

· SINCE 1997 ·



Zhejiang NOWVOW Mechanical & Electrical Corp.,Ltd



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ELECTRIC PRODUCT GUIDE 2019-2020

EXPERIENCE AMAZING



ENTERPRISE PROFILE

Zhejiang Nowvow Mechanical & Electrical Corp Ltd is dedicated to design and manufacture of winching products since 1997. In the past 22 years we have built up an unrivalled reputation and commitment to producing quality and innovative products in the ever increasing worldwide markets.

Innovative technology, customer commitment and listening to our dealers and customers have allowed us to set up the recognised Novawinch brand. Which has now distributers in over 30 countries, and increasing consistently through the dedication of our distributors promoting the unrivalled Novawinch brand.

There is no shortcut to perfection, at Nowvow, we pour our effort and our thirst for challenge into every product we make. To satisfy the tough demands of the world's top grade vehicle and military suppliers, they believe in us, for the peerless reliability of our products.









IATF16949



COMPANY CAPABILITY



Since 1997



First Chinese Off-road electric winch



Top level winch testing lab in China



200,000+ winch annual production



Authorized Chinese military partner



Leading manufacturer of hydraulic and electric, worm gear and planetary gear winches in China



70 registered patents, 5 international & 10 domestic innovation patents



16 full-time engineers



Industry-leading workshop









GO FURTHER, AND BACK HOME SAFELY

Wherever you go, whatever your journey should you get stuck, you can always depend on **NOVAWINCH** your reliable partner to help you out.

Our undefeatable range of electric winches from 2,000lbs through to 18,500lbs, will allow you to choose the correct winch for your application, whatever the range, from premium to standard range. To move on we are eager to exhibit the new range of products and winches, so check out the relevant winch details and models, for more information go to



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HOW TO CHOOSE THE RIGHT WINCH?

- 1. Find needed winch load capacity: vehicle/object weight (loaded with gear) multiply by 1.5.
- 2.Match capacity with a winch range that meets your needs for all features.



PRO SERIES WINCH(18500lbs-14500lbs)CAPACITY

Novawinch PRO series is the new generation, design based on military standard which can continue work for long time, with fast speed and lower current, extrmely IP67 water resistance, used for the off-road, trailer, truck etc. To be your right-hand man, getting you back home safely.



PRO SERIES WINCH(12500lbs-9500lbs)CAPACITY

World most safety winch series! PRO series is the new generation of NOVAWINCH, born for toughest off-road application. Its double lock brake design is ideal for synthetic rope. Fast and safety but reasonable price



T SERIES WINCH(18000lbs-12500lbs)CAPACITY

Ideal winch for heavy duty application, especially mount on trucks or trailers. It has all the stable and safe factors you want for tough applications.



T SERIES WINCH(12000lbs-8000lbs)CAPACITY

Super value but has high stability. Classic model but engineers still working on improving. Proven by enthusiasts in the extreme mud, sand, and rock trails.



T AND TD SERIES WINCH(4500lbs-2500lbs)CAPACITY

Standout performer in ATV/UTV winching. Efficient motor, solid contactor, strong drum for synthetic rope. Integrate control box meets various applications.



K SERIES WINCH(3000lbs-2000lbs)CAPACITY

Built for action, K series provide amazing pulling power from a small winch. Tries and true designs, perfected over the years offer unmatched durability and performance.



PT1100&NV0D3000

One man can get the labor intensive pulling and lifting jobs done quickly and effortlessly with this portable tool.

APPLICATION AREA











APPLICATION AREA







APPLICATION AREA









APPLICATION AREA









APPLICATION AREA









APPLICATION AREA









APPLICATION AREA









- 3. Other Winch Series please see detailed information in each page.
- 4. Please find contact information at our website for further assistance.

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THE PERFECT COMPANION FOR YOUR JOB AND ADVENTURE

Professional drivers and operators require their equipment to be of the upmost quality have reliability, and operate safely in the most demanding of conditions. By selecting Pro Winch series for their operation, they are ensuring the best possible equipment available, with robust operation, durability and safety paramount. Pro series offers all the above benefits with the new winch and is a perfect companion for both operators and drivers working in the most demanding of situations.



PRO SERIES WINCH 18500-14500lbs

Fitted with a heavy duty contactor, longer duty cycle operation in excess of military requirements, The new Pro Series winch, tough world class design, with unrivalled durability and strength, to lead the way in winching applications.





The new PRO series extended winching time, a standard winch will operate for approximately 30 seconds on full power and torque, the new PRO series will winch for a full 4 minutes without decreasing in durability and reliability.



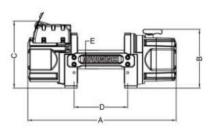
24V stable performance. Ideal for commercial vehicles.



190 amps. Super low working current less than 200 amps, safe for solenoid, avoid short circuit happens during operation.







A=27.76"(705mm) B=10.98"(279mm) C=12.5"(318mm) D=10"(254mm)

E=Ф3.46"(88mm)

PR018500

SPECIFICATIONS:

Rated line pull:

18500lbs(8391kgs)single line

Motor(Series wound):

DC 24V: 5.9hp/4.5kW

Gear train:

4 stage planetary gear

Gear ratio: 505:1

Clutch:

Pull and turn

Braking action:

Automatic in the ratchet wheel

Fairlead:

4-way roller fairlead

Wire rope: 1/2"×82'(13mm×25m)

Drum size:

3.46"×8.66"(88mm×220mm)

Dimensions: 27.76"×10.5"×12.5"(705mm×266mm×318mm)

Bolt pattern:

10"×4.5"(254mm×114.3mm)

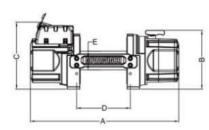
10"×6.5"(254mm×165.1mm)

Net Weight:181bs(82kgs)

24V DC Line speed and motor current (first layer)

Line pull		Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	19.6	6.0	50
18500	8391	3.9	1.2	190





A=27.76"(705mm) B=10.98"(279mm) C=12.5"(318mm) D=10"(254mm) Е=Ф3.46"(88mm)

PR016500

SPECIFICATIONS:

Rated line pull:

16500lbs(7484kgs)single line

Motor(Series wound):

DC 24V: 5.7hp/4.3kW

Gear train:

4 stage planetary gear

Gear ratio: 505:1

Clutch:

Pull and turn

Braking action:

Automatic in the ratchet wheel

Fairlead:

4-way roller fairlead Wire rope:

15/32"×92'(12mm×28m) Drum size:

3.46"×8.66"(88mm×220mm)

Dimensions:

27.76"×10.5"×12.5"(705mm×266mm×318mm)

Bolt pattern:

