



Note : Roller fairlead does not mount to winch

SPECIFICATIONS :

Rated line pull : 5,440 kg (12,000 lb) single line, SAE J706 rating
5,100 kg single line, EN 14492-1 rating

Motor : 4,180 w / 5.6 hp, 12V series wound
2,690 w / 3.6 hp, 24V series wound

Gear train & ratio : 3-stage planetary 315:1

Clutch (freespooling) : Rotating ring gear

Brake (outside the drum) : Automatic, full load CBS (Cone Brake Structure)

Winch construction : Aluminum die cast housings with steel drum

Drum size : 114 x 195.5 mm (4.5" x 7.7")

Rotation of winch : Wire rope shall be under-wound orientation only

Control : Waterproof remote with thermometric indicator LED and 5 m (17') cord

Mounting bolt pattern : 254 x 114.3 mm (10" x 4.5") ; 254 x 165.1 mm (10" x 6.5")

Wire rope recommended :

- * 12 mm x 21.4 m, 1,960N/mm² grade with a minimum breaking strength of 100.5 KN required for EN 14492-1 rating
- * 1/2" x 100', EIPS grade with a minimum breaking strength of 22,552 lbf required for SAE J706 rating

Winch weight : 47 kg / 104 lb

Gross weight : Rhino 12 : 61 kg / 134 lb
Rhino 12 Pro : 62 kg / 137 lb

Box dimension, (L x D x H) : Rhino 12 : 693 x 313 x 473 mm (27.3" x 12.3" x 18.6")
Rhino 12 Pro : 693 x 313 x 508 mm (27.3" x 12.3" x 20")



Rhino 12 /12 Pro

12,000 LB Electric Recovery Winch

- Meets SAE J706, CE Machinery Directive 2006/42/EC, CE Electromagnetic Compatibility 2014/30/EU, and EN 14492-1:2006 Power Driven Winches.
- Rhino 12 **PN 851212** 12V | **PN 851224** 24V
Rhino 12 Pro **PN 851105** 12V | **PN 851324** 24V



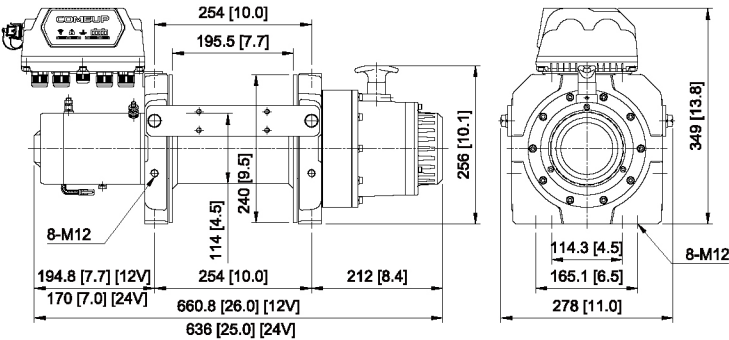
PERFORMANCE DATA :
Line Pull and Rope Capacity

Layer of Rope	Pull by Layer, kg / lb	Line Speed, mpm / fpm	Total Rope on the Drum, m / ft
1 st	5,440 / 12,000	1.3 / 4.3	5.9 / 19.4
2 nd	4,534 / 9,996	1.5 / 12.1	13 / 42.7
3 rd	3,885 / 8,565	1.8 / 14.3	21.4 / 70.2
4 th	3,399 / 7,494	2.0 / 16.4	30.5 / 100

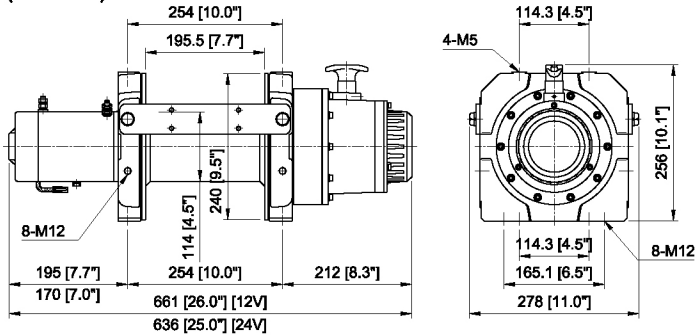
Line Speed and Amp. Draw (1st layer of rope on the drum)

Line Pull kg / lb	Line Speed, mpm / fpm	Amp. Draw, A	
		12V	24V
No Load	10 / 32.8	40	35
1,814 / 4,000	4.4 / 14.4	140	110
3,629 / 8,000	3.5 / 11.5	280	210
4,536 / 10,000	1.5 / 5.0	350	260
5,440 / 12,000	1.3 / 4.3	420	310

DIMENSION mm/in : (Rhino 12 Pro)



(Rhino 12)



Rhino 8/8 Pro

8,000 LB Electric Recovery Winch

- Meets SAE J706, CE Machinery Directive 2006/42/EC, CE Electromagnetic Compatibility 2014/30/EU, and EN 14492-1:2006 Power Driven Winches.
- Rhino 8 **PN 850812** 12V | **PN 850824** 24V
Rhino 8 Pro **PN 850318** 12V | **PN 850326** 24V



SPECIFICATIONS :

Rated line pull : 3,630 kg (8,000 lb) single line, SAE J706 rating
3,560 kg single line, EN 14492-1 rating

Motor : 3,430 w / 4.6 hp, 12V series wound
1,940 w / 2.6 hp, 24V series wound

Gear train & ratio : 3-stage planetary 211:1

Clutch (freespooling) : Rotating ring gear

Brake (outside the drum) : Automatic, full load CBS (Cone Brake Structure)

Winch construction : Aluminum die cast housings with steel drum

Drum size : 90 x 205 mm (3.5" x 8.1")

Rotation of winch : Wire rope shall be under-wound orientation only

Control : Waterproof remote with thermometric indicator LED and 5 m (17') cord

Mounting bolt pattern : 254 x 114 mm (10" x 4.5") ; 254 x 165.1 mm (10" x 6.5")

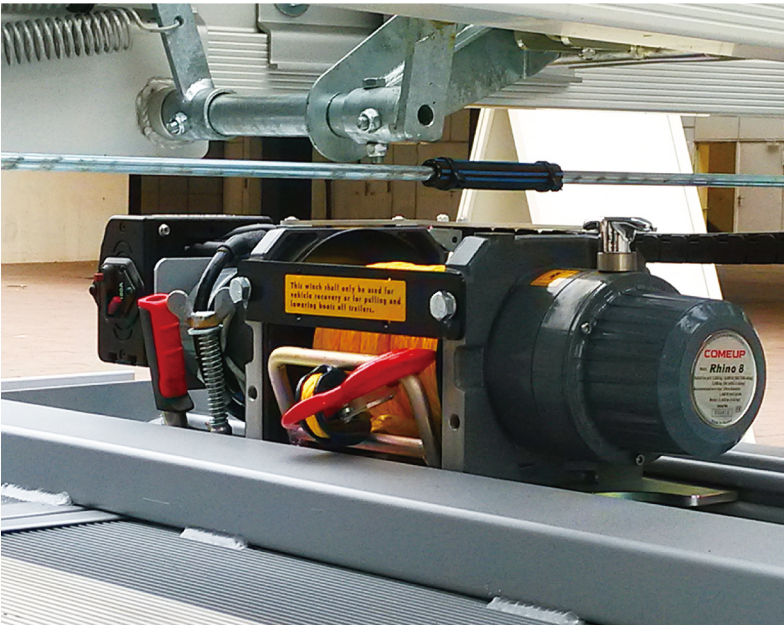
Wire rope recommended :

- * 10 mm x 22.6 m, 1,960 N/mm² with a minimum breaking strength of 69.8 kN required for EN 14492-1 rating
- * 3/8" x 100', EIPS grade with a minimum breaking strength of 15,663 lbf required for SAE J706 rating

Winch weight : 31 kg / 68.3 lb

Gross weight : Rhino 8 : 47 kg / 104 lb
Rhino 8 Pro : 48 kg / 106 lb

Box dimension, (L x D x H) : 650 x 260 x 440 mm (25.6" x 10.2" x 17.3")



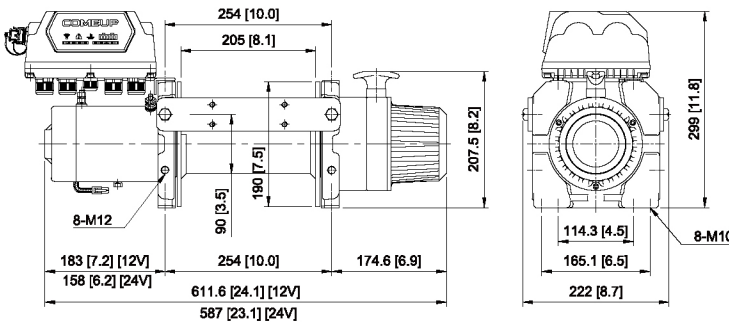
PERFORMANCE DATA :
Line Pull and Rope Capacity

Layer of Rope	Pull by Layer, kg / lb	Line Speed, mpm / fpm	Total Rope on the Drum, m / ft
1 st	3,630 / 8,000	0.7 / 2.3	6.3 / 20.7
2 nd	3,025 / 6,669	0.9 / 3.0	13.8 / 45.3
3 rd	2,593 / 5,717	1.0 / 3.3	22.6 / 74.1
4 th	2,269 / 5,002	1.2 / 4.0	30.5 / 100

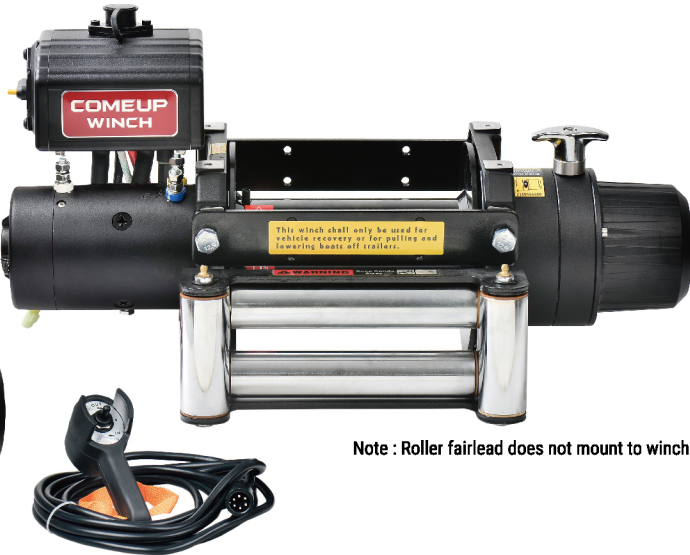
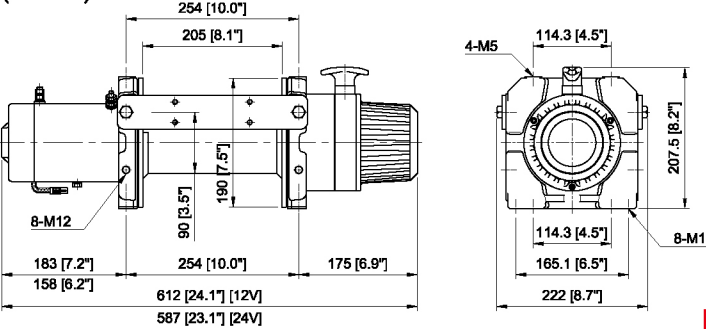
Line Speed and Amp. Draw (1st layer of rope on the drum)

Line Pull kg / lb	Line Speed, mpm / fpm	Amp. Draw, A	
		12V	24V
No Load	9.0 / 29.5	45	30
907 / 2,000	3.0 / 10	90	60
1,814 / 4,000	1.5 / 5.0	180	120
2,722 / 6,000	1.0 / 3.3	260	180
3,630 / 8,000	0.7 / 2.3	340	230

DIMENSION mm/in : (Rhino 8 Pro)



(Rhino 8)



Note : Roller fairlead does not mount to winch

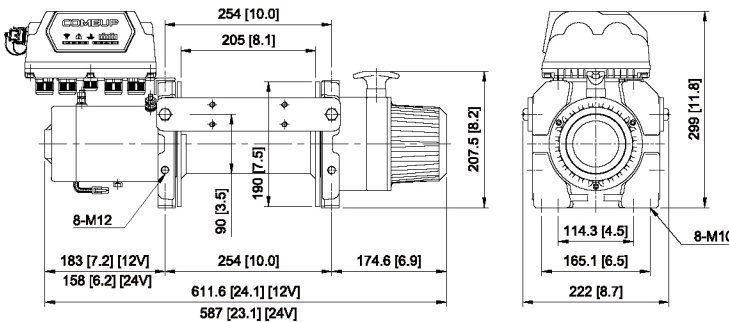
PERFORMANCE DATA :
Line Pull and Rope Capacity

Layer of Rope	Pull by Layer, kg / lb	Line Speed, mpm / fpm	Total Rope on the Drum, m / ft
1 st	3,630 / 8,000	0.7 / 2.3	6.3 / 20.7
2 nd	3,025 / 6,669	0.9 / 3.0	13.8 / 45.3
3 rd	2,593 / 5,717	1.0 / 3.3	22.6 / 74.1
4 th	2,269 / 5,002	1.2 / 4.0	30.5 / 100

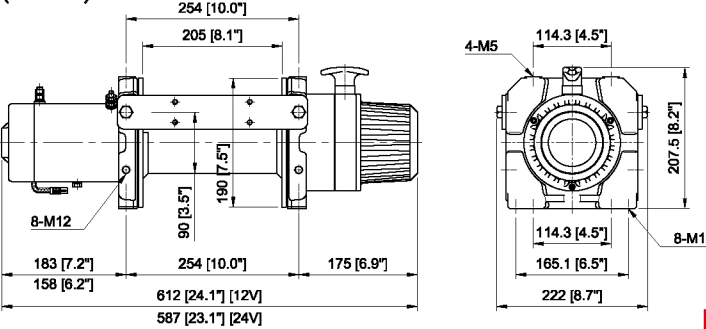
Line Speed and Amp. Draw (1st layer of rope on the drum)

Line Pull kg / lb	Line Speed, mpm / fpm	Amp. Draw, A	
		12V	24V
No Load	9.0 / 29.5	45	30
907 / 2,000	3.0 / 10	90	60
1,814 / 4,000	1.5 / 5.0	180	120
2,722 / 6,000	1.0 / 3.3	260	180
3,630 / 8,000	0.7 / 2.3	340	230

DIMENSION mm/in : (Rhino 8 Pro)



(Rhino 8)



Electric Recovery Winch

COMEUP, as an international brand of winch manufacturer, is aiming to provide a superior product that is inherently safe to operate in all conditions by all users. COMEUP further assures that its industrial winches comply with all European Standards and Directives including but not limited to EN 14492-1, the Machinery Safety regulations and all current Health and Safety regulations. COMEUP Rhino & Rhino Pro Series winches are designed to comply the above regulation requirements that ensures maximum performance in the toughest environment and is ideal for commercial, industrial and severe duty application.

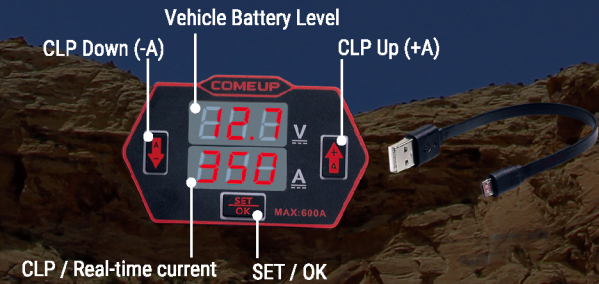
- ▶ Rhino & Rhino Pro Series 8,000 ~ 15,000 lb
- ▶ Wolf Series 8,500 ~ 12,000 lb

Rhino & Rhino Pro Series

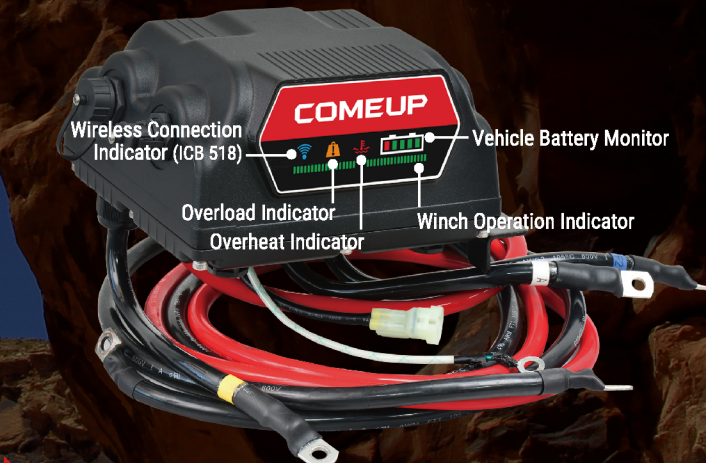
8,000 - 12,000 - 15,000 lb pulling capacity

- Reliable electric winch for commercial, industrial and severe duty applications.
- Hardened steel, 3-stage planetary gear train for efficient and reliable operation.
- Waterproof remote control with thermometric LED indicator alerts when the motor is over-heated.
- Patented over-loading current protector can be programmed by the winch specification and pulling requirements which limits the winch's maximum pulling power. (Rhino Pro Sereies)
- LED Indicator displays detailed winch status while operating. (Rhino Pro Sereies)
- Low voltage detecting function reminds operator vehicle battery status. (Rhino Pro Sereies)
- U.S. Germany, U.K., France, etc patented mechanical cone brake holds the full load without slipping.
- Easy to turn the T-handle for rapid wire rope payout.
- Submersible sealed contactor handles high amps and allows higher duty cycle.
- Meets CE Machinery Directive 2006/42/EC, CE Electromagnetic Compatibