

PRODUCT CATALOGUE

MEAN MOTHER

The Mean Mother brand of 4WD winches & recovery equipment is exclusively owned by Haigh Australia. We have been servicing the automotive aftermarket industry for over 40 years and today we are recognised and respected for our diverse range of automotive & lifestyle products and brands. With our head office based in South East Queensland, we have offices & distribution centres capable of servicing the entire country with a strong focus towards product development, marketing and direct to customer sales representation. Our extensive warehousing and route to market capabilities are the backbone of our continued success.

The Mean Mother brand represents strength, quality and durability across all platforms with a significant emphasis on innovative quality control and testing procedures. Our exciting new retail packaging and extensive range of winch designs & configurations has found immediate traction with retailers and consumers. The recovery side is also well serviced with an extensive range of products chosen to meet the needs of 4WD enthusiasts. We have a comprehensive warranty and back up service with specialist staff to answer your enquires and a full range of winch spares and accessories.

Mean Mother products are not only built tough, they are designed to provide fault free operation under the toughest of Australian conditions. If you are looking to "Explore your Limits" with confidence then you can't go past Mean Mother.



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4WD RECOVERY BOSS WINCH SERIES



The "Boss" series winch is the perfect choice for 4WD enthusiasts who want the very best. They are designed not only to look tough but provide fault free operation under the toughest of Australian conditions.

BOSS Mechanical:

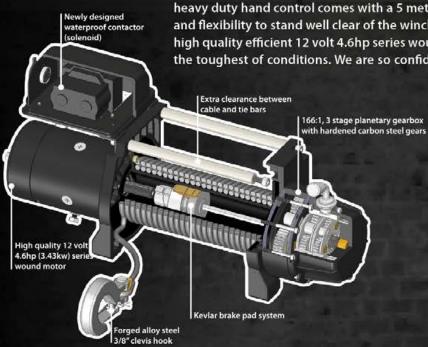
Each winch in the BOSS series features a three stage planetary gearbox with BS 1/2 H2600 sintered bronze bushings and S45C hardened carbon steel gears, providing superior strength even when working under the toughest of conditions. These bushings have been pressed and stamped (no pop rivets) into the gear carrier. A sliding ring gear clutch provides maximum strength and efficiency in forward and reverse winching operations with ease of free spool functionality. Each gear box is assembled and lubricated using synthetic grease and conforms to our strict assembly guidelines. Providing strength and enduring the pulling forces exerted is a hardened seamless steel drum assembly. The in-drum brake system features automatic direct drive load holding and Kevlar brake pads for improved safety.

BOSS Electrical:

Delivering power to the winch is an IP65 rated waterproof solenoid with Japanese manufactured Cu-Ag alloy contacts (silver-alloyed copper). The technology and quality of these contactors resist arching when switching currents. This prevents the contactors from fusing together creating a closed circuit which can potentially damage your winch or vehicle and may cause serious injury to the operator.

This solenoid is housed in a sleek and stylish control box which has a waterproof plug. The heavy duty hand control comes with a 5 metre power cord offering the user complete control and flexibility to stand well clear of the winch during operation. The BOSS series winch uses a high quality efficient 12 volt 4.6hp series wound motor offering performance and reliability in the toughest of conditions. We are so confident in the quality and design of our BOSS series

winches we offer a limited lifetime mechanical component warranty and 2 year electrical component warranty. Please refer to our warranty statement for further details.



If you already have steel cable or synthetic rope in good condition, or want to fit a different size cable or rope, you can opt to purchase the winch in a BARE FORMAT. Basically this means the winch does not include steel cable, roller fairlead or clevis hook, therefore saving you time & money.

PERFORMANCE TESTED & GUARANTEED:

To ensure the very best manufacturing processes are undertaken in the building of our BOSS series winches we have developed our own detailed testing procedures to ensure they meet and exceed our engineering, performance and quality benchmarks. Our testing procedures are divided into two individual areas:

Strength Testing

Each model is tested to the following specifications and recorded:

- · 1.1 times rated line pull (dynamic testing) and
- · 1.25 times rated line pull (static testing)

These tests are designed to examine the overall strength and ability of the winch while observing and recording the important characteristics and operational performance specifications.

Durability Testing

The winch is tested to the maximum duty cycle (1 minute) and rated line pull (winch applicable rating) in a dynamic test. This test is performed no less than 100 times and recorded; furthermore the first (1st) cycle is tested to 1.25 times the rated line pull. After the winch has passed 100 cycles without failure the winch and components are passed and inspected.

NOTE: All testing was performed with the 1st layer of winch cable on the drum.







The standard base plates have been uniquely designed to give maximum clearance between the tie bars and the winch drum. There are also optional tie bar extensions available which provide an additional clearance of 25mm (1") between the tie bars and drum assembly. This offers extra clearance for "competition use" without the need for a specialised mounting system and the expense of a high mount winch.

If all these features weren't enough, all BOSS series winches have been equipped with T.C.C.P.C. (Tinned Coated Copper Power Cables) with PVC insulation and the additional protection of a fibreglass outer sheath. Tinning involves coating each individual strand of copper housed inside the cable core. This process greatly increases the life of the power cable and is regarded as the ultimate in corrosion protection.



Mean Mother Boss Series



BOSS series winches have a higher clearance than other brands, plus offering an optional extension

plate which provides an additional 25mm.

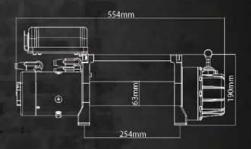
Another Leading Brand





9500LB BOSS WINCH

• BS 1/2 H2600 sintered bronze bushings
• HRC 45±2 Carburizing S45C hardened carbon steel gears
• Stamped planetary gear carriers
• Cu-Ag contactors (Silvered-alloyed copper)
• Kevlar brake pads







Part No: EB9500

- · Winch
- Control box
- · Hand control with storage bag
- Tinned copper power cable kit with fibreglass sheath protection
- 8mm x 30m, (7x19 construction galvanised aircraft cable)
- · Roller fairlead
- · 3/8" Clevis hook
- Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts, washer and nuts)
- · Side mounting kit for control box
- Extra long control box mounting bolts
- Spare gearbox gasket

V	STRENGTH TESTED
1	INSPECTED
1	SERIAL NUMBER TRACKE



General Information		
Specifications	9500lb (4309kg)	
Voltage	12 volt	
Gear ratio	166:1	
Gear tran	3 stage planetary	
Clutch	Sliding ring gear	
Motor type	Series wound	
Motor	4.6hp, 3.43kw	
Control	Hand control, 5m lead	
Braking	Automatic direct drive load holding	
Drum	Hardened seamless steel 63mm x 228mm(2.45" x 9")	
Cable	30m x 8mm	
Clevis hook	3/8"	
Overall dimensions	554mm x 170mm x 190mm (27.82" x 6.7" x 7.5")	
Net weight	38kg	
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")	
Battery power cables	2 x 1900mm x 25mm², tinned copper with sheath protection	
Motor power cables	3 x 450mm x 25mm², tinned copper with sheath protection	
Recommended battery	Minimum 650CCA	

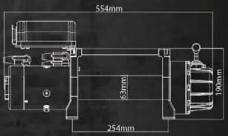
Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	35.4fpm 10.7mpm	50	12 volt
2000lbs 910kg	16.7fpm 5.1mpm	80	12 volt
4000lbs 1816kg	12.7fpm 3.8mpm	150	12 volt
6000lbs 2724kg	10.6fpm 3.2mpm	220	12 volt
8000lbs 3632kg	9.0fpm 2.7mpm	280	12 volt
9500lbs 4309kg	7.8fpm 2.3mpm	330	12 volt

	Line Pull & Cable Capacity by Layer		
Cable Layer	Rated Line Pull	Cable Capacity	
i_	9500lbs 4309kg	19.36ft 5.90m	
2	8190lbs 3715kg	42.00ft 12.80m	
3	7500lbs 3402kg	69.88ft 21.30m	
4	7010lbs 3180kg	98.50ft 30.00m	



9500LB BOSS WINCH - SYNTHETIC ROPE

- · Sintered steel bushings
 - Hardened steel gears
- Stamped planetary gear carriers
- Ag-Cd alloy contacts (silver cadmium alloy)
 - · Hardened steel brake







Part No: EB9500S

- Winch
- Control box
- · Hand control
- Tinned copper power cable kit with fibreglass sheath protection
- 9.53mm x 30.5m, (Genuine Dyneema* SK75)
- Hawse fairlead
- 10-8 Clevis hook
- · Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts, washer and nuts)
- · Side mounting kit for control box
- Tie bar mounting kit for control box
- Spare gearbox gasket





General Information		
Specifications	9500lb (4309kg)	
Voltage	12 volt	
Gear ratio	212:1	
Gear tran	3 stage planetary	
Clutch	Sliding ring gear	
Motor type	Series wound	
Motor	4.8hp, 3.6kw	
Control	Hand control, 5m lead	
Braking	Automatic load holding in drum	
Drum size	67mm x 228mm (2.64" x 9")	
Cable – Genuine Dyneema® SK75	9.53mm x 30.5m (3/8" x 100')	
Clevis hook	10/8"	
Overall dimensions (L x W x H)	570mm x 168mm x 175mm (22.45" x 6.62" x 6.89")	
Net weight	31kg	
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")	
Battery power cables	2 x 25mm², tinned copper with colour coding sheath protection	
Motor power cables	3 x 25mm², tinned copper with colour coding sheath protection	
Recommended battery	Minimum 650CCA	

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	19fpm 5.8mpm	110	12 volt
4000lbs 1816kg	12.5fpm 3.8mpm	210	12 volt
6000lbs 2724kg	10.5fpm 3.2mpm	260	12 volt
8000lbs 3632kg	8.6fpm 2.6mpm	300	12 volt
9500lbs 4309kg	7.9fpm 2.4mpm	350	12 volt

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	9500lbs 4309kg	15 ft 5m	
2	7500lbs 3402kg	38 ft 11.5m	
3	6200lbs 2812kg	64 ft 19.5m	
4	5300lbs 2404kg	95 ft 29m	
5	4630lbs 2100kg	100 ft 30.5m	



9500LB BOSS WINCH - BARE

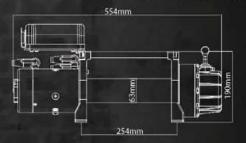
• BS 1/2 H2600 sintered bronze bushings
• HRC 45±2 Carburizing S45C hardened carbon steel gears

Stamped planetary gear carriers

• Cu-Ag contactors (Silvered-alloyed copper)

· Kevlar brake pads

Supplied without a steel cable, roller fairlead or clevis hook.