10"×4.5"(254mm×114.3mm)

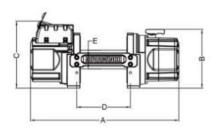
10"×6.5"(254mm×165.1mm)

Net Weight:176lbs(80kgs)

24V DC Line speed and motor current (first layer)

Line	pull	Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	20.3	6.2	50
16500	7484	3.6	11	180





A=27.76"(705mm) B=10.98"(279mm) C=12.5"(318mm) D=10"(254mm) E=Ф3.46"(88mm)

PR014500

SPECIFICATIONS:

Rated line pull:

14500lbs(6577kgs)single line

Motor(Series wound):

DC 24V: 5.0hp/3.8kW

Gear train:

4 stage planetary gear

Gear ratio: 505:1

Clutch:

Pull and turn

Braking action: Automatic in the ratchet wheel

Fairlead:

4-way roller fairlead Wire rope:

29/64"×92'(11.5mm×28m)

Drum size:

3.46"×8.66"(88mm×220mm)

Dimensions:

27.76"×10.5"×12.5"(705mm×266mm×318mm)

Bolt pattern: 10"×4.5"(254mm×114.3mm)

10"×6.5"(254mm×165.1mm)

Net Weight: 170lbs(77kgs)

24V DC Line speed and motor current (first layer)

Line pull		Line speed		Motor current	
lbs	kgs	FPM	MPM	Amps	
0	0	20	6.1	40	
14500	6577	3.9	1.2	160	



Innovative "Double-lock" 100% load-holding brake design. Provides zero dragon cable in. Located inside the gearbox away from drum to eliminate heat transfer to the synthetic rope.



Weather resistant hand held wired remote, with single finger operation excellent anti corrosion and durability design.



Universal radio remote control available, supplied as an optional



Synthetic rope available as an option, for required applications.

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PRO SERIES WINCH 12500-9500lbs

Want to go wild in you off road journey! But you have concerns if the going gets tough your winch will not perform and get you get you back on the road? Equip your vehicle with the NOVAWINCH PRO SERIES, the world's safest winch, built with the double lock brake system, lowest current amp draw, and fastest line speed to get you moving when the going gets tough!









Double-lock brake system



Wireless remote optional



Convertible control box

Features

1.Sealed 6.0 HP motors deliver a guick but safe 52 FPM line speed at a low 50 Amp draw.

2.Anti-high temperature silver pad, 500A Sealed contactor. Only 360A full load current which is the lowest in the industry field. Contactor will never get stuck.

3.Extremely IP67 sealed provided in gearbox and both drum sides, isolate element out.

4.Innovative "Double-lock" 100% load-holding brake design provides zero drag on cable in. Located inside the gearbox away from the drum to eliminate heat transfer to the synthetic rope.

5. Convertible control box, meets diverse mounting demands.

6.Laser engraved aluminum tie bars, total three (3) tie bar

construction adds strength between drum supports.

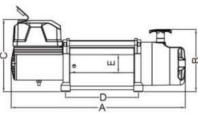
7.Chrome plated aluminum ergonomic free spool knob lifts and turns effortlessly. Easily rotates in 45° gearbox design allows winch can be mounted into vehicle bumper.

8. Winch body hardware and roller fairlead upgrade to stainless steel, avoid rusting and look great at long serve.

9. Professional outdoor satin-black powder coat, never peeling off. 10. Weather resistant, industrial grade rubber toggle hand-held switch with 12.8ft (3.9m) lead. Excellent anti-corrosion and unbreakable.

11.Optional wireless remote, control your winch from up to 60'(20m) away.





A=23.86"(606mm) B=8.54"(217mm) C=9.84"(250mm) D=10"(254mm) E=Ф2.48"(63mm)

PR012500

SPECIFICATIONS:

Rated line pull:

12500lbs(5670kgs)single line

Motor(Series wound):

DC 12V: 6.4hp/4.7kW

Gear train:

4 stage planetary

Gear ratio:

171:1

Clutch:

Pull and turn

Braking action:

Automatic in the ratchet wheel

Fairlead:

4-way roller fairlead /Aluminum hawse

Wire rope:

3/8"×85.3'(9.2mm×26m)

Drum size:

2.48"×8.74"(63mm×222mm)

Dimensions:

23.86"×6.77"×9.84"(606mm×172mm×250mm)

Bolt pattern:

10"×4.5"(254mm×114.3mm)

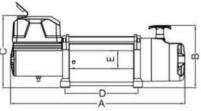
Net Weight:

95.8lbs(43.5kgs)

12V DC Line speed and motor current (first layer)

Line pull		Line speed		Motor current
lbs	kgs	FPM	MPM	Amps
0	0	49.2	15	50
12500	5670	3.3	1	390





A=23.86"(606mm)	B=8.54"(217mm
C=9.84"(250mm)	D=10"(254mm)
E=Φ2.48"(63mm)	

PR09500

SPECIFICATIONS:

Rated line pull:

9500lbs(4309kgs)single line

Motor(Series wound):

DC 12V: 6.0hp/4.4kW

Gear train:

4 stage planetary

Gear ratio:

171:1

Clutch:

Pull and turn

Braking action:

Automatic in the ratchet wheel

Fairlead:

4-way roller fairlead /Aluminum hawse

Wire rope:

3/8"×85.3'(9.2mm×26m) Drum size:

2.48"×8.74"(63mm×222mm)

Dimensions:

23.86"×6.77"×9.84"(606mm×172mm×250mm)

Bolt pattern:

10"×4.5"(254mm×114.3mm) **Net Weight:**

93.6lbs(42.5kgs)

Line pull		Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	52.5	16	50
9500	4309	4.3	1.3	360

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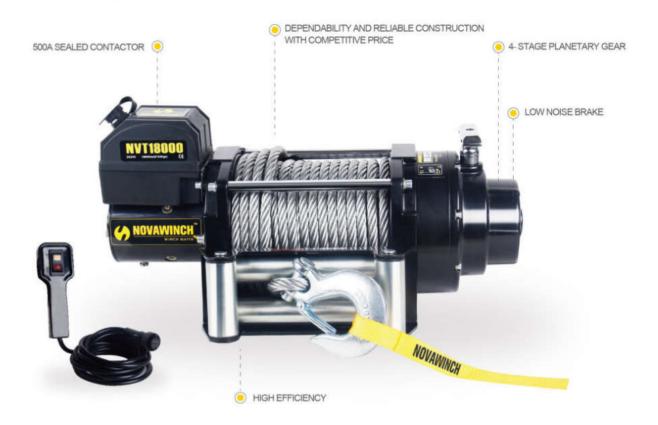
STABILITY COMES STANDARD IN EVERY OPERATION

Being the trusted winch for over 12 years, sold throughout the world, the Novawinch T Series has legendry performance and durability. Whether your challenging hills, muddy terrain, sand and the desert, or the most demanding recovery jobs, the T series winch comes through time after time!



