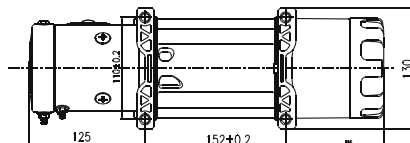
Synthetic Rope: 3/10"x50' (7.5mm x 15m)
(Diameter x Length)
Fairlead: Aluminium Fairlead
Weight: 26.5lbs (12.5kgs)



Dimensions



Mounting Bolt Pattern



FEATURES & SPECIFICATIONS

Rated Line Pull	6000 lbs (2720kgs) Single-line
Motor	12V DC 1.4KW (Series Wound)
Control	Remote Control
Gear Ratio	189:1
Clutch	Turn 90° By Handwheel
Braking	Eccentric Block Type (EBT)
Drum Size	(Diameter x Length) 2.08"x5.33" (53mmx128mm)
Recommended Battery	650CCA Minimum for Winching
Mounting Bolt Pattern:	6.02"x4.33" (153mmx110mm)
Overall Dimensions: (LxWxH)	15.08"x5.12"x7.32" (383mmx130mmx186mm)

Line Speed & Amp Draw-First Layer

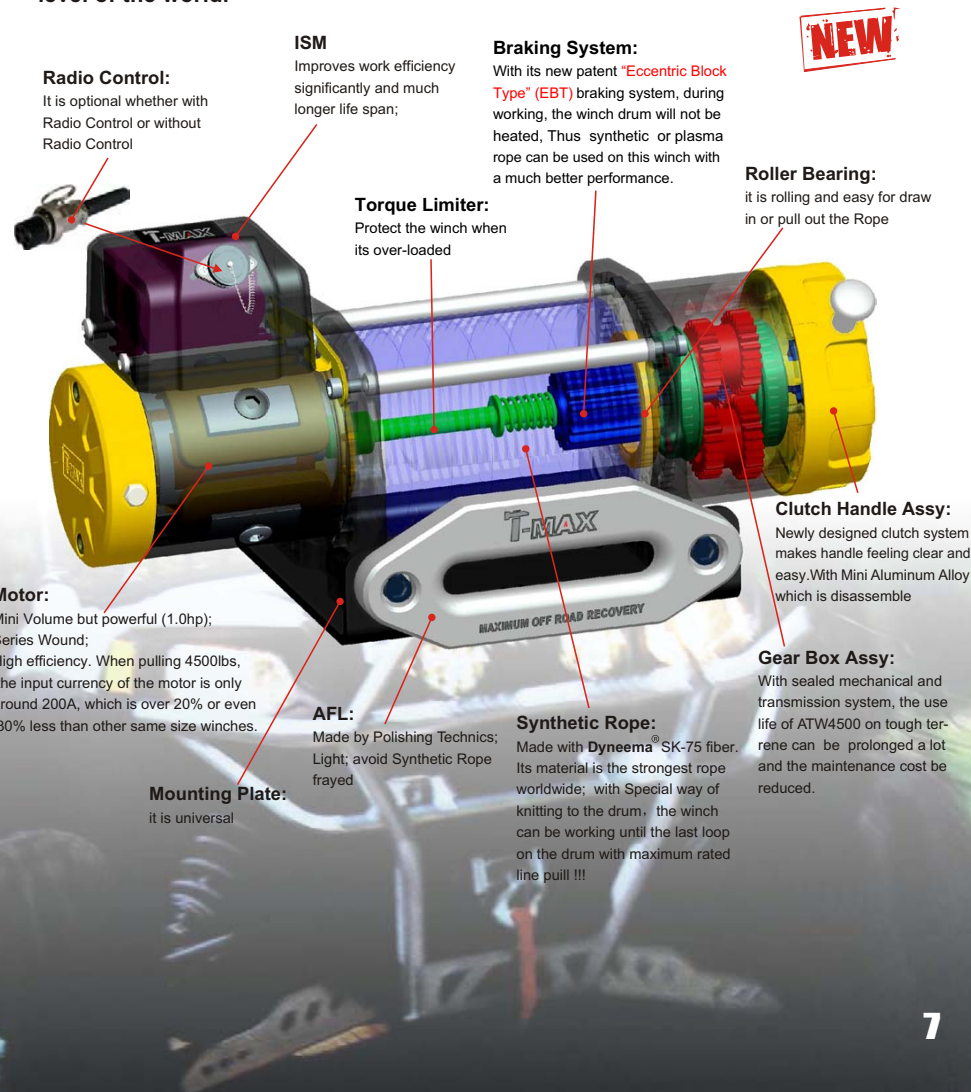
Line Pull	Lbs	NO	1000	2000	3000	4000	5000	6000
	Kgs	LOAD	454	907	1360	1814	2270	2720
Line Speed	ft/min	19.6	11.5	9.8	8.5	7.2	4.9	4.3
	M/min	6.0	3.5	3.0	2.6	2.2	1.5	1.3
Motor Current	amps	40	76	121	160	185	210	240