Part No: EB9500B

What's in the box:

- · Winch
- · Control box
- · Hand control with storage bag
- Tinned copper power cable kit with fibreglass sheath protection
- · Warranty registration card
- Winch mounting hardware (bolts and nuts)
- · Side mounting kit for control box
- · Extra long control box mounting bolts
- Spare gearbox gasket



	General Information
Specifications	9500lb (4309kg)
Voltage	12 volt
Gear ratio	166:1
Gear tran	3 stage planetary
Clutch	Sliding ring gear
Motor type	series wound
Motor	4.6hp, 3.43kw
Control	Hand control, 5m lead
Braking	Automatic direct drive
Drum	Hardened seamless steel 63mm x 228mm (2.45" x 9")
Cable	N/A
Clevis hook	N/A
Overall dimensions	554mm x 170mm x 190mm (27.82" x 6.7" x 7.5")
Net weight	25kg
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")
Battery power cables	2 x 1900mm x 25mm², tinned copper with sheath protection
Motor power cables	3 x 450mm x 25mm², tinned copper with sheath protection
Recommended battery	Minimum 650CCA

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	35.4fpm 10.7mpm	50	12 volt
2000lbs 910kg	16.7fpm 5.1mpm	80	12 volt
4000lbs 1816kg	12.7fpm 3.8mpm	150	12 volt
6000lbs 2724kg	10.6fpm 3.2mpm	220	12 volt
8000lbs 3632kg	9.0fpm 2.7mpm	280	12 volt
9500lbs 4309kg	7.8 pm 2.3mpm	330	12 volt



If you already have steel cable or synthetic rope in good condition, or want to fit a different size cable or rope, you can opt to purchase the winch in a BARE FORMAT. Basically this means the winch does not include steel cable, roller fairlead or clevis hook, therefore saving you time & money.



BOSS SERIES ACCESSORIES & COMPONENTS



For extending tie bar height an extra 25mm (1") Ideal for competition use.

Part No: FXETN



12V CONTROL BOX

To suit Boss series winch. Compatible with most 12 volt winches equipped with a series wound motor. Features waterproofed hand control power socket. (Hand control and power cables not included.)

Part No: CB02



12V 500 AMP SOLENOID

Solenoid only, IP65 waterproof solenoid with Cu-Ag alloy contacts (Silver-alloyed copper). To suit Boss series winch. Also compatible with most 12 volt winches equipped with a series wound motor.

Part No: DCX500



HAND CONTROL

To suit Boss Series winch.

Part No: RC03



CONTROL SWITCHES

Control your winch from inside your vehicles cabin.

IN/OUT

ON/OFF

Part No: MMSW01

Part No: MMSW02



BOSS CONTROL BOX MOUNTING KIT

Fits 99% of all bullbars on the Australian market. Quality Powder coated finish.

3mm plate steel construction. All mounting hardware included.

45°

90°

Part No: MBB45

Part No: MBB90



4WD RECOVERY EDGE WINCH SERIES







We built the EDGE series to appeal to the 4WD enthusiast who is passionate about quality but wants value for money. The EDGE series ticks all those boxes with standard features not found on comparable winches.

EDGE Mechanical:

Each winch in the EDGE series features a three stage planetary gearbox with sintered steel bushings which have been pressed and stamped (no pop rivets) into the gear carrier. A sliding ring gear clutch provides maximum strength and efficiency in forward and reverse winching operations with ease of free spool functionality. Each gear box is assembled and lubricated using synthetic grease and conforms to our strict assembly

guidelines. Providing strength and enduring the pulling forces exerted is a hardened seamless steel drum assembly. Delivering maximum safety during a recovery is an automatic load holding in-drum brake system.

EDGE Electrical:

Delivering power to the winch is a waterproof solenoid that uses Ag-Cd alloy contacts (Silver cadmium alloy). The technology and quality of these contactors resist arching when switching currents. This prevents the contactors from fusing together creating a closed circuit which can potentially damage your winch or vehicle and possibly serious injury to the operator.



High quality 12 volt

This solenoid is housed in a sleek and stylish control box which has a waterproof plug. The heavy duty hand control comes with a 5 metre power cord with the option to upgrade to a wireless remote control which offers the user complete control and flexibility to stand well clear of the winch during operation.

The 9500lb & 12000llb series winches use an efficient 12 volt 4.8hp series wound motor while the 6000lb runs a 3.6hp. Also available is a 24 volt 12000lb winch, using a 24 volt 4.8hp series wound motor. All these models offer performance and reliability in the toughest of conditions. We are so confident in the quality and design of our EDGE series winches we offer a limited 3 year mechanical component warranty and a 1 year electrical component warranty.

Please refer to our warranty statement for further details.



PERFORMANCE TESTED & GUARANTEED:

To ensure the very best manufacturing processes are undertaken in the building of our EDGE series winches we have developed our own detailed testing procedures to ensure they meet and exceed our engineering, performance and quality benchmarks. Our testing procedures are divided into two individual areas:



Strength Testing

Each model is tested to the following specifications and recorded:

- · 1.1 times rated line pull (dynamic testing) and
- 1.25 times rated line pull (static testing)

These tests are designed to examine the overall strength and ability of the winch while observing and recording the important characteristics and operational performance specifications.

Durability Testing

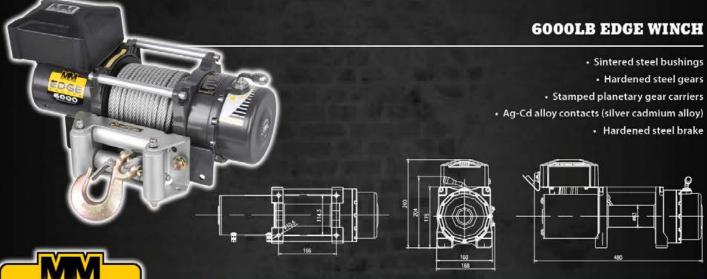
The winch is tested to the maximum duty cycle (1 minute) and rated line pull (winch applicable rating) in a dynamic test. This test is performed no less than 100 times and recorded; furthermore the first (1st) cycle is tested to 1.25 times the rated line pull. After the winch has passed 100 cycles without failure the winch and components are passed and inspected.

NOTE: All testing was performed with the 1st layer of winch cable on the drum.



If you already have steel cable or synthetic rope in good condition, or want to fit a different size cable or rope, you can opt to purchase the winch in a BARE FORMAT. Basically this means the winch does not include steel cable, roller fairlead or clevis hook, therefore saving you time & money.







Part No: EW6000

- Winch
- Control box
- · Hand control
- Tinned copper power cable kit with fibreglass sheath protection
- 7.14mm x 26m, (7x19 construction galvanised aircraft cable)
- Roller fairlead
- Fairlead adaptor
- 3/8" Clevis hook
- Hand saver hook strap
- · Warranty registration card
- Winch and fairlead mounting hardware (bolts and nuts)
- · Side mounting kit for control box
- Tie bar mounting kit for control box
- Spare gearbox gasket
- ✓ STRENGTH TESTED

 ✓ INSPECTED
- SERIAL NUMBER TRACKED



General Information		
6000lb (2724kg)		
12 volt		
212:1		
3 stage planetary		
Sliding ring gear		
Series wound		
3.6hp, 2.7kw		
Hand control, 5m lead		
Automatic load holding in drum		
63mm x 140mm (2.5" x 5.51")		
7.14mm x 26m (9/32" x 85')		
3/8"		
444mm x 168mm x 175mm (17.5" x 6.62" x 6.89")		
33kg		
166mm x 114.3mm (6.535" x 4.5")		
2 x 25mm², tinned copper with colour coding sheath protection		
3 x 25mm², tinned copper with colour coding sheath protection		
Minimum 650CCA		
Powder coating		

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
0lbs 0kg	15fpm 4.6mpm	30	12 volt
1000lbs 454kg	11.5fpm 3.5mpm	80	12 volt
3000lbs 1361kg	9fpm 2.7mpm	120	12 volt
5000lbs 2268kg	7fpm 2mpm	170	12 volt
6000lbs 2724kg	4.9fpm 1.5mpm	210	12 volt

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	6000lbs 2724kg	12.7ft 3.87m	
2	5000lbs 2268kg	27.5ft 8.38m	
3	4250lbs 1928kg	44ft 13.41m	
4	3720lbs 1687kg	64ft 19.51m	
5	3300lbs 1497kg	85ft 26m	

EDGE

9500LB EDGE WINCH

- Sintered steel bushings
 - Hardened steel gears
- Stamped planetary gear carriers
- Ag-Cd alloy contacts (silver cadmium alloy)
 - Hardened steel brake



Part No: EW9500

- · Winch
- · Control box
- · Hand control
- Tinned copper power cable kit with fibreglass sheath protection
- 9.53mm x 30.5m, (7x19 construction galvanised aircraft cable)
- · Roller fairlead
- 3/8" Clevis hook
- Hand saver hook strap
- · Warranty registration card
- Winch and fairlead mounting hardware (bolts and nuts)
- Side mounting kit for control box
- Tie bar mounting kit for control box
- Spare gearbox gasket

V	STRENGTH TESTED
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General Information		
Specifications	9500lb (4309kg)	
Voltage	12 volt	
Gear ratio	212:1	
Gear tran	3 stage planetary	
Clutch	Sliding ring gear	
Motor type	Series wound	
Motor	4.8hp, 3.6kw	
Control	Hand control, 5m lead	
Braking	Automatic load holding in drum	
Drum size	67mm x 228mm (2.64" x 9")	
Cable - galvanised aircraft	9.53mm x 30.5m (3/8" x 100')	
Clevis hook	3/8"	
Overall dimensions (L x W x H)	570mm x 168mm x 175mm (22.45" x 6.62" x 6.89")	
Net weight	43kg	
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")	
Battery power cables	2 x 25mm², tinned copper with colour coding sheath protection	
Motor power cables	3 x 25mm², tinned copper with colour coding sheath protection	
Recommended battery	Minimum 650CCA	
Finish	Powder coating	

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	19fpm 5.8mpm	110	12 volt
4000lbs 1816kg	12.5fpm 3.8mpm	210	12 volt
6000lbs 2724kg	10.5fpm 3.2mpm	260	12 volt
8000lbs 3632kg	8.6fpm 2.6mpm	300	12 volt
9500lbs 4309kg	7.9fpm 2.4mpm	350	12 volt

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	9500lbs 4309kg	15ft 5m	
2	7500lbs 3402kg	38ft 11.5m	
3	6200lbs 2812kg	64ft 19.5m	
4	5300lbs 2404kg	95ft 29m	
5	4630lbs 2100kg	100ft 30.5m	