T SERIES WINCH 18000-12500lbs

The powerful T series winches were initially suited to the heavy duty SUV and light truck applications, but over the years were uprated to suit more heavy duty applications up to 18,000lbs. This uprating over the last 12 years gave this series of winches the sheer grunt to operate in any SUV, off road and recovery applications.

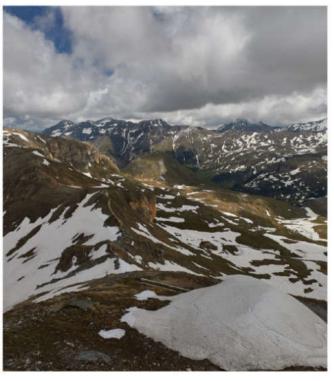






Features

- 1.Sealed winch body and drum seals to deter any water or dirt ingress, Heavy duty silver contacts within the contactor unit to give a long life operation with positive contacts for cooler running.
- 2.All components meet European safety regulations, tested to a 50% overload test, and not as some winches are rated at what
- 3.Chrome plated free spool control, to allow easier free spooling and corrosion resistance
- 4.Two control box design, to allow easer fitment and mounting
- 5. Winch design meets SAE J706, and is CE marked and approved.

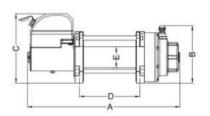


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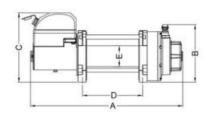






A=25.3"(642mm) B=9.92"(252mm) C=11.34"(288mm) D=10"(254mm) Е=Ф3.46"(88mm)

A=25.3"(642mm)	B=9.92"(252mm)
C=11.34"(288mm)	D=10"(254mm)
F=Φ3 46"(88mm)	



A=25.3"(642mm) B=9.92"(252mm) C=11.34"(288mm) D=10"(254mm) Е=Ф3.46"(88mm)



SPECIFICATIONS:

Rated line pull:

18000lbs(8165kgs)single line

Motor(Series wound):

DC 12V: 6.6hp/5.0kW DC 24V: 8.2hp/6.2kW

Gear train:

4 stage planetary gear

Gear ratio:

516:1 Clutch:

Pull and turn

Braking action:

Mechanical, Automatic load holding

Fairlead:

4-way roller fairlead

Wire rope:

1/2"x82'(13mmx25m)

Drum size:

3.46"×8.66"(88mm×220mm)

Dimensions: 25.3"×8.46"×11.34"(642mm×215mm×288mm) **Bolt pattern:**

10"×4.5"(254mm×114.3mm)

10"×6.5"(254mm×165.1mm) **Net Weight:**

158lbs(72kgs)

12V DC	Line speed	and	moto
current	(first layer)		

curre	current (first layer)					ent (firs	t layer)		
Line	pull	Line	speed	Motor current	Line	pull	Line	speed	Moto
lbs	kgs	FPM	MPM	Amps	lbs	kgs	FPM	MPM	-
0	0	13.1	4.0	95	0	0	12.4	3.8	
18000	8165	2.6	0.8	420	15000	6804	3.3	1.0	- 9

24V DC	Line speed	and motor
current	(first layer)	

12V DC Line speed and motor

	/	,,		
Line pull		Line pull Line speed		Motor current
lbs	kgs	FPM	MPM	Amps
0	0	13.7	4.2	80
18000	8165	3.3	1.0	260

NVT15000

SPECIFICATIONS:

Rated line pull:

15000lbs(6804kgs)single line

Motor(Series wound):

DC 12V: 6.0hp/4.5kW DC 24V: 7.3hp/5.5kW

Gear train:

4 stage planetary gear

Gear ratio:

516:1

Clutch:

Pull and turn

Braking action:

Mechanical, Automatic load holding

Fairlead:

4-way roller fairlead

Wire rope:

29/64"×92'(11.5mm×28m)

3.46"×8.66"(88mm×220mm)

Dimensions:

25.3"×8.46"×11.34"(642mm×215mm×288mm)

Bolt pattern:

10"×4.5"(254mm×114.3mm) 10"×6.5"(254mm×165.1mm)

Net Weight:

154lbs(70kgs)

current (mst layer)				
Line pull		Line speed		Motor curre
lbs	kgs	FPM	MPM	Amps
0	0	12.4	3.8	95
15000	6804	3.3	1.0	380
	Line Ibs 0	Line pull	Line pull Line : Ibs kgs FPM 0 0 12.4	lbs kgs FPM MPM 0 0 12.4 3.8

24V DC Line speed and motor

current
nps
0
30

NVT12500

SPECIFICATIONS:

Rated line pull:

12500lbs(5670kgs)single line

Motor(Series wound):

DC 12V:5.0hp/3.8kW DC 24V:7.0hp/5.3kW

Gear train:

4 stage planetary gear

Gear ratio: 516:1

Clutch:

Pull and turn

Braking action:

Mechanical, Automatic load holding

Fairlead:

4-way roller fairlead

Wire rope:

13/32"×95'(10.3mm×29m)

3.46"×8.66"(88mm×220mm)

Dimensions:

25.3"×8.46"×11.34"(642mm×215mm×288mm)

Bolt pattern:

10"×4.5"(254mm×114.3mm)

10"×6.5"(254mm×165.1mm)

Net Weight:

150lbs(68kgs)

12V DC Line speed and motor current (first laver)

Line pull		Line speed		Motor curren
lbs	kgs	FPM	MPM	Amps
0	0	11.5	3.5	90
12500	5670	3.9	1.2	320

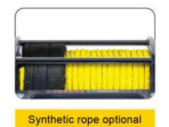
24V DC Line speed and motor current (first laver)

Line pull		Line speed		Motor current	
lbs	kgs	FPM	MPM	Amps	
0	0	11.8	3.6	70	
12500	5670	4.3	1.3	220	

T SERIES WINCH 12000-8000lbs

Taking the challenge to the competition since 1997. Known for their dependability and quality components. This compact, efficient winch series features six models from 8000lbs to 12000lbs, designed from the ground up to meet the demanding requirements of off roaders.







Wireless remote optional



Bridge control box as optional

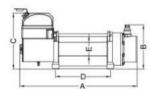
Features

- 1. High operating temperature silver contact heavy duty contactor, rated in excess of the full load 500 amp operating range, and water ingress sealed.
- 2.All components meet European safety regulations and tested to 50% overload test.
- 3. Chrome plated free spool control, to allow easier free spooling and corrosion resistance
- 4.Two control box design, to allow easer fitment and mounting
- 5. Winch design meets SAE J706, and is CE marked and approved.



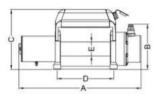
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A=22.36"(568mm)	B=7.99"(203mm
C=10.3"(260mm)	D=10"(254mm)

E=Ф2.48"(63mm)



A=22.36"(568mm) B=7.99"(203mm) C=10.63"(270mm) D=10"(254mm)

E=Φ2.48"(63mm)

NVT12000/NVT12000S

SPECIFICATIONS:

Rated line pull:12000lbs(5443kgs)single line

Motor(Series wound):

DC 12V: 7.3hp/5.5kW DC 24V: 8.2hp/6.2kW

Gear train:3 stage planetary

Gear ratio:196:1

Clutch:Pull and turn

Braking action: Mechanical, Automatic load holding

Fairlead:4-way roller fairlead

Wire rope:3/8"×85.3'(9.2mm×26m)

Drum size:2.48"×8.8"(63mm×224mm)

Dimensions:

22.36"×6.2"×10.3"(568mm×158mm×260mm)

22.36"×6.2"×10.63"(568mm×158mm×270mm)

Bolt pattern:10"×4.5"(254mm×114.3mm)

Net Weight:92lbs(41.8kgs) 95.2lbs(43.2kgs)

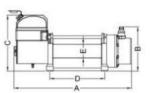
12V DC Line speed and motor current (first layer)

Line	pull	Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	20.0	6.1	80
12000	5443	3.6	1.1	460

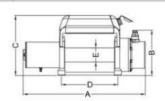
24V DC Line speed and motorcurrent (first layer)

Line	pull	Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	15.1	4.6	70
12000	5443	3.6	1.1	260





A=22.36"(568mm)	B=7.99"(203mm)	
C=10.3"(260mm)	D=10"(254mm)	
F=th2 48"/63mm)		



A=22.36"(568mm)	B=7.99"(203mm)	
C=10.63"(270mm)	D=10"(254mm)	
E +0 108/00 1		

NVT10000/NVT10000S

SPECIFICATIONS:

Rated line pull:10000lbs(4536kgs)single line

Motor(Series wound):

DC 12V: 6.3hp/4.5kW DC 24V: 6.9hp/5.2kW

Gear train:3 stage planetary

Gear ratio:196:1

Clutch:Pull and turn

Braking action:Mechanical,Automatic load holding

Fairlead:4-way roller fairlead

Wire rope:3/8"×85.3'(9.2mm×26m)

Drum size:2.48"×8.8"(63mm×224mm)

Dimensions:

22.36"×6.2"×10.3"(568mm×158mm×260mm)

22.36"×6.2"×10.63"(568mm×158mm×270mm)

Bolt pattern:10"×4.5"(254mm×114.3mm)

Net Weight:92lbs(41.8kgs) 95.2lbs(43.2kgs)

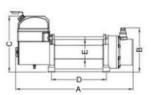
12V DC Line speed and motor current (first layer)

Line pull		Line speed		Motor current
lbs	kgs	FPM	MPM	Amps
0	0	20.0	6.1	80
10000	4536	5.2	1.6	380

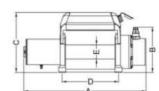
24V DC Line speed and motor current (first layer)

Line pull		Line speed		Motor current
lbs	kgs	FPM	MPM	Amps
0	0	17.7	5.4	70
10000	4536	5.6	1.7	220





A=22.36"(568mm)	B=7.99"(203mm)
C=10.3"(260mm)	D=10"(254mm)
E=Φ2.48"(63mm)	



A=22.36"(568mm)	B=7.99"(203mm)	
C=10.63"(270mm)	D=10"(254mm)	
AD INCOMPOSITION OF THE PROPERTY OF THE PROPER		

NVT8000/NVT8000S

SPECIFICATIONS:

Rated line pull:8000lbs(3629kgs)single line

Motor(Series wound):

DC 12V: 5.6hp/4.2kW DC 24V: 5.8hp/4.3kW

Gear train:3 stage planetary

Gear ratio:196:1

Clutch:Pull and turn

Braking action: Mechanical, Automatic load holding

Fairlead:4-way roller fairlead

Wire rope:5/16*×95'(8.1mm×29m)

Drum size:2.48"×8.8"(63mm×224mm)

Dimensions:

22.36"×6.2"×10.3"(568mm×158mm×260mm)

22.36"×6.2"×10.63"(568mm×158mm×270mm)

Bolt pattern:10"×4.5"(254mm×114.3mm) **Net Weight:**91.6lbs(41.6kgs) 94.7lbs(43kgs)

12V DC Line speed and motor current (first layer)

Line	pull	Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	19.4	5.9	80
8000	3629	5.6	1.7	360

24V DC Line speed and motor current (first layer)

Line	pull	Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	17.7	5.4	60
8000	3629	6.6	2.0	175

NOVAWINCH T-SERIES WINCH COMPARE WITH COMPETITORS



Stronger Motor Armature NOVAWIINCH T-series winch (Left)
Competitor's Motor Armature (Right)



Extrusion spline tooth T-series drum(Left)
Competitor's welding spline tooth Drum(Right)



NOVAWIINCH T-series industry standard AWG2 cable(Left black) Competitor's cable(Right red)



NOVAWIINCH T-series gear set(Left)
Competitor's gear set(Right)

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NOTHING CAN GET IN YOUR WAY

The T-series lineup has all the features you want to couple with the durability and reliability you need. With pulling capacities from 2500lb to 4500lb and featuring an all metal chassis, long life, low maintenance rate design, and low noise operation the T-series offers industrial winch performance in a compact package to conquer even the toughest situations.



T SERIES WINCH 4500-2500lbs

Designed for the ATV/UTV sports enthusiast, equipped efficient motor, solid contactor, strong drum good for synthetic rope. Integrate control box version meets various application.



STANDARD 4500

Designed for the ATV/UTV sports 4500lb control includes hand remote assembly and rocker switch



STANDARD 3500

Designed for the ATV/UTV sports 3500lb control includes rocker switch



STANDARD 2500

Designed for the ATV/UTV sports 2500lb control includes rocker switch



STANDARD ACCESSORIES



Mounting Plate



4-way Roller Fairlead



Contactor



Cable Assy Kit



Hook

OPTIONAL



The lightest weight style



The most convenient style



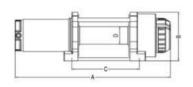
The simplest and most affordable style

WWW.NOVAWINCH.NET 15.

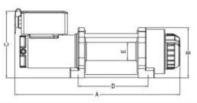








A=15.19"(386mm) B=4.76"(121mm) C=6.6"(168mm) D=Φ1.73"(44mm)



A=15.67"(398mm) B=4.76"(121mm) C=6.3"(160mm) D=6.6"(168mm) E=Φ1.73"(44mm)



SPECIFICATIONS:

Rated line pull:

4500lbs(2043kgs)single line

Motor(Series wound):

DC 12V:3.0hp/2.2kW

Gear train:

3 stage planetary gear

Gear ratio: 180:1

Clutch: Sliding ring gear **Braking action:**

Mechanical, Automatic load holding

Fairlead: 4-way roller fairlead

Wire rope: 7/32"×55.8'(Φ5.4mm×17m)

Drum size: 1.73"×4.88"(44mm×124mm) Dimensions:

15.19"×4.44"×4.76"(386mm×113mm×121mm)/

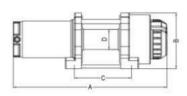
15.67"x4.44"x6.3"(398mmx113mmx160mm)

Bolt pattern: 6.6"×3"(168mm×76.2mm)

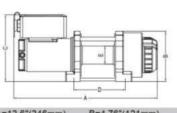
Net Weight: 30.6lbs(13.9kgs)

12V DC Line speed and motor

cu	rrent (f	first la	yer)	
Line	pull	Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	13.1	4.0	30
4500	2043	4.6	1.4	185



A=13.1"(334mm) B=4.76"(121mm) C=4.9"(124mm) D=Φ1.73"(44mm)



A=13.6"(346mm) B=4.76"(121mm) C=6.3"(160mm) D=4.9"(124mm) E=Φ1.73"(44mm)

NVT3500/NVT3500i

SPECIFICATIONS:

Rated line pull:

3500lbs(1589kgs)single line

Motor(Series wound):

DC 12V: 2.8hp/2.1kW

Gear train:

3 stage planetary gear

Gear ratio: 180:1

Clutch: Sliding ring gear

Braking action:

Mechanical, Automatic load holding

Fairlead: 4-way roller fairlead

Wire rope: 13/64"×45'(Φ5mm×13.7m)

Drum size: 1.73"×3.15"(44mm×80mm)

Dimensions:

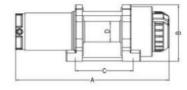
13.1"×4.44"×4.76"(334mm×113mm×121mm)/ 13.6"x4.44"x6.3"(346mmx113mmx160mm)

Bolt pattern: 4.9"×3"(124mm×76.2mm)

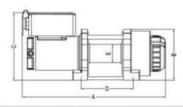
Net Weight: 26.4lbs(12kgs)

12V DC Line speed and motor

Cui	ment (III Se le	yer,	
Line pull		Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	13.7	4.2	26
3500	1589	5.6	1.7	180



A=12.95"(329mm) B=4.76"(121mm) C=4.9"(124mm) D=Φ1.73"(44mm)



A=13.4"(341mm) B=4.76"(121mm) C=6.3"(160mm) D=4.9"(124mm) Е=Ф1.73"(44mm)

NVT2500/NVT2500i

SPECIFICATIONS:

Rated line pull:

2500lbs(1135kgs)single line

Motor(Series wound):

DC 12V: 2.4hp/1.8kW

Gear train:

3 stage planetary gear

Gear ratio: 180:1

Clutch: Sliding ring gear **Braking action:**

Mechanical, Automatic load holding

Fairlead: 4-way roller fairlead

Wire rope: 3/16"×45.9'(Φ4.8mm×14m) Drum size: 1.73"×3.15"(44mm×80mm)

Dimensions:

12.95"×4.44"×4.76"(329mm×113mm×121mm)/ 13.4"x4.44"x6.3"(341mmx113mmx160mm)

Bolt pattern:4.9"×3"(124mm×76.2mm)

Net Weight:26lbs(11.8kgs)

12V DC Line speed and motor current (first layer)

pull	Line speed		Motor current
kgs	FPM	MPM	Amps
0	13.1	4.0	26
1135	5.9	1.8	150
	kgs 0	kgs FPM 0 13.1	kgs FPM MPM 0 13.1 4.0



their high performance ATV.

NITH UNDSSA

New extremely sealed winch series, simple structure and good looking appearance, save money for customers, tested by CF motor corporation on



TD SERIES WINCH

Suitable for ATV/UTV application, Trailer application, Utility application. 2500-3000lb pulling capacity

NVTD3000

SPECIFICATIONS:

Rated line pull:

3000lbs(1361kgs)single line

Motor(Series wound):

DC 12V: 3.2hp/2.4kW

Gear train: Differential gear

Gear ratio: 171:1

Clutch: Sliding ring gear

Braking action: Dynamic and Mechanical

Fairlead: 4-way roller fairlead

Wire rope: 3/16"×45.9'(4.8mm×14m) Drum size: 1.49"×2.83"(38mm×72mm)

Dimensions:

12.3"×4.0"×4.4"(312mm×103mm×112mm)

Bolt pattern: 4.9"×3"(124mm×76.2mm) Net Weight: 24.4lbs(11.1kgs)

12V DC Line speed and motor current (first layer)

Line	pull	Line:	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	14.1	4.3	26
3000	1361	3.6	1.1	205

NVTD2500

SPECIFICATIONS:

Rated line pull:

2500lbs(1135kgs)single line

Motor(Series wound):

DC 12V: 2.5hp/1.9kW

Gear train: Differential gear

Gear ratio: 171:1 Clutch: Sliding ring gear

Braking action: Dynamic and Mechanical

Fairlead: 4-way roller fairlead

Wire rope: 3/16"×45.91'(4.8mm×14m) Drum size: 1.49"×2.83"(38mm×72mm)

Dimensions:

12.3"×4.0"×4.4"(312mm×103mm×112mm) Bolt pattern: 4.9"×3"(124mm×76.2mm)

Net Weight: 19.5lbs(8.8kgs)

12V DC Line speed and motor current (first layer)

Line	pull	Line	speed	Motor current
lbs	kgs	FPM	MPM	Amps
0	0	14.1	4.3	20
2500	1135	3.9	1.2	160

ADVANTAGE

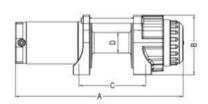
1. Super value but good performance.

2.IP67 waterproof.

3. Weather resistance 250amp contactor for high performance and extended lifetime operation.

4. Patented unique pin type clutch structure, reliable in full load operation.

5. Synthetic rope and aluminum hawse as optional.



A=12.3"(312mm) B=4.4"(112mm) C=4.9"(124mm) D=Φ1.49"(38mm)

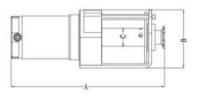
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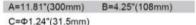


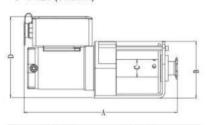


K SERIES WINCH

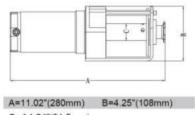
Suitable for ATV/UTV application, Trailer application, Utility application.



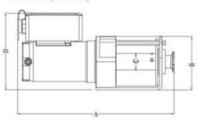




A=12.12"(308mm) B=4.25"(108mm) С=Ф1.24"(31.5mm) D=6.1"(155mm)



C=Ф1.24"(31.5mm)



A=11.37"(289mm) B=4.25"(108mm) С=Ф1.24"(31.5mm) D=6.1"(155mm)

NVK3000/NVK3000i

SPECIFICATIONS:

Rated line pull:

3000lbs(1361kgs)single line

Motor(Series wound): DC 12V: 2.4hp/1.8kW

Gear train: 1 stage planetary gear Gear ratio: 153:1

Clutch: Pull and Turn

Braking action: Dynamic and Mechanical

Fairlead: 4-way roller fairlead

Wire rope: 3/16"×45.9'(4.8mm×14m)

Drum size: 1.24"×2.88"(31.5mm×73mm)

Dimensions:

11.81"x4.33"x4.25"(300mmx110mmx108mm)/ 12.12"x4.33"x6.1"(308mmx110mmx155mm)

Bolt pattern: 3.13"(79.5mm) Net Weight: 18.7lbs(8.5kgs)

12V DC Line speed and motor current (first laver)

Line	Line pull Line speed		Motor current	
lbs	kgs	FPM	MPM	Amps
0	0	11.2	3.4	18
3000	1361	3.9	1.2	150

NVK2000/NVK2000i

SPECIFICATIONS:

Rated line pull:

2000lbs(908kgs)single line

Motor(Series wound): DC 12V: 1.8hp/1.4kW

Gear train: 1 stage planetary gear

Gear ratio: 153:1

Clutch: Pull and Turn

Braking action: Dynamic and Mechanical

Fairlead: 4-way roller fairlead

Wire rope: 5/32"×49'(4mm×15m) Drum size: 1.24"×2.88"(31.5mm×73mm)

Dimensions:

11.02"x4.33"x4.25"(280mmx110mmx108mm)/ 11.37"x4.33"x6.1"(289mmx110mmx155mm)

Bolt pattern: 3.13*(79.5mm) Net Weight: 16lbs(7.3kgs)

12V DC Line speed and motor current (first layer)

Line	pull	Line speed		Motor current
lbs	kgs	FPM	MPM	Amps
0	0	8.2	2.5	14
2000	908	3.3	1	120







* Equip with overload protector, with LED indicator, cut off power when overloading automatically.

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PT1100 PULLING & LIFTING TOOL

If you are not in an area with mains power, take the 24v PT1100DC unit. To move winch and lift all manner of equipment in safety. This unit can be used on trailers to load the lighter items plugging into the vehicles battery, being fully portable fitted with quick connect connectors.





SPECIFICATIONS:

Model:PT1100DC/PT1100AC-1/PT1100AC-2

Voltage:

PT1100DC:24V

PT1100AC-1:110-120V 50/60Hz

PT1100AC-2:220-240V 50/60Hz

Maximum Capacity:1100lbs (500kg)

Line Speed:≥6.56ft/min (2m/min)

Motor Power: 1.0hp / 0.75kW

Clutch:None

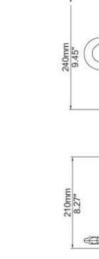
Wire Rope: Ф3/16" X 16' (Ф4.8mm X 4.88m)

Weight(Without battery):PT1100AC 24lbs(11kg) / PT1100DC 281bs(13kg)

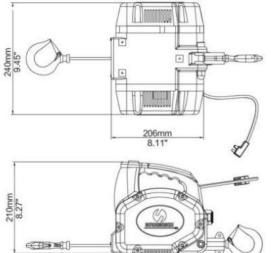
Load Indicator: Electronics, with LED

Service Duty:S2-M2

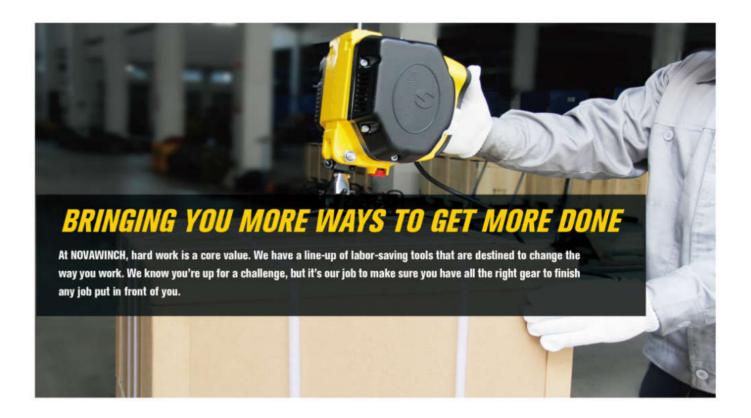
Dimensions:PT1100AC 9.45" X 8.11" X 8.27" (240mm X 206mm X 210mm) PT1100DC 9.45" X 8.11" X 9.45" (240mm X 206mm X 240mm)











QD SERIES WINCH

A fully portable winch with rechargeable lithium battery, for extended use and being fully portable in operation. For use on ATV vehicles where batter capacity is limited, to hauling boats on trailers from the water, a fully diverse tool for outdoor applica-

NVQD

SPECIFICATIONS:

Rated line pull:

3000lbs(1361kgs)single line

Motor(Series wound):

DC 12V: 0.75hp/0.57kW

Gear train: 4 stage planetary gear

Gear ratio: 586:1

Clutch: Sliding gear

Braking action: Automatic in the gear

Wire rope: 7/32"×50'(Φ5.4mm×15.2m) Drum size: 1.12"×2.44"(28.5mm×62mm)

Dimensions:

10.8"×8.75"×7.87"(275mm×222.3mm×200.1mm)

Bolt pattern: 3.3"(84.1mm)

Net Weight: 31.3lbs(14.2kgs)

12V DC Line speed and motor current (first laver)

pull	Line	speed	Motor current
kgs	FPM	MPM	Amps
0	3.28	1.0	20
1361	2.50	0.8	50
	kgs 0	kgs FPM 0 3.28	kgs FPM MPM 0 3.28 1.0

Features:

- 1.Self-locking brake.
- 2 Electronic control in and out.
- 3. Hand crank operation for manual spooling.
- 4.Increase the capacity to 6,000lbs with the fitment of a snatch block in the operational line pull (optional).
- 5. Heavy moulded winch cover for protection and durability in operation.
- 6.Equipped with high current overload protector unit.
- 7. Unit can be fitted to work with radio remote control, (optional).



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CPEW055-24-16/NH CONSTANT POWER ELECTRIC WINCH

It is well known that you need to equipped a whole hydraulic system to drive a hydraulic winch, which is large volume, heavy weight and of course high cost. Now there is a easy way to reach the similar function, to use Nowvow Constant power electric winch. Rated line pulling force in every layer, 10 minutes working time, it brings the electric winching to a higher level. A world leading superstar in electric winch application.







LED Display Screen



Features

- 1, 12000lbs rated line pulling force in every layer of winch. Higher line speed reach around 3m/min.
- 2. 10 minutes working time under rated line pull, higher than the military requirement = 4 minutes.
- 3. Auto wire rope guider equipped.
- 4. LED display screen for data monitoring(optional)



SPECIFICATIONS:	IFICATIONS:
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Rated line pull:12000lbs (55kN)

Voltage:24VDC

Gear train:4 gear driven

Gear ratio:505:1

Motor:Permanent-magnetic synchronous motor, Output 5.4hp/4kw

Clutch:Pull and turn

Brake:Ratchet and pawl

Wire rope: 1/2"×85.3'(13mm×26m)

Drum size:3.46"×8.66"(88mm×220mm)

Overall dimension:30.71"×14.06"×6.65"(780mm×357mm×262mm)

Bolt pattern:10"×4.5"(254mm×114.3mm) 10"×6.5"(254mm×165.1mm)

Weight:264.55lbs(120kgs)

Line speed & current draw-first layer

Line pull	Line speed	Motor current
lbs kgs	FPM MPM	Amps
0 0	14.8 5.0	40
12000 5448	9.2 2.8	185

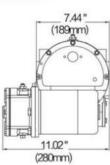
*Note: Winch will has different performance base on different operating environment. Nowvow reserve all the right for the final explanation.

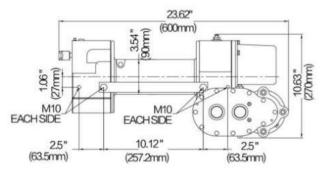


WORM GEAR WINCH

Worm Gear Winches offer the ultimate in precision and control, provides excellent load reversing protection, for the true professional and will handle the most demanding applications.







NVW12000

SPECIFICATIONS:

Rated line pull:

12000lbs(5448kg) single line

Motor:Series wound 12V DC:7.2hp/5.4kW 24V DC:10hp/7.6kW

Gear train:Worm and gear-driven

Gear ratio:470:1

Clutch:pull and turn

Braking action: Automatic lock

Fairlead:4-way roller fairlead

Wire rope:13/32" X 95'(Ф10.3mm×29m)

Drum size:3.54" X 8.35'(90mm×212mm)

Dimensions:

23.6" X 11.0" X 10.6"

(600mm×280mm×270mm)

Net Weight(with wire rope):

114.5lbs(52kg)



J17001 AC ELECTRIC WINCH

The original application of J17001 winch is pulling rescue boats onto ship. It has tough weather resistance. Nowadays, it fits various applications, such as factories, plumbing, warehousing, farming, fishing industries and so on.



J17001

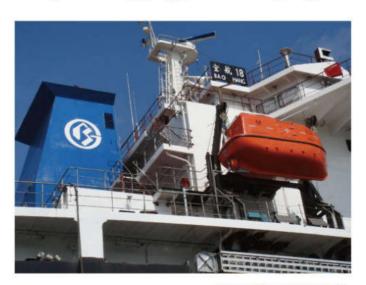
Rated line pull:22000lbs (98kN)	
Voltage: 380VAC	
Gear train: 4 gear driven	
Gear ratio: 353:1	
Motor: 380V AC 7.5hp/5.5kW	
Clutch: Rotation	
Brake: Motor brake	
Wire rope: 1/2"×131'(13mm×40m)	
Drum size: 8.66"×9.44"(200mm×240mm)	
Overall dimension:	
24.01"×31.1"×12.59"(610mm×790mm×320mm)	
Bolt pattern:	
11.81"×7.87"(300mm×200mm)	
14.33"×7.87"(364mm×200mm)	
Weight: 639.34lbs(290kgs)	

Features:

- 1.All metal hardening gear, long service life, long working hours.
- 2.Robust mechanical structure passed 50% overload test.
- 3. Compact size and simple structure, easy to mount or maintain.
- 4.100% hold mechanical brake, reliable in full load operation.
- 5. High performance-cost ratio.

ine speed & current draw-first layer					
oull	Line speed		Motor current		
kN	FPM	MPM	Amps		
98	8.2	2.5	14		
	oull kN	bull Line :	bull Line speed kN FPM MPM		

Line pull & cable capacity							
Layer	rated line pull per layer		cable capacity per layer				
lbs	lbs	kN	ft	m			
1	22000	98	40	12.3			
2	19621	87.2	83	25.4			
3	17636	78.4	131	40.0			



WWW.NOVAWINCH.NET 24. WWW NOVAWINCH NET 25.





WHENEVER YOU NEED ME, I STILL STAY WITH YOU.

Mini mover is designed to replace and upgrade the traditional jockey wheel for caravans, boat trailers or other similar trailers. This device enables users to move their caravans, trailers as easily as possible via simple handheld controller.



ACCESSORIES

Roller Fairlead





FL2500-3500(124mm)





FL2000-3000(109mm)

FL8000-10000(222mm)

FL8000-18000(254mm)

FL4500 (152mm)

FL8000(150mm)

Hawse Fairlead











HF 254

Wireless control system

·WR006 Universal wireless remote switch, let you operate your winch remotely over 65' (20m).

Quick connect system

· Quick Connector For Off-road

(2 pcs as 1 set, with dust cover,

Universal Quick Connect

Winch Power Wires

terminals)

Wiring Kit



Winch remote control













RS024



RS010

WWW.NOVAWINCH.NET 26. WWW.NOVAWINCH.NET 27.

Contactor & Solenoid







450A Contactor



12v/24v Solenoid

Winch Wire Rope Dampener



Receiver Bracket & Shackle









PB8000



Winch Accessory Kit

- · Kit Includes
- · PB10000 snatch block.
- · 75mm x 3m tree trunk protector (1x)
- · 60mm x 9m trailer belt (1x)
- · 50mm x20m extend belt (1x)
- · 4.75T D-Shackle (2x)
- · Winching gloves
- · Winch Wire Rope Dampener



- Kit Includes
- PB2000 snatch block
- · 3.25T D-Shackle (2x)
- 25mm x 2.44m tree trunk protector (2x)
- Winching gloves
- ·Winch Wire Rope Dampener



Hook











3/8" Clevis Hook



1/2" Clevis Hook



Max 8 tons(17500lbs) Dual-direction Hook

Shackle



1.4T D-Shackle



2T Bow-Shackle



3.25T D-Shackle



3.25T Bow-Shackle



4.75T D-Shackle



4.75T Bow-Shackle

Winch Mounting System



IS2000-3500



IS4500



IS8000-12000



IS12500-18000

IS8000-12000A

Synthetic Rope

- Standard Diameter Φ4.8mm Minimum Breaking Strength is 4700lbs
- · Standard Diameter Ф6mm Minimum Breaking Strength is 7100lbs
- ·Standard Diameter Ф8mm Minimum Breaking Strength is 12000lbs
- -Standard Diameter Φ9mm Minimum Breaking Strength is 15000lbs
- -Standard Diameter Φ10mm Minimum Breaking Strength is 19000lbs
- ·Standard Diameter Φ11mm Minimum Breaking Strength is 22700lbs



Wire Rope

Standard Diameter Φ4mm Minimum Breaking Strength is 3374lbs

- · Standard Diameter Φ4.8mm Minimum Breaking Strength is 4585lbs
- · Standard Diameter Ф5mm Minimum Breaking Strength is 4776lbs
- Standard Diameter Φ5.4mm Minimum Breaking Strength is 5460lbs
- ·Standard Diameter Φ8.1mm Minimum Breaking Strength is 11980lbs
- ·Standard Diameter Φ9.2mm Minimum Breaking Strength is 15216lbs
- Standard Diameter Φ10.3mm Minimum Breaking Strength is 18385lbs ·Standard Diameter Ф11.5mm Minimum Breaking Strength is 22948lbs
- ·Standard Diameter Ф13.0mm Minimum Breaking Strength is 32844lbs



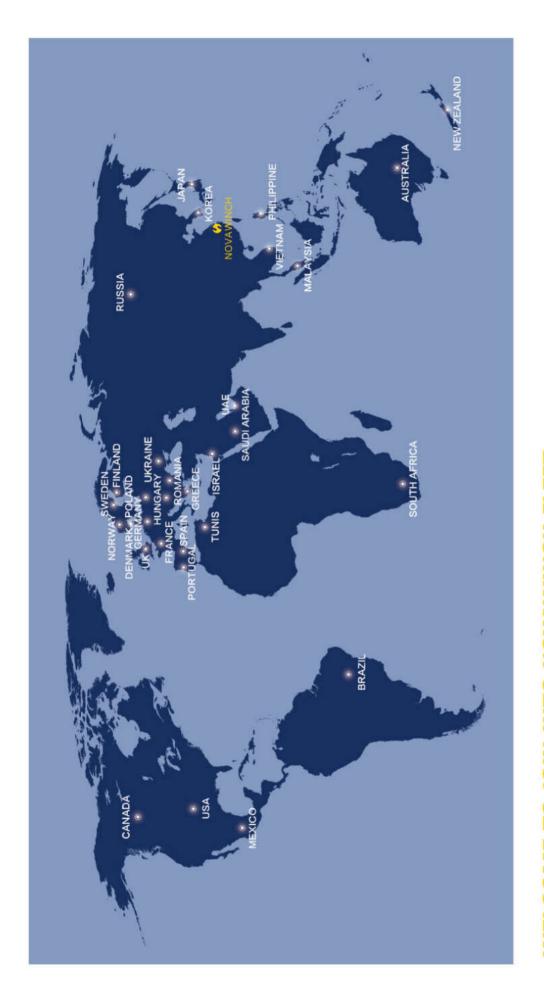
Tree Trunk Protector

- · Specification 25mm x 1.8m
- Rated pulling load 4500lbs(2000kgs)
- ·Specification 75mm x 1.5m / 75mm x 3m / 75mm x 6m
- ·Rated pulling load 19800lbs(9000kgs)
- ·100mm x 1.5m / 100mm x 3m / 100mm x 6m
- ·Rated pulling load 24200lbs(11000kgs)



WWW.NOVAWINCH.NET 28.

1/4" Clevis Hook



VELCOME TO JOIN INTO NOVAWINCH FLEE

inch, we also know the correct maintenance method for increase the service inches, we are winch mavin.

er year, NOVAWINCH brand and culture penetrate into worldwide area, worlowed or increase rapidly, we brings safety and stability into more than 30 countri

le invite you to become NOVAWINCH distributor/agent, and share the joy of francl usiness and wealth for a better future.



Nowvow mechanical & electrical Corp., Ltd (Novawinch brand owner) offers a limited lifetime warranty on the mechanical components to authorised distributor & dealer of the winch subject to the following:

Novawin Limited Lifetime Warranty:

The winch is used for permitted application use only.(expect design for it)

The limited lifetime warranty covers the purchaser of the winch against manufacturing defects in workmanship and materials on all mechanical components.

Mechanical components and associated parts have a lifetime warranty.

Electrical components consisting of solenoids, wiring, remotes, wire connectors and associated parts have a limited two (2) year warranty. Control Box and associated parts have a limited two (2) year warranty. Motor and associated parts have a limited two (2) year warranty

The warranty does not apply to the finish of the winch or components.

The owner will be responsible for removing the winch and returning it to an approved Novawinch authorised distributor or dealer within the warranty period.

All freight or delivery charges from the authorised distributor or dealer must be paid for by the owner of the winch unless specified by an authorised distributor or dealer.

Novawinch will not be liable for any fees, costs or charges associated from the removal or installation of the winch, whether or not the winch is under warranty.

Novawinch will repair or replace any or all of the faulty winch components, after an inspection by an authorised distributor or dealer has determined that some or all parts of the winch are defective hence are deemed to be replaced or fixed under warranty.

Novawinch Warranty Exclusions:

There are certain conditions that make the winch not eligible for warranty claims. The warranty is void if, but not limited to the following:

The winch is used inappropriate applications.

The Steel cable and Synthetic Winch rope are excluded from this warranty, unless specified otherwise by Novawinch, at the discretion of Novawinch.

The winch is damaged in any way from corrosion or water ingress.

The winch is returned in pieces.

The winch has been modified or disassembled resulting in failure.

Any winch component shows signs of normal wear and tear, damage from an accident, abuse, misuse, collision, overloading, modification, misapplication, improper installation or improper service or maintenance.

The winch was not purchased through the Novawinch Authorised Dealer Network.

*The warranty set forth above is the only warranty. Novawinch reserves the right to change the product design at any time without notice. Where this has happened, Novawinch shall have no obligation to upgrade or otherwise modify any previously manufactured products.