Line Pull & Cable Capacity

Layer of cable	1	2	3	4
Rated line	Lbs 6000	4850	4075	2775
Pull per layer	Kgs 2720	2200	1850	1260
Cumulative	Ft 11	25	41	59
Cable capacity	m 3.4	7.6	12.5	18



Now T-max presenting a whole new designed ATW4500/ATW6000 to the market. With innovated newly designed mechanical and transmission system, ATW4500/ATW6000 winch bring the design of big size UTV/ATV winches to a whole new level of the world.



Radio Control:

It is optional whether with Radio Control or without Radio Control

ISM

Improves work efficiency significantly and much longer life span;

Braking System:

With its new patent "Eccentric Block Type" (EBT) braking system, during working, the winch drum will not be heated, Thus synthetic or plasma rope can be used on this winch with a much better performance.

Roller Bearing:

it is rolling and easy for draw in or pull out the Rope

Torque Limiter:

Protect the winch when its over-loaded

Clutch Handle Assy:

Newly designed clutch system makes handle feeling clear and easy. With Mini Aluminum Alloy which is disassemble

Motor:

Mini Volume but powerful (1.0hp); Series Wound; High efficiency. When pulling 4500lbs, the input currency of the motor is only around 200A, which is over 20% or even 30% less than other same size winches.

AFL:

Made by Polishing Technics; Light; avoid Synthetic Rope frayed

Synthetic Rope:

Made with Dyneema® SK-75 fiber. Its material is the strongest rope worldwide; with Special way of knitting to the drum, the winch can be working until the last loop on the drum with maximum rated line pull !!!

Gear Box Assy:

With sealed mechanical and transmission system, the use life of ATW4500 on tough terrain can be prolonged a lot and the maintenance cost be reduced.

Mounting Plate:

it is universal

ATW SERIES



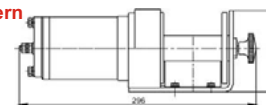
ATW 2000LBS

12V P/N 7209100

FEATURES & SPECIFICATIONS

Rated line pull	2000lbs (906kgs) Single-line
Motor	Permanent magnet DC12V motor with 0.85hp output
Gear ratio:	153:1
Drum size	(Length x Diameter) 2.88"x 1.24" (73x 31.5mm)
Fairlead	No
Cable length	(Length x Diameter) 49ft x 5/32" (15mx 4mm)
Weight	11lbs (5kgs)
Mounting Pattern	3.15" 80mm
Overall dimensions	(LxWxH) 11.65"x3.82"x4.1" (296x97x105mm)

Mounting Bolt Pattern



Dimensions



Line Pull & Cable Capacity

Layer of cable	1	2	3	4	5	6
Rated line	Lbs 2000	1630	1380	1190	1050	940
Pull per layer	Kgs 906	740	620	540	470	420
Cumulative	Ft 6.5	14	22	31	41	49
Cable capacity	m 2.0	4.3	6.8	9.5	12.5	15

Line Speed & Amp Draw-First Layer

Line Pull	Lbs	NO	500	1000	1500	2000
	Kgs	LOAD	227	454	680	906
	ft/min	10.5	9.2	7.5	5.9	4.2
Line Speed	M/min	3.2	2.8	2.3	1.8	1.3
Motor Current	amps	8	30	60	90	118



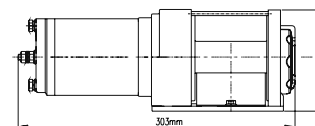
ATW 2500LBS

12V P/N 7221100

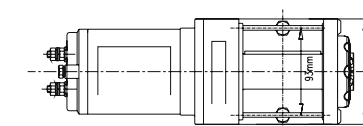
FEATURES & SPECIFICATIONS

Rated Line Pull	2500lbs (1134kgs)
Motor	12V DC, 0.9hp (Permanent magnet)
Gear Ratio	153:1
Clutch	Turn 90° By Handwheel
Control:	Remote Control
Drum Size	(Diameter x Length) 1.61"x2.9" (44mmx74mm)
Recommended Battery	12Amp/hour Minimum
Wire Rope:	(Diameter x Length) 3/16"x50' (4.5mm x 15m)
Fairlead:	Roller Fairlead
Weight:	26lbs (11kgs)
Mounting Bolt Pattern	3.67"(93mm)
Overall Dimensions: (LxWxH)	11.85"x7.4"x4.72" (303mmx188mmx120mm)

Mounting Bolt Pattern



Dimensions



Line Pull & Cable Capacity

Layer of cable	1	2	3	4	5	6
Rated line	Lbs 2500	2000	1655	1430	1275	1120
Pull per layer	Kgs 1134	907	750	650	580	508
Cumulative	Ft 7	15.4	25.3	36.4	48.9	50
Cable capacity	m 2.14	4.7	7.7	11.1	14.9	15.2

Line Speed & Amp Draw-First Layer

Line Pull	Lbs	NO	500	1000	1500	2000	2500
	Kgs	LOAD	227	454	680	907	1134
	ft/min	19.5	17.5	15	12	10	8.5
Line Speed	M/min	6	5.2	4.5	3.8	3	2.6
Motor Current	amps	18	45	63	88	122	140



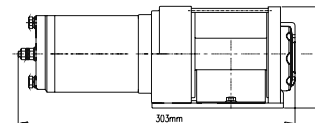
ATW 3000LBS

12V P/N 7221235

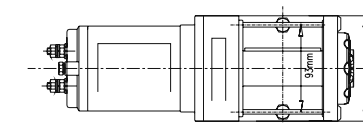
FEATURES & SPECIFICATIONS

Rated Line Pull:	3000 lbs (1361kgs) Single-line
Motor:	12V DC, 1.1hp (Permanent magnet)
Gear Ratio:	153:1
Clutch:	Turn 90° By Handwheel
Control:	Remote Control
Drum Size:	Diameter 1.61" (41mm) x Length 2.9" (74mm)
Recommended Battery:	12Amp/hour Minimum
Wire Rope:	Length (15.2m) x Diameter (5.1mm)
Fairlead:	Roller Fairlead
Weight:	29lbs (12kgs)
Mounting Bolt Pattern	3.67"(93mm)
Overall Dimensions: (LxWxH)	12.35"x7.40"x4.72" (313mmx188mmx120mm)

Mounting Bolt Pattern



Dimensions



Line Pull & Cable Capacity

Layer of cable	1	2	3	4	5	6
Rated line	Lbs 3000	2400	2000	1714	1500	1330
Pull per layer	Kgs 1361	1090	907	778	680	600
Cumulative	Ft 5.9	13.7	22.6	32.8	44.2	50.0
Cable capacity	m 1.8	4.7	6.9	10.0	13.5	15.2

Line Speed & Amp Draw-First Layer

Line Pull	Lbs	NO	500	1000	2000	2500	3000
	Kgs	LOAD	227	454	907	1134	1361
	ft/min	26	17.4	12.1	9.5	8.0	6.8
Line Speed	M/min	8	5.3	3.7	2.9	2.5	2.0
Motor Current	amps	20	35	52	120	153	185

T-MAX ATV Accessory kit

P/N : 7329100.8C

Contents

P/N 7329100.8-12
P/N 7329100.8-49
P/N 7329100.8-75
P/N 7329100.8.6

P/N	Contents	Breaking force	SIZE
7329100.8-49	Tree trunk protector	4T(BLL)	1'x8'(2.5cmx2.4m)
7329100.8-75	Shackle	3.75T	1/2"
7329100.8.6	2.5"Snatch block	4T	Ø2.5"(D)



P/N: 7241100.6.2
ATV REMOTE
Remote Control



P/N: 7241100.6.3
UTV & Utility
Remote Control



P/N: 7241100.6.5
Wireless Remote Control



P/N: 7407100.4
4-way Roller Fairlead
For ATW 3500 Below



P/N: 7241100.4
4-way Roller Fairlead
For ATW 4500/ATW 6000



P/N: 7241100.6.1.1
Integrated Solenoid Module(ISM)
500A silver coated contacts



NEW

P/N: 7407110.4
Aluminum Fairlead
For ATW 3500 Below



P/N: 7309200.7A
Aluminum Fairlead-S(AFS)
For ATW 4500/ATW 6000



P/N: 7241100.0-8
Quick Mounting Set



NEW



BIRD VIEW OF T-MAX FACTORY

ISO/TS 16949:2002 CERTIFICATE





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