· Sintered steel bushings

· Hardened steel gears

· Stamped planetary gear carriers

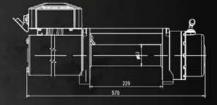
· Ag-Cd alloy contacts (silver cadmium alloy)

· Hardened steel brake



Fitted with Synthetic Rope constructed







EW9500S Part No:

- · Winch
- · Control box
- · Hand control
- Tinned copper power cable kit with fibreglass. sheath protection
- 9.53mm x 30.5m, (Genuine Dyneema" SK75)
- · Hawse fairlead
- · 10/8" Clevis hook
- · Hand saver hook strap
- · Warranty registration card
- · Winch and fairlead mounting hardware (bolts, washer and nuts)
- · Side mounting kit for control box
- Tie bar mounting kit for control box
- Spare gearbox gasket

General Information		
Specifications	9500lb (4309kg)	
Voltage	12 volt	
Gear ratio	212:1	
Gear tran	3 stage planetary	
Clutch	Sliding ring gear	
Motor type	Series wound	
Motor	4.8hp, 3.6kw	
Control	Hand control, 5m lead	
Braking	Automatic load holding in drum	
Drum size	67mm x 228mm (2.64" x 9")	
Cable – Genuine Dyneema® SK75	9.53mm x 30.5m (3/8" x 100')	
Clevis hook	10/8"	
Overall dimensions (L x W x H)	570mm x 168mm x 175mm (22.45" x 6.62" x 6.89")	
Net weight	31kg	
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")	
Battery power cables	2 x 25mm ² , tinned copper with colour coding sheath protection	
Motor power cables	3 x 25mm², tinned copper with colour coding sheath protection	
Recommended battery	Minimum 650CCA	
Finish	Powder coating	

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	19fpm 5.8mpm	110	12 volt
4000lbs 1816kg	12.5fpm 3.8mpm	210	12 volt
6000lbs 2724kg	10.5fpm 3.2mpm	260	12 volt
8000lbs 3632kg	8.6fpm 2.6mpm	300	12 volt
9500lbs 4309ka	7.9fpm 2.4mpm	350	12 volt

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	9500lbs 4309kg	15 ft 5m	
2	7500lbs 3402kg	38 ft 11.5m	
3	6200lbs 2812kg	64 ft 19.5m	
4	5300lbs 2404kg	95 ft 29m	
5	4630lbs 2100kg	100 ft 30.5m	









Part No: EW9500B

What's in the box:

- · Winch
- · Control box
- · Hand control
- Tinned copper power cable kit with fibreglass sheath protection
- · Warranty registration card
- Winch mounting hardware (bolts and nuts)
- · Side mounting kit for control box
- · Tie bar mounting kit for control box
- · Spare gearbox gasket

V	STRENGTH TESTED
	INSPECTED
1	SERIAL NUMBER TRACKE

General Information		
Specifications	9500lb (4309kg)	
Voltage	12 volt	
Gear ratio	212:1	
Gear tran	3 stage planetary	
Clutch	Sliding ring gear	
Motor type	Series wound	
Motor	4.8hp, 3.6kw	
Control	Hand control, 5m lead	
Braking	Automatic load holding in drum	
Drum size	67mm x 228mm (2.64" x 9")	
Cable - galvanised aircraft	N/A	
Clevis hook	N/A	
Overall dimensions (L x W x H)	570mm x 168mm x 175mm (22.45" x 6.62" x 6.89")	
Net weight	22kg	
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")	
Battery power cables	2 x 25mm², tinned copper with colour coding sheath protection	
Motor power cables	3 x 25mm², tinned copper with colour coding sheath protection	
Recommended battery	Minimum 650CCA	
Finish	Powder coating	

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	19fpm 5.8mpm	110	12 volt
4000lbs 1816kg	12.5fpm 3.8mpm	210	12 volt
6000lbs 2724kg	10.5fpm 3.2mpm	260	12 volt
8000lbs 3632kg	8.6fpm 2.6mpm	300	12 volt
9500lbs 4309kg	7.9fpm 2.4mpm	350	12 volt



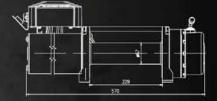
If you already have steel cable or synthetic rope in good condition, or want to fit a different size cable or rope, you can opt to purchase the winch in a BARE FORMAT. Basically this means the winch does not include steel cable, roller fairlead or clevis hook, therefore saving you time & money.



12,000LB EDGE WINCH

- Sintered steel bushings
 - · Hardened steel gears
- Stamped planetary gear carriers
- Ag-Cd alloy contacts (silver cadmium alloy)
 - · Hardened steel brake







Part No: EW12000

- Winch
- · Control box
- · Hand control
- Tinned copper power cable kit with fibreglass sheath protection
- 9.53mm x 30.5m, (7x19 construction galvanised aircraft cable)
- · Roller fairlead
- · 3/8" Clevis hook
- Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts and nuts)
- Side mounting kit for control box
- Tie bar mounting kit for control box
- Spare gearbox gasket

V	STRENGTH TESTED
1	INSPECTED
	SERIAL NUMBER TRACKET

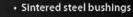


	General Information		
Specifications	12000lb (5443kg)		
Voltage	12 volt		
Gear ratio	295.75:1		
Gear tran	3 stage planetary		
Clutch	Sliding ring gear		
Motor type	Series wound		
Motor	4.8hp, 3.6kw		
Control	Hand control, 5m lead		
Braking	Automatic load holding in drum		
Drum size	67mm x 228mm (2.64" x 9")		
Cable - galvanised aircraft	9.53mm x 30.5m (3/8" x 100')		
Clevis hook	3/8"		
Overall dimensions (L x W x H)	570mm x 168mm x 175mm (22.45" x 6.62" x 6.89")		
Net weight	43kg		
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")		
Battery power cables	2 X 25mm ² , tinned copper with colour coding sheath protection		
Motor power cables	3 X 25mm², tinned copper with colour coding sheath protection		
Recommended battery	Minimum 650CCA		
Finish	Powder coating		

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
0lbs 0kg	14.0fpm 4.2mpm	90	12 volt
4000lbs 1816kg	9.2fpm 2.8mpm	190	12 volt
6000lbs 2724kg	7.9fpm 2.4mpm	230	12 volt
8000lbs 3632kg	6.9fpm 2.1mpm	260	12 volt
10000lbs 4540kg	6.5fpm 2.0mpm	300	12 volt
12000lbs 5443kg	5.9fpm 1.8mpm	330	12 volt

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	12000lbs 5443kg	15ft 5m	
2	10200lbs 4631kg	38ft 11.5m	
3	8400lbs 3814kg	64ft 19.5m	
4	7300lbs 3314kg	95ft 29m	
5	6500lbs 2950kg	100ft 30.5m	

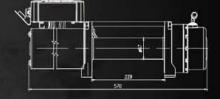




- · Hardened steel gears
- Stamped planetary gear carriers
- Ag-Cd alloy contacts (silver cadmium alloy)
 - Hardened steel brake



Fitted with Synthetic Rope constructed with Dyneema* SK75 fibre





Part No: EW12000S

- Winch
- · Control box
- · Hand control
- Tinned copper power cable kit with fibreglass sheath protection
- 9.53mm x 30.5m, (Genuine Dyneema® SK75)
- · Hawse fairlead
- · 10/8" Clevis hook
- · Hand saver hook strap
- · Warranty registration card
- Winch and fairlead mounting hardware (bolts, washer and nuts)
- · Side mounting kit for control box
- · Tie bar mounting kit for control box
- Spare gearbox gasket

General Information		
Specifications	12000lb (5443kg)	
Voltage	12 volt	
Gear ratio	295.75:1	
Gear tran	3 stage planetary	
Clutch	Sliding ring gear	
Motor type	Series wound	
Motor	4.8hp, 3.6kw	
Control	Hand control, 5m lead	
Braking	Automatic load holding in drum	
Drum size	67mm x 228mm (2.64" x 9")	
Cable – Genuine Dyneema* SK75	9.53mm x 30.5m (3/8" x 100')	
Clevis hook	10/8"	
Overall dimensions (L x W x H)	570mm x 168mm x 175mm (22.45" x 6.62" x 6.89")	
Net weight	31Kg	
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")	
Battery power cables	2 X 25mm², tinned copper with colour coding sheath protection	
Motor power cables	3 X 25mm², tinned copper with colour coding sheath protection	
Recommended battery	Minimum 650CCA	
Finish	Powder coating	

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	14.0 fpm 4.2mpm	90	12 volt
4000lbs 1816kg	9.2fpm 2.8mpm	190	12 volt
6000lbs 2724kg	7.9fpm 2.4mpm	230	12 volt
8000lbs 3632kg	6.9fpm 2.1mpm	260	12 volt
10000lbs 4540kg	6.5fpm 2.0mpm	300	12 volt
12000lbs 5443kg	5.9fpm 1.8mpm	330	12 volt

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	12000lbs 5443kg	15 ft 5m	
2	10200lbs 4631kg	38 ft 11.5m	
3	8400lbs 3814kg	64 ft 19.5m	
4	7300lbs 3314kg	95 ft 29m	
5	6500lbs 2950kg	100ft 30.5m	







EDGE 12000 1000LE THERESON CAPACITY

Part No: EW12000B

What's in the box:

- Winch
- Control box
- Hand control
- Tinned copper power cable kit with fibreglass sheath protection
- Warranty registration card
- · Winch mounting hardware (bolts and nuts)
- · Side mounting kit for control box
- Tie bar mounting kit for control box
- Spare gearbox gasket



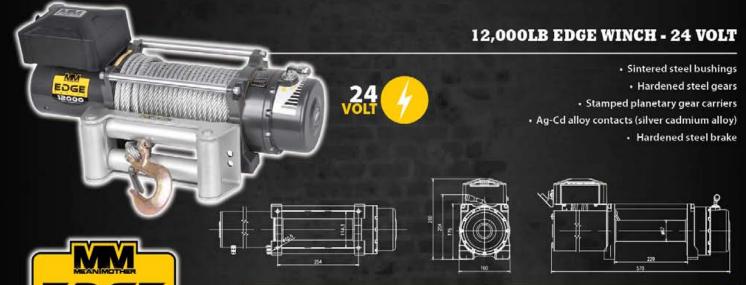


General Information		
Specifications	12000lb (5443kg)	
Voltage	12 volt	
Gear ratio	295.75:1	
Gear tran	3 stage planetary	
Clutch	Sliding ring gear	
Motor type	Series wound	
Motor	4.8hp, 3.6kw	
Control	Hand control, 5m lead	
Braking	Automatic load holding in drum	
Drum size	67mm x 228mm (2.64" x 9")	
Cable - galvanised aircraft	N/A	
Clevis hook	N/A	
Overall dimensions (L x W x H)	570mm x 168mm x 175mm (22.45" x 6.62" x 6.89")	
Net weight	22kg	
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")	
Battery power cables	2 x 25mm ² , tinned copper with colour coding sheath protection	
Motor power cables	3 x 25mm², tinned copper with colour coding sheath protection	
Recommended battery	Minimum 650CCA	
Finish	Powder coating	

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	14.0fpm 4.2mpm	90	12 volt
4000lbs 1816kg	9.2fpm 2.8mpm	190	12 volt
6000lbs 2724kg	7.9fpm 2.4mpm	230	12 volt
8000lbs 3632kg	6.9fpm 2.1mpm	260	12 volt
10000lbs 4540kg	6.5fpm 2.0mpm	300	12 volt
12000lbs 5443kg	5.9fpm 1.8mpm	330	12 volt

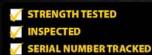


If you already have steel cable or synthetic rope in good condition, or want to fit a different size cable or rope, you can opt to purchase the winch in a BARE FORMAT. Basically this means the winch does not include steel cable, roller fairlead or clevis hook, therefore saving you time & money.



Part No: EW12000-24V

- · Winch
- · Control box
- Hand control
- Tinned copper power cable kit with fibreglass sheath protection
- 9.53mm x 30.5m, (7x19 construction galvanised aircraft cable)
- · Roller fairlead
- · 3/8" Clevis hook
- · Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts and nuts)
- · Side mounting kit for control box
- · Tie bar mounting kit for control box
- Spare gearbox gasket





General Information		
Specifications	12000lb (5443kg)	
Voltage	24 volt	
Gear ratio	295.75:1	
Gear tran	3 stage planetary	
Clutch	Sliding ring gear	
Motor type	Series wound	
Motor	24V 4.8hp, 3.6kw	
Control	Hand control, 5m lead	
Braking	Automatic load holding in drum	
Drum size	67mm x 228mm (2.64" x 9")	
Cable - galvanised aircraft	9.53mm x 30.5m (3/8" x 100')	
Clevis hook	3/8"	
Overall dimensions (L x W x H)	570mm x 168mm x 175mm (22.45" x 6.62" x 6.89")	
Net weight	43kg	
Mounting bolt pattern	254mm x 114.3mm (10" x 4.5")	
Battery power cables	2 x 25mm², tinned copper with colour coding sheath protection	
Motor power cables	3 x 25mm², tinned copper with colour coding sheath protection	
Recommended battery	Minimum 650CCA	
Finish	Powder coating	

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	16.8fpm 5.1mpm	68	24 volt
4000lbs 1816kg	11.3fpm 3.5mpm	140	24 volt
6000lbs 2724kg	9.5fpm 2.9mpm	165	24 volt
8000lbs 3632kg	8.4fpm 2.5mpm	190	24 volt
10000lbs 4540kg	7.8fpm 2.4mpm	220	24 volt
12000lbs 5443kg	7.0fpm 2.2mpm	245	24 volt

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	12000lbs 5443kg	15ft 5m	
2	10200lbs 4631kg	38ft 11.5m	
3	8400lbs 3814kg	64ft 19.5m	
4	7300lbs 3314kg	95ft 29m	
5	6500lbs 2950kg	100ft 30.5m	



CON.

EDGE SERIES ACCESSORIES & COMPONENTS



Compatible with other brands of winches equipped with a series wound motor.

(Hand control and electrical power cable not included.)

Part No: CB01

Part No: CB01-24V

Suits 12V Edge series 6000, 9500 and 12000lb.

Suits 24V Edge series 12000lb.

Control Box Plug Extension

Compatible with control box CB01/CB01-24V. Length: 800mm.

Part No: MMECPE

12V SOLENOID

Compatible with other brands of winches containing a series wound motor. Solenoid only.

Part No: DC01

Part No: DC01-24V

Suits 12V Edge series 6000, 9500 and 12000lb.

Suits 24V Edge series 12000lb.



WIRELESS REMOTE UPGRADE KIT

Suitable for Edge and Peak series winches only. Connects to the existing control box or contactor plug to allow wireless winch control.

Part No: CBWLKIT

4WD HAND CONTROL

Suitable for Edge and Peak series winches. 5 metre lead.

Part No: RC04

CONTROL SWITCHES

Control your winch from inside your vehicles cabin.

IN/OUT

ON/OFF

Part No: MMSW01

Part No: MMSW02



EDGE CONTROL BOX MOUNTING KIT

Fits 99% of all bullbars on the Australian market. Quality Powder coated finish. 3mm plate steel construction. All mounting hardware included.

45°

90°

Part No: MBE45

Part No: MBE90



ATV RECOVERY PEAK WINCH SERIES



Our 2000 and PEAK Series ATV recovery winches are available in 2000lb, 2500lb and 3500lb rated capacities. Each winch comes with steel cable as standard and the 3500lb has the option of factory fitted genuine Dyneema® SK75 fibre synthetic rope.

Mean Mother ATV winches have been designed to be compact and light weight and are ideal for most ATV/UTV vehicles. The 2500lb and 3500lb models are supplied with a universal mounting plate for easy installation. Each model has more than enough power to recover ATV/UTV vehicles from most situations. When selecting a winch you should always select one that is 1.5 times the Gross Vehicle Mass (GVM).









SERIAL NUMBER TRACKED

Mechanical:

The 2000lb model features a single stage planetary gearbox while the 2500lb and 3500lb models use a two stage planetary gearbox. All the winches in the range have a clutch system allowing the user to disengage the gearbox and free spool the cable.

Electrical:

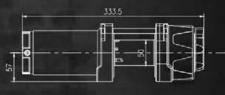
All of the ATV winches use efficient permanent magnet motors. The 2500lb and 3500lb models have a waterproof solenoid and handle bar switch to control forward and reverse functions, while the 2000lb model uses a hand control which is connected directly to the winch. The low amp draw, forward and reverse control and ease of installation makes these winches the perfect choice for ATV/UTV recovery, as well as boat & personal water craft trailers.





2500LB PEAK ATV WINCH

- Free spool function
 - Steel bushings
 - Steel gears
- · Forward and reverse operation







Part No: EW2500

- · Winch
- Winch mounting plate
- Solenoid (contactor)
- Handle bar switch with mounting bracket
- Power cable kit
- 4.76mm x 12m, (7x19 construction galvanised aircraft cable)
- · Roller fairlead
- 1/4" Clevis hook
- Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts, washers and nuts)

V	STRENGTH TESTED
1	INSPECTED
1	SEDIAL NUMBER TRACKER



General Information			
Specifications	2500lb (1135kg)		
Voltage	12 volt		
Gear ratio	242:1		
Gear tran	2 stage planetary		
Clutch	Turn 90° by handle		
Motor type	Permanent magnet		
Motor	3hp, 2.2kw		
Control	Handle bar mountable switch, 2.4m lead		
Braking	Self locking brake		
Drum size	50mm x 80mm (2" x 3.15")		
Cable - galvanised aircraft	4.76mm x 12m (3/16" x 39')		
Clevis hook	1/4"		
Overall dimensions (L x W x H)	333.5mm x 116mm x 114mm (13.13" x 4.57" x 4.5")		
Net weight	11.4kg (25lb)		
Mounting bolt pattern	124mm x 76mm (4.88" x 3")		
Battery power cables	2 x 2350mm x 8mm ²		
Motor power cables	1 x 600mm x 8mm² & 1 x 450mm x 8mm²		
Finish	Powder coating		

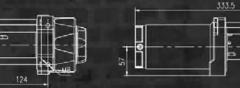
Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	19.7fpm 6.0mpm	31	12 volt
1000lbs 454kg	18.4fpm 5.6mpm	105	12 volt
2000lbs 907kg	14.8fpm 4.5mpm	145	12 volt
2500lbs 1135kg	13.5fpm 4.1mpm	195	12 volt

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	2500lbs 1135kg	9.2ft 2.8m	
2	2130lbs 967kg	20.3ft 6.2m	
3	1855lbs 842kg	33.1ft 10.1m	
4	1643lbs 746kg	39.4ft 12.0 m	



3500LB PEAK ATV WINCH

- · Free spool function
 - Steel bushings
 - · Steel gears
- · Forward and reverse operation







Part No: EW3500

What's in the box:

- Winch
- · Winch mounting plate
- · Solenoid (contactor)
- Handle bar switch with mounting bracket
- Power cable kit
- 5.56mm x 12m, (7x19 construction galvanised aircraft cable)
- · Roller fairlead
- 1/4" Clevis hook
- Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts, washers and nuts)

-							
	5	ΚE	NG	11:	H	51	ED
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INSPECTED



General Information			
Specifications	3500lb (1589kg)		
Voltage	12 volt		
Gear ratio	242:1		
Gear tran	2 stage planetary		
Clutch	Turn 90° by handle		
Motor type	Permanet magnet		
Motor	3.5hp, 2.61kw		
Control	Handle bar mountable switch, 2.4m lead		
Braking	Self locking brake		
Drum size	50mm x 80mm (2" x 3.15")		
Cable - galvanised aircraft	5.56mm x 12m (7/32" x 39')		
Clevis hook	1/4"		
Overall dimensions (L x W x H)	333.5mm x 116mm x 114mm (13.13" x 4.57" x 4.5")		
Net weight	12.8kg (28.2lb)		
Mounting bolt pattern	124mm x 76mm (4.88" x 3")		
Battery power cables	2 x 2350mm x 10mm ²		
Motor power cables	1 x 600mm x 10mm² & 1 x 450mm x 8mm²		
Finish	Powder coating		

Performance of 1st Layer				
Line Pull	Line Speed	Motor Amp Draw	Current	
0 lbs 0 kg	18.4fpm 5.6mpm	30	12 volt	
1000lbs 454kg	15.0fpm 4.6mpm	86	12 volt	
2000lbs 907kg	13.1fpm 4.0mpm	136	12 volt	
3500lbs 1589kg	9.8fpm 3.0mpm	230	12 volt	

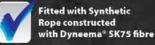
Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	3500lbs 1589kg	9.2ft 2.8m	
2	2900lbs 1317kg	20.3ft 6.2m	
3	2500lbs 1135kg	33.1ft 10.1m	
4	2200lbs 1000kg	39.4ft 12.0m	

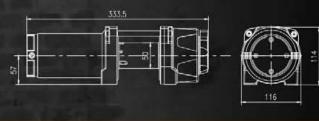




3500LB PEAK ATV WINCH - SYNTHETIC ROPE

- · Free spool function
 - Steel bushings
 - Steel gears
- · Forward and reverse operation







Part No: EW3500S

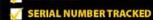
- Winch
- Winch mounting plate
- Solenoid (contactor)
- · Handle bar switch with mounting bracket
- · Power cable kit
- 4.76mm 15m, (Genuine Dyneema® SK75)
- · Hawse fairlead
- · 6/6" Clevis hook
- Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts, washers and nuts)

	General Information
Specifications	3500lb (1589kg)
Voltage	12 volt
Gear ratio	242:1
Gear tran	2 stage planetary
Clutch	Turn 90° by handle
Motor type	Permanent magnet
Motor	3.5hp, 2.61kw
Control	Handle bar mountable switch, 2.4m lead
Braking	Self locking brake
Drum size	50mm x 80mm (2" x 3.15")
Cable - Genuine Dyneema® SK75	4.76 x 15m (3/16" x 50')
Clevis hook	6/6"
Overall dimensions (L x W x H)	333.5mm x 116mm x 114mm (13.13" x 4.57" x 4.5")
Net weight	10.5kg (23.1lb)
Mounting bolt pattern	124mm x 76mm (4.88" x 3")
Battery power cables	2 x 2350mm x 10mm ²
Motor power cables	1 x 600mm x 10mm² & 1 x 450mm x 8mm²
Finish	Powder coating

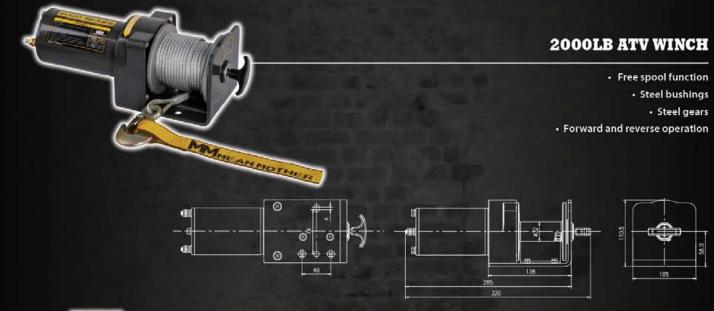
Performance of 1st Layer				
Line Pull	Line Speed	Motor Amp Draw	Current	
Olbs Okg	18.4fpm 5.6mpm	30	12 volt	
1000lbs 454kg	15.0fpm 4.6mpm	86	12 volt	
2000lbs 907kg	13.1fpm 4.0mpm	136	12 volt	
3500lbs 1589kg	9.8fpm 3.0mpm	230	12 volt	

Line Pull & Cable Capacity by Layer			
Cable Layer	Rated Line Pull	Cable Capacity	
1	3500lbs 1589kg	9.2ft 2.8m	
2	2900lbs 1317kg	20.3ft 6.2m	
3	2500lbs 1135kg	33.1ft 10.1m	
4	2200lbs 1000kg	47.6ft 14.5m	
5	1900lbs 863kg	50ft 15.0m	











Part No: EW2000

- · Winch
- Hand control with power leads
- 4mm 15.2m, (7x19 construction galvanised aircraft cable)
- · 1/4" Clevis hook
- Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts, washers and nuts)



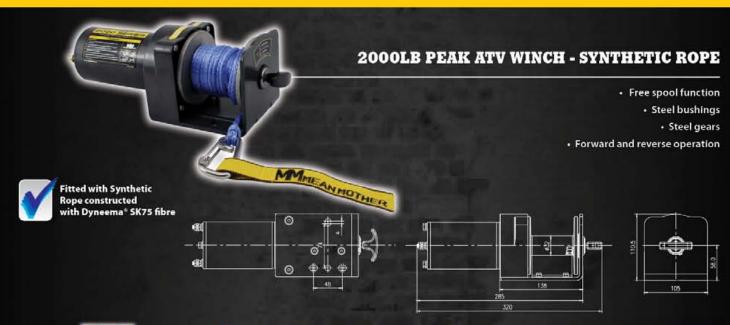




General Information		
Specifications	2000lb (907kg)	
Voltage	12 Volt	
Gear ratio	153:1	
Gear tran	1 stage planetary	
Clutch	Spline joint clutch	
Motor type	Permanent magnet	
Motor	1.5hp, 1kw	
Control	Hand control, 1.12m lead	
Braking	Self locking brake	
Drum size	32mm x 71mm (1.26" x 2.8")	
Cable - galvanised aircraft	4mm x 15.2m (5/32" x 50')	
Clevis hook	1/4"	
Overall dimensions (L x W x H)	320mm x 105mm x 110.5mm (12.6" x 4.13" x 4.35")	
Net weight	6.6kg (14.6lb)	
Mounting bolt pattern	48mm x 74mm (1.89" x 2.91")	
Battery power cables	2 x 1620mm x 6mm ²	
Motor power cables	2 x 1120mm x 6mm²	
Finish	Powder coating	

Performance of 1st Layer			
Line Pull	Line Speed	Motor Amp Draw	Current
Olbs Okg	13fpm 4.0mpm	19	12 volt
1000lbs 454kg	10fpm 3.1mpm	70	12 volt
1500lbs 680kg	8.2fpm 2.5mpm	90	12 volt
2000lbs 907kg	6.5fpm 2.0mpm	110	12 volt

Line Pull & Cable Capacity by Layer				
Cable Layer	Rated Line Pull	Cable Capacity		
1	2000lbs 907kg	6ft 1.8m		
2	1636lbs 742kg	13ft 4.0m		
3	1385lbs 628kg	22ft 6.7m		
4	1200lbs 544kg	33ft 10.0m		
5	1059lbs 480kg	44ft 13.4m		
6	947lbs 430kg	50 t 15.2m		





Part No: EW2000S

- · Winch
- · Hand control with power leads
- 4.5mm x 7.5m genuine Dyneema* SK75 fibre
- 1/4" 316 Stainless Steel Snap Hook
- Hand saver hook strap
- Warranty registration card
- Winch and fairlead mounting hardware (bolts, washers and nuts)





General Information			
Specifications	2000lb (907kg)		
Voltage	12 Volt		
Gear ratio	153:1		
Gear tran	1 stage planetary		
Clutch	Spline Joint clutch		
Motor type	Permanent magnet		
Motor	1.5hp, 1kw		
Control	Hand control, 1.12m lead		
Braking	Self locking brake		
Drum size	32mm x 71mm (1.26" x 2.8")		
Cable - Genuine Dyneema® SK75	4.5mm x 7.5m (.18" x 24')		
316 Stainless Steel Snap Hook	1/4"		
Overall dimensions (L x W x H)	320mm x 105mm x 110.5mm (12.6" x 4.13" x 4.35")		
Net weight	6.6kg (14.6lb)		
Mounting bolt pattern	48mm x 74mm (1.89" x 2.91")		
Battery power cables	2 x 1620mm x 6mm²		
Motor power cables	2 x 1120mm x 6mm²		
Finish	Powder coating		

Performance of 1st Layer				
Line Pull	Line Speed	Motor Amp Draw	Current	
Olbs Okg	13fpm 4.0mpm	19	12 volt	
1000lbs 454kg	10fpm 3.1mpm	70	12 volt	
1500lbs 680kg	8.2fpm 2.5mpm	90	12 volt	
2000lbs 907kg	6.5fpm 2.0mpm	110	12 volt	

Line Pull & Cable Capacity by Layer				
Cable Layer	Rated Line Pull	Cable Capacity		
1	2000lbs 907kg	6ft 1.8m		
2	1636lbs 742kg	13ft 4.0m		
3	1385lbs 628kg	22ft 6.7m		
4	1200lbs 544kg	33ft 10.0m		
5	1059lbs 480kg	44ft 13.4m		
6	947lbs 430kg	50 t 15.2m		



PEAK SERIES ACCESSORIES & COMPONENTS



ATV SOLENOID

Suits Peak series 2500lb and 3500lb winches.
Solenoid only.

Part No: DCATV



2000LB HAND CONTROL

Suits 2000lb winch.

Part No: RC01



ATV HANDLE BAR SWITCH

Suits Peak series 2500lb and 3500lb winches. 2.4 metre lead.

Part No: RCATV



WIRELESS REMOTE UPGRADE KIT

Suits Edge and Peak series winches only. Connects to the existing control box or contactor plug to allow wireless winch control.

Part No: CBWLKIT



4WD HAND CONTROL

Suits Edge and Peak series winches. 5 metre lead.

Part No: RC04



ATV WINCH MOUNTING PLATE

Suits EW2500 and EW3500 series ATV winches.

Part No: MMWMP



HAND WINCHES

4WD RECOVERY HAND WINCH SERIES

Hand winches are a must have accessory if you don't have an electric winch. The main advantage of a hand winch is it does not rely on the vehicle's power system and can be used and transferred between vehicles. The 1600kg winch is the most common as its weight is only 12kg making it easy to carry and setup for a recovery. The 3200kg winch has obvious benefits in its capacity however it is a much heavier unit at 23kg which can make a recovery setup more difficult. A great feature of the hand winch is that it can operate in both forward and reverse. Shear pins are installed in the winching handle as a safety precaution just in case the load is in excess of the rated winch capacity. Hand winches are simple to use and maintain although the process of recovering a vehicle can be slow and physically straining on the operator.

Hand Winch Specifications:	HW1600	HW3200
Rated forward hand power (N)	438	438
Rated capacity (kg)	1600	3200
Rated forward travel (forward & backward) (mm)	≥55	≥28
Wire cable dimensions 20m x dia (mm)	11	16
Maximum traveling load (kg)	2400	4000
Net weight (kg)	12	23
Unit dimensions (mm)	545 x 284 x 97	660 x 325 x 116

1600KG



HAND WINCH 1600KG RATED CAPACITY

WITH 11MM X 20M CABLE

Part No: HW1600



HAND WINCH 3200KG RATED CAPACITY

WITH 16MM X 20M CABLE

Part No: HW3200



11MM X 20M

16MM X 20M

Part No: HW1600C

Part No: HW3200C

HAND WINCH STORAGE BAGS

To suit 1600kg hand winch. Large bag accomodates hand winch and includes special pouch on back for handle attachment. Separate bag for wire cabe. Sold as pair.

Part No: HW1600BG





WINCH ACCESSORIES

HAWSE FAIRLEADS

A

If the fairlead shows any sign of damage or the cable inlet appears rough, always replace it as it can cause damage or breakage to the synthetic rope.



124MM CAST HAWSE FAIRLEAD

For use with synthetic rope & 124mm mounting pattern. Suits Peak 2500 and 3500lb ATV winches.

Part No: HF124



254MM CAST HAWSE FAIRLEAD

For use with synthetic rope, 254mm mounting pattern. Suits 9500 and 12000lb 4WD recovery winches.

Part No: HF254



254MM ALLOY HAWSE FAIRLEAD

Polished alloy fairlead for use with synthetic ropes, 254mm mounting pattern. Suits 9500 and 12000lb 4WD recovery winches.

Part No: AF254

ROLLER FAIRLEADS





Zinc plated 4 way roller fairlead for use with wire cables. Suits Peak 2500 and 3500lb ATV winches.

Part No: RF124



166MM

Zinc plated 4 way roller fairlead for use with wire cables. Suits Edge 6000lb winch.

Part No: RF166



254MM

Zinc plated 4 way roller fairlead for use with wire cables. Suits Boss 9500lb and Edge 9500lb & 12000lb winches.

Part No: RF254



Running synthetic winch rope through a roller fairlead can fray and damage your investment, compromising the strength and safety of the rope. When running synthetic rope on a winch, a hawse fairlead should be used, as the surface is smooth and acts as a guide without damaging the rope. It is highly recommended that you consider fitting a fairlead for pulling angles that exceed 5 degrees to help decrease the possibility of your synthetic ropes fraying. Always keep hands clear of fairlead opening during installation, operation, and when spooling in or out.

WINCH ACCESSORIES

ALLOY FAIRLEADS

ALLOY FAIRLEAD WITH MEAN MOTHER LOGO

Polished alloy fairlead for use with synthetic ropes. Suits 9500 and 12000lb 4WD recovery winches.

Part No: AF01





ALLOY FAIRLEAD WITH MEAN MOTHER LOGO 15mm OFFSET

Polished alloy fairlead for use with synthetic ropes. Suits 9500 and 12000lb 4WD recovery winches. 15mm offset with intake slot.

Part No: AF15



ALLOY FAIRLEAD WITH MEAN MOTHER LOGO 25mm OFFSET

Polished alloy fairlead for use with synthetic ropes. Suits 9500 and 12000lb 4WD recovery winches. 25mm offset with intake slot.

Part No: AF25



ALLOY FAIRLEAD BLANK

Polished alloy fairlead for use with synthetic ropes. Suits 9500 and 12000lb 4WD recovery winches.

Part No: AF01B



ALLOY FAIRLEAD BLANK 15mm OFFSET

Polished alloy fairlead for use with synthetic ropes. Suits 9500 and 12000lb 4WD recovery winches. 15mm offset with intake slot.

Part No: AF15B

ALLOY FAIRLEAD BLANK 25mm OFFSET

Polished alloy fairlead for use with synthetic ropes. Suits 9500 and 12000lb 4WD recovery winches. 25mm offset with intake slot.

Part No: AF25B

WINCH ACCESSORIES

REPLACEMENT WIRE CABLE

Cables are galvanised aircraft 7 x 19 construction (7 x 19 consists of 7 strands, each with 19 wires). This construction is the most flexible and the easiest to work with, particularly when the rope is required to turn corners, change directions or feed through a snatch block.



REPLACEMENT WIRE CABLE

4.8MM X 12M

5.6MM X 12M

6.0MM X 18M

Part No: WC04812

Part No: WC05612

Part No: WC0618

7.2MM X 26M

Part No: WC07226

9.5MM X 30M

10MM X 28M

Part No: WC09530 Part No: WC1028

CLEVIS HOOKS



CLEVIS HOOK WITH CLIP

Pin type clevis hook with a safety clip. Made using forged alloy.

1/4" HOOK

3/8" HOOK

Part No: CH014

Part No: CH038



CLEVIS HOOK WITH CLIP - YELLOW

Eyelet type clevis hook with a safety clip. Made using forged alloy.

6/6" HOOK

8/8" HOOK

10/8" HOOK

Part No: CHE68

Part No: CHE88

Part No: CHE108

HEAVY DUTY SLING HOOK



HEAVY DUTY SLING HOOK WITH CLIP - YELLOW

Sling Hook with Half Link & Latch . Made using Die Forged carbon Steel with heat treatment. Safety Latch made with stainless steel.

8/8" HOOK

10/8" HOOK

Part No:

CHD88

Part No: CHD108

WINCH ACCESSORIES

SYNTHETIC ROPE CONSTRUCTED WITH DYNEEMA® SK75 FIBRE

TIP

Beware of imitations! Not all synthetic rope is the same. Always insist on Synthetic Rope constructed with Dyneema® SK75 fibre DSM Dyneema is the inventor and manufacturer of Dyneema", the world's strongest fibre. Dyneema is Ultra-High Molecular Weight Polyethylene (UHMWPE) fibre that offers maximum strength combined with minimum weight. Compared to the same diameter wire cable, it is 1/7th the weight. On a weight-for-weight basis, it is up to 15 times stronger than steel. Dyneema floats on water and is extremely durable and resistant to moisture, UV light and chemicals. Dyneema has extremely low elongation, meaning there will be little lash back if a breakage occurs, and it will not kink, curl or splinter like wire cable. A handy feature of the Dyneema fibre constructed synthetic rope kits is that, should it break, you can splice it back together and safely complete the recovery. Dyneema fibre is also used in body armour, mooring ropes, cables and nets in the fishing, shipping and offshore industries, and safety gloves for the metalworking industry.

Mean Mother uses only Genuine Dyneema" SK75 fibre when constructing our rope kits. All pre-assembled kits include synthetic rope, inner and outer protective sleaves, clevis hook, stainless steel thimble and lug. Synthetic rope must be used with an hawse or alloy fairlead.



SYNTHETIC ROPE CONSTRUCTED WITH DYNEEMA® SK75 FIBRE

Includes stainless steel thimble, clevis hook, 3.5m inner and outer 1.5m protection sleaves. Treated for protection against UV and heat.

4.8MM X 15M

Part No: SR04815

6.3MM X 15M

8MM X 30M

Part No: SR06315

Part No: SR08530

9.5MM X 30M

Part No: SR09530

9.5MM X 40M

Part No: SR09540

10MM X 30M

Part No: SR1030

10MM X 40M

Part No: SR1040

10MM X 45M

Part No: SR1045



Stainless Steel Thimble with Crush Tube



UV Stable Rock Sleeve



Fire Retardant Heat Sleeve



Cable Mounting Lug



Mean Mother are an officially authorised trademark licenced partner for Dyneema®

WINCH ACCESSORIES

ELECTRICAL CABLES



TINNED COPPER POWER CABLE KIT

Kit includes the following: 2 x 1900mm battery cables* 3 x 450mm motor cables* 1 x earth cable.

Part No: EC01



CONTROL BOX CABLE KIT

Kit includes the following: 2×1900 mm battery cables* 3×450 mm motor cables* 1×6 earth cable.

700mm

1500mm

Part No: EC02

Part No: EC03



POWER CABLE KIT 1900mm

Kit includes the following: 2 x 1900mm battery cables* 3 x 450mm motor cables* 1 x earth cable.

Part No: EC04

*Marine grade 25mm2 tinned coated copper electrical cable with sheath protection. Tinning involves coating each individual strand of copper housed inside the cable core. This process greatly increases the life of the power cable and is regarded as the ultimate in corrosion protection.

HAND SAVER HOOK STRAP



HOOK STRAP

For safe handling of a clevis hook when pulling out winch cable.

Part No: MMHS





BOW & D SHACKLES

Shackles are an essential recovery item and you can never have too many of them. They are most commonly used to attach recovery straps, tree trunk protectors, winch extension straps & snatch blocks. The larger 4.7 tonne shackles are best suited to electric winch recovery situations. The most commonly used shackle is the "Bow" because its shape allows for bulky items to be easily attached. Shackles should only be used on vehicles fitted with recovery rated points featuring closed eyelets.



Shackles can become a lethal missile if something should break or fail during a recovery. Ensure that all spectators are well clear and all recovery lines have a dampening blanket on them (Refer page 41). Never load a shackle across its width because the load will be imposed on the threads. The force must be at right angles to the pin.



Inspect shackles before and after use for any damage. If pins are hard to turn or the shackle has been overstressed, it should be immediately replaced.

TIP

To avoid seizing the screw pin, its always a good idea to back off about 1/2 to 1 turn after fully hand tightening. Shackle pins can seize due to the force exerted during recovery operations.



BOW SHACKLES

High visibility bow shackles. Complies to AS/NZS 2741.2002.

Complies with Australian Standards

16 X 19MM - 3.25T

Part No: MM511

Max capacity 3250kg

19 X 22MM - 4.7T

Part No: MM512

Max capacity 4700kg

D SHACKLES

High visibility D shackles. Complies to AS/NZS 2741.2002.



16 X 19MM - 3.25T

Part No: MM513

Max capacity 3250kg

19 X 22MM - 4.7T

Part No: MM514

Max capacity 4700kg

RECOVERY HITCH

Made from high strength steel this hitch is the only safe way to attach a recovery device to a vehicles towing system. Hitch comes complete with a 4.7T coated bow shackle. This unit is suitable for most general winch or strap recoveries.



HITCH RECEIVER

Includes high visibility bow shackle. Complies to AS/NZS 2741.2002.

Part No: MMRHS



TOW HOOKS

Most 4WD vehicles are equipped with rated recovery points which are usually detailed in the vehicle owners manual. Each tow hook is supplied with hardware to complete installation however some may require additional fittings. For added safety the tow hook has a steel retaining clip, to prevent straps from falling off during a recovery.



A tow ball or vehicle tie down point is not designed as a recovery point. These points DO NOT have sufficient load ratings to handle the loads exerted during a recovery. Failure to attach recovery straps to a correctly rated recovery point may result in a failure and the strap, tow ball or other item used in the recovery may become a missile and could result in serious injury or death.

TOW HOOKS







YELLOW

Part No: MMHKY

BLACK

MMHKB Part No:

CHROME

Part No: MMHKC

DRAG CHAIN

A versatile piece of equipment mostly used for dragging fallen trees, rocks or general debris away. Because drag chains are not easily damaged they are the preferred option over webbing straps. Another common use is when a stricken vehicle requires a winching line to be attached. The chain acts as an equaliser to evenly distribute the load between two rated recovery points on the vehicle.

DRAG CHAINS



Includes 1 x grab hook, 1 x lug link, G70 high tensile steel chain & heavy duty storage bag, complies with AS/NZS4344:2001.

Made from 1045C hardened carbon steel. Working load limit (WLL)

5M X 7MM - 2.9T

Part No: MMDC7

Lashing capacity 2900kg Breaking Strain 5800kg

RECOVERY GLOVE

These Mean Mother leather recovery gloves have been made using premium grain leather and feature stitch free palms, a winged thumb and elastic cuff. Leather gloves are extremely important when handling recovery accessories, equipment or wire cable as they offer protection to your hands.

OFFROAD RECOVERY GLOVES

These gloves are sold as a pair, large size. Made using quality leather.

Part No: MMLG



SNATCH BLOCK

Snatch blocks reduce the load placed on a winch when performing a recovery or to avoid damage when changing the direction of the cable. The snatch block has two outer steel casings which swivel apart and allow the winch cable to be placed over the pulley wheel. Attach snatch blocks to appropriately rated recovery accessories such as tree trunk protectors or extension straps. Connection should be made using rated Bow or D shackles through the eyelets on the two outer casings of the snatch block.



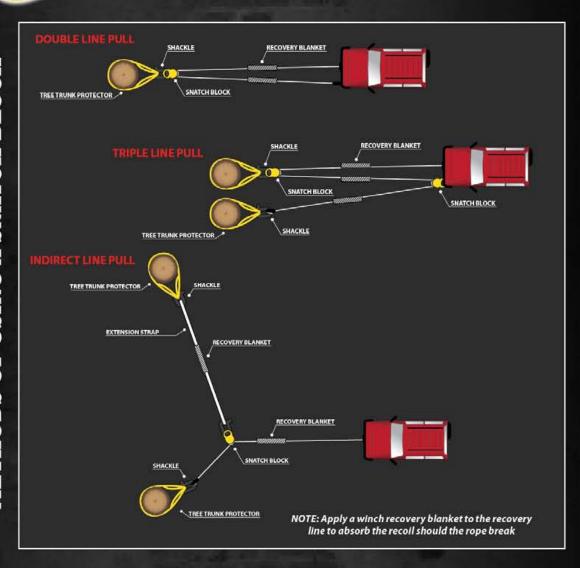
Snatch blocks increase the pulling capacity by 1.5 times for each snatch block used. When using a snatch block your line pull speed is reduced.

8T SNATCH BLOCK

8000kg capacity, heavy duty neoprene storage bag for protection when not in use.

Part No: MMSB8T

METHODS OF USING A SNATCH BLOCK



SNATCH STRAPS

All Mean Mother snatch straps are made here in Australia and tested to meet the highest quality and strength standards. They are manufactured from 100% treated nylon webbing with reinforced eyelets to prolong operational life. Similar to a rubber band, a snatch strap being stretched between two vehicles generates a kinetic energy pulling force as the strap returns to its original length. The combination of the recovery vehicle pull and the pulling force from the strap creates a 'snatching' effect that can heave a stranded vehicle free from being bogged or unable to move under its own power.

> Australian made, high tenacity nylon webbing. Kooper reinforced eyes, thermo fixed and treated for longer wear. High elongation of 20%.

9M X 75MM - 11T

Part No: MMSS11T

9M X 60MM - 8T

Part No: MMSS8T

Minimum breaking strength 11,000kg

Minimum breaking strength 8000kg



When using a snatch strap carefully follow the safety guidelines set out in the instruction sheet included with each kit.



RECOVERY KITS

Having a fully stocked and properly maintained recovery kit is an essential accessory for any 4WD enthusiast. It is very important to have quick and easy accessibility to all your recovery equipment. Each Mean Mother recovery kit has been carefully tailored to include the correct equipment for most recovery situations.

SELECTION GUIDE

5 PCE KIT: Ideally suited to the 4WD adventurist who does not have a winch fitted to their vehicle or a hand winch on board. The 5 piece kit requires the assistance of another vehicle to complete a snatching recovery.

8 PCE KIT: Best suited to the 4WD enthusiast who has a winch installed on the vehicle or a hand winch on board. Designed to maximise winch capabilities, performance and versatility. The kit offers users the ability to self recover or perform a snatching recovery.



RECOVERY KIT - 5 PIECE

MMKIT01





1x 8000kg Australian made snatch strap 2 x 3.2 tonne bow shackles 1 x Pair of gloves 1 x Heavy duty storage bag





Kit includes:

Kit includes:

1x 8000kg Australian made snatch strap 1 x 4500kg winch ext strap (10m x 50mm) 1 x 6500kg tree trunk protector (3m x 75mm) 1 x 8000kg snatch block 1 x 4.7 tonne bow shackle 1 x 4.7 tonne D shackle 1 x pair of gloves 1 x heavy duty storage bag

RECOVERY KIT - 8 PIECE

ACCESSORY STRAPS

Mean Mother

accessory straps are made from quality polyester webbing which is treated for longer wear. Each of the accessory straps features low elongation, reinforced and protected eyelets. All straps have been tested to meet quality and strength standards.



The equaliser strap has been designed to evenly distribute the load on your vehicle during a recovery operation when connected to two rated recovery points. They are generally used in conjunction with a snatch strap or extension strap. Mean Mother equaliser straps are equipped with a moveable protective sleeve on the strap webbing.



EQUALISER STRAP

2.5m x 75mm 8000kg minimum breaking strength, grey polyester webbing. Movable protective sleeve in the middle and black reinforced eyelet protectors.



Part No: MMEQ8

TREE TRUNK PROTECTORS

Tree trunk protectors are designed to protect the tree used as an anchor point for your recovery. If you use anything other than a tree trunk protector you risk damaging both the tree and your winching line and over time may also cause the tree to die.

TREE TRUNK PROTECTOR

3m x 75mm, 6500kg minimum breaking strength. White polyester webbing, Black reinforced eyelets protectors.



Part No: MMTTP

WINCH STRAPS

An extension strap is the ideal accessory to any winch, either hand or electric. They are used to extend the length of a winch cable should it not be long enough to anchor to a suitable recovery point once fully extended.

WINCH STRAPS

4500kg minimum breaking strength. Black polyester webbing, yellow reinforced eyelets protectors.

5M X 50MM - 4.5T

10M X 50MM - 4.5T

20M X 50MM - 4.5T

Part No: MMW05 Part No: MMW10

Part No: MMW20





RECOVERY STRAP DRYING BAG

Designed to allow the airing of a recovery strap after use in wet conditions. The mesh construction provides the necessary ventilation to ensure maximum air flow and drainage. For the quick drying of straps, the bag can be left in direct sunlight but only for short periods of time.

RECOVERY STRAP DRYING BAG

The large (44.5cm x 39cm) PVC coated polyester bag will accommodate most recovery straps. The sewn-in loop strap allows it to hang over a bull bar or ute racks.

Part No: MMRDB

RECOVERY DAMPER

Also known as a recovery blanket, they are one of the most important safety accessories you can own. Designed to eliminate the whipping action of a strap or winch cable in the event of a failure, they reduce the possibility of personal injury and vehicle damage. The damper comes in a high visibility safety orange with reflective tape for both day & night use. To install, simply fold the damper over the strap or cable and position midway between the vehicle and recovery strap.



RECOVERY BLANKET

Quality orange vinyl winch cable damper with reflective silver stripes, hook and loop tape and a storage pocket on the inside. 90cm x 50cm, total weight of 1.1kg.

Part No: MMRB

DEEP DISH TRAY MATS

Made using quality, durable and hard wearing PVC the high walls of these mats are designed to trap dirt, stones, grass and mud, protecting your vehicles interior. The front mats have guidelines which allow you to trim the mats for a neater fit. Simply hose to clean and unlike rubber mats, PVC mats do not create unpleasant odours.



TRAY MAT FRONT

Sold singly, 71cm x 50cm PVC front tray mat. Total weight 1.60kg.

BLACK

GREY

Part No: MM4800

Part No: MM4801

TRAY MAT REAR

Sold singly, 47cm x 50cm PVC rear tray mat. Total weight 1.10kg.

BLACK

GREY

Part No: MM4850

Part No:

MM4851

FOLDABLE SHOVEL

Often overlooked, the humble folding shovel is an essential piece of equipment. It comes with a handy storage bag for the shovel and any dirt from the recovery, to keep your vehicle clean. Folds in three sections, comes with a storage bag. 580mm total extended length, 240mm folded length

FOLDABLE SHOVEL

Part No: MMFS



HIGH-LIFT JACK

One of the most practical recovery accessories you can have is a Mean Mother high-lift jack. It can be used in situations where it is necessary to lift, winch, clamp, pull and push. They are useful in lifting a vehicle clear from obstacles that come into contact with the underbody. By lifting the vehicle holes can be filled or articles such as rocks, wood or sand tracks can be positioned to assist in creating traction for the wheels.

HIGH-LIFT JACK 48IN

Working Load Limit 1500kg, total height: 48" (122cm), height lowered: 110mm, height raised: 1020mm. Complies with the mandatory requirements of AS/NZ52693:2007.

Part No: MMHLJ





Complies with Australian Standards

HIGH-LIFT JACK SAND BASE

Part No: MMHLJB

HIGH-LIFT JACK CARRY BAG

Part No: MMHLJBG

HIGH-LIFT JACK WHEEL MOUNT

Made from quality aluminium.

Part No: MMHLJWM



Air Jacks are the perfect recovery item for any off road traveller exploring areas where soft sand, snow & mud might be encountered. The Mean Mother air jack works by using the vehicle's exhaust gases from the tailpipe to inflate the air bag. Alternatively it can be inflated using an onboard or portable air compressor.

The air jack provides stability and control when raising a vehicle. Constructed from heavy duty high tenacity nylon, it's coated with plasticised PVC to provide maximum strength and resistance against tearing. Special triangular feet built into the base provides superior grip and maximum grounding in all conditions. Exhaust jacks are not an alternative to the vehicle's factory supplied jack, they are a serious recovery product.

EXHAUST JACK





Kit includes: 1 x 5m exhaust hose 1 x 1m extension hose 1 x air compressor adaptor 1 x pair of leather gloves 1 x puncture repair kit (3 patches + 1 glue)
2 x protective mats
1 x yellow carrying zipper storage bag
4000kg maximum gross vehicle mass (GVM)

Part No: MMEXJ

75cm

lift!



TYRE GAUGES

Mean Mother tyre gauges are shock resistant, reliable, easy to read and operate. They have ANSI (American National Standards Institute) grade B accuracy.

All our gauges have been tested to ANSI standards for their precision and accuracy. The classifications relate to the scale of the gauge. The scale of the gauge, commonly referred to as the pressure range is divided into three equal portions when characterising its accuracy. For example 0-20psi, 20-40psi and 40-60psi portions of the dial. Mean Mother gauges have a Grade B accuracy, meaning the accuracy for the 0-20psi and 40-60psi portions fall to within 3% of the actual pressure being measured. The middle portion is the most accurate and in this case would be accurate to within 2% of the pressure being measured. When selecting a gauge for your application you should select one where the middle portion will be the pressure range required. For this reason all Mean Mother gauges are 0-60psi which is most suited to the 4WD and standard vehicle market.

Mean Mother tyre gauges achieve this accuracy and reliability because of the quality of components and design. They feature a unique diaphragm made from a composite material that is sensitive to even the slightest change in pressure and will never lose their shape. Most common tyre gauges are constructed using a bourdon tube with mechanical gears. Its generally acknowledged that when the bourdon tube receives a sudden boost of pressure the internal gearing activates to move the pointer. The gears can easily fail as a result of the torque generated from this action.



PRESSURE GAUGE 60LB

2" Dial, 0 - 60 psi, ANSI grade B accuracy. Straight tyre valve connector and air release button. Handy storage case.

Part No: MMTG60



PRESSURE GAUGE 2INCH W/ EXT HOSE

2" Dial, 0 - 60 psi, braided extension hose. ANSI grade B accuracy. 45° angled valve connector with deflation nipple and air release button. Quality zipper storage pouch.

Part No: MMTGE2



PRESSURE GAUGE 3 1/2 INCH

3 1/2" Dial, 0 - 60 psi, 45cm rubber (NBR) extension hose. Rubber body impact protection cover.

ANSI grade B accuracy. 360° swivelling brass valve connector with deflation nipple and air release button. Stored in a blow mould case.

Part No: MMTG312

TYRE REPAIR

TYRE REPAIR KIT HEAVY DUTY

Part No:

The Mean Mother tyre repair kit has all the necessary components to complete an emergency repair to a tubeless tyre. The kit features a set of long nose pliers which are handy for removing objects imbedded in the tread.

Kit includes:

1 x long nose pliers 1 x lubricant
1 x reamer tool 20 x repair cords

1 x insert tool 1 x knife

2 x allen keys 1 x storage case.

MMTG200

MAXI 4X4 AIR COMPRESSOR







COMPRESSOR FEATURES:



Heavy Duty Rubber Hose



Quality Brass Hose Fittings



Base Plate



BAR & PSI Pressure Gauge



Air Bleed-Off Button



Battery Clamps





Thumb Lock Fitting



Durable Carry Bag





Tyre Valve Attachment



^{*} Please note: Features shown may be included on a particular model. Please see inclusions for each compressor on the following pages.

MAXI 4X4 AIR COMPRESSOR 110L/MIN

Massive 110L/min F.A.D
45mm cylinder
0.65hp (0.48Kw) permanent magnet motor
2.4m power leads with quality battery clips
Rubber hoses
Screw or thumb lock valve adaptors
55 minute duty cycle
Can be permanently mounted



Part No: MMACM2

	General Information
Specifications	110L/min
Voltage	12 volt
Cylinder	45mm
Maximum current	40amp
Maximum pressure	150psi
Thermal cut out protection	Yes - active at 105°C
Duty cycle	55 minutes at 40psi
Motor	0.65hp (0.48Kw)
Cooling	Cooling fins
Power cables	2.4m with heavy duty battery clips
Control	On/off toggle switch
Electrical current protection	40amp in line fuse
Adaptor hose	0.5m rubber hose with quick connectors, gauge and deflation button
Extension hose	5m rubber hose with quick connectors
Valve connectors	1 x screw type and 1 x thumb lock quick connector
Gauge	0-150psi
Overall dimensions (L x W x H)	27cm x 14.5cm x 19cm
Net weight	5.6kgs
Base	Metal sand tray with rubber feet. Can be permanently mounted to a vehicle
Storage	Heavy duty bag with zipper
General accessories	3 x accessory inflation adaptors for sporting / camping equipment

Operation Time V's Pressure (tyre inflation)*					
Tyre - 205/60 R16		Tyre - 275/70 R16			
Time (minutes, seconds)	PSI (kg/cm²)	Time (minutes, seconds)	PSI (kg/cm²)		
0 min, 48 sec	14.2psi (1kg/cm²)	1 min, 42 sec	14.2psi (1kg/cm²)		
1 min, 30 sec	28.4psi (2kg/cm²)	3 min, 24 sec	28.4psi (2kg/cm²)		
2 min, 24 sec	42.6psi (3kg/cm²)	5 min, 24 sec	42.6psi (3kg/cm²)		
3 min, 15 sec	56.8psi (4kg/cm²)	7 min, 30 sec	56.8psi (4kg/cm²)		

Flow Rate (L/M) V's Amp Draw V's Pressure (continues operation)*			
Air Flow (L/min)	Motor amp draw	PSI (kg/cm²)	
110L/min	N/A	0psi (0kg/cm²)	
105L/min	22amps	14.2psi (1kg/cm²)	
80L/min	24amps	28.4psi (2kg/cm²)	
68L/min	28amps	42.6psi (3kg/cm²)	
60L/min	31amps	56.8psi (4kg/cm²)	
55L/min	33amps	71psi (5kg/cm²)	

*As tested at DC13V, individual results may vary depending on each compressor and environmental conditions.

ADVENTURER II AIR COMPRESSOR





Maconina

ADVENTURER II 4X4 AIR COMPRESSOR

- Powerful 160 litres/min (LPM) free air delivery (F.A.D)
- 60mm cylinder
- 45 minutes duty cycle @ 40psi
- Equipped with thermal cut out and circuit breaker protections
- 0.73hp (0.54kw) permanent magnet motor
- Rubber hoses with quick connectors

For setting specification, plants are other side at bo



COMPRESSOR FEATURES:



BAR & PSI Pressure Gauge



3333333

Air Bleed-Off Button



Battery Clamps



Heavy Duty Rubber Hose



Quality Brass Hose Fitting



Base Plate



Built-In Air Filter



Tyre Valve Attachment



45amp Circuit Breaker & Switch



Additional Adapter



Thumb Lock Fitting



Durable Carry Bag

^{*} Please note: Features shown may be included on a particular model. Please see inclusions for each compressor on the following pages.



ADVENTURER II AIR COMPRESSOR 160L/MIN

Powerful 160L/Min F.A.D
60mm cylinder
0.73hp (0.54Kw) permanent magnet motor
2.4m power leads with quality battery clips
Rubber hoses
Screw or thumb lock valve adaptors
45 minute duty cycle
Can be permanently mounted



Part No: MMACA2

	General Information
Specifications	160L/min
Voltage	12 volt
Cylinder	60mm
Maximum current	45amp
Maximum pressure	150psi
Thermal cut out protection	Yes - active at 105°C
Duty cycle	45 minutes at 40psi
Motor	0.73hp (0.54Kw)
Cooling	Cooling fins
Power cables	2.4m with heavy duty battery clips
Control	On/off toggle switch
Electrical current protection	Circuit breaker with reset button
Adaptor hose	0.5m rubber hose with quick connectors, gauge and deflation button
Extension hose	5m rubber hose with quick connectors
Valve connectors	1 x screw type and 1 x thumb lock quick connector
Gauge	0-150psi
Overall dimensions (L x W x H)	32.5cm x 15cm x 26.5cm
Net weight	8.7kgs
Base	Metal sand tray with rubber feet. Can be permanently mounted to a vehicle
Storage	Heavy duty bag with zipper
General accessories	3 x accessory inflation adaptors for sporting / camping equipment

Operation Time V's Pressure (tyre inflation)*				
Tyre - 205/60 R16		Tyre - 275/70 R16		
Time (minutes, seconds)	PSI (kg/cm²)	Time (minutes, seconds)	PSI (kg/cm²)	
0 min, 36 sec	14.2psi (1kg/cm²)	1 min, 18 Sec	14.2psi (1kg/cm²)	
1 min, 12 sec	28.4psi (2kg/cm²)	2 min, 36 Sec	28.4psi (2kg/cm²)	
1 min, 48 sec	42.6psi (3kg/cm²)	4 min, 00 Sec	42.6psi (3kg/cm²)	
2 min, 30 sec	56.8psi (4kg/cm²)	5 min, 30 Sec	56.8psi (4kg/cm²)	

Air flow (L/min)	Motor amp draw	PSI (kg/cm²)
160L/min	N/A	0psi (0kg/cm²)
124L/min	38amps	14.2psi (1kg/cm²)
108L/min	40amps	28.4psi (2kg/cm²)
94L/min	42amps	42.6psi (3kg/cm²)
88L/min	43amps	56.8psi (4kg/cm²)
80L/min	43amps	71psi (5kg/cm²)

TRED RECOVERY DEVICE

Designed and manufactured in Australia from specifically engineered polyolefin materials, TREDs can handle intense levels of torque, flex, weight and impact. With a designated shovel feature, extreme hex grip nodules, dual size offering, aggressive ramp entry teeth and ultimate wear resistant properties, TREDs are the best option to get you going when loss of traction disrupts your journey.

TREDs can eliminate the hazardous and potentially fatal practices of vehicle recovery involving highly stressed components such as steel cables, shackles, snatch straps and winches - TREDs keep you & your family safe. With TREDs every recovery is done at a slow, steady and safe pace. Plan your trip, pack your TREDs, and explore with confidence!









TRED 800MM

The TRED 800 has been specifically designed with smaller vehicles in mind such as RAV4, Suzuki, and 'jeep type' four wheel drives where storage of larger recovery products is difficult. TRED800 offer great peace of mind for anyone driving a two wheel drive vehicle in areas that could result in loss of traction (e.g. rural properties, weekend drives, icy car parks). TRED800 by no means takes a back seat to the TRED1100 – many large off-road specialists carry both the 1100 and 800 sizes with the 800 serving as a great option for tricky recovery spaces where positioning of the 1100 is a little tight. Sold in pairs.



Part No: TRED08R



Part No: TRED08BK



Part No: TRED08G



Part No: TRED08PK



Part No: TRED08GG



Part No: TRED08MG



TRED08DS

Part No:



Part No:

TREDOSBL

TRED 1100MM

TRED1100 is designed with the serious off-road enthusiast in mind with a little extra width and length to help launch your vehicle out of boggy ground in more serious recoveries. Even if you have a full gamut of recovery gear, your recovery kit isn't complete until you have a pair of TREDs. By using TREDs alongside winching or snatching you will have a far better chance of escaping those extremely serious scenarios that threaten your ability to take your vehicle home at the end of the day. In these situations TREDs also significantly reduce the stress on your vehicle and recovery components. Sold in pairs.



Part No: TRED11R



Part No: TRED11BK



Part No: TRED11G



Part No: TRED11PK



Part No: TRED11GG



Part No: TRED11MG



Part No: TRED11DS



Part No: TRED11BL



Designed to protect & store your TREDs. Bags feature a heavy duty closure tab, tough carry handle and waterproof PE material.

To suit 800mm

To suit 1100mm

Part No: TB800

Part No: TB1100



This leash assists in locating your TREDs should they

bury beyond sight after vehicle recovery. Features floating padded handle. Sold as pair.

Part No: TL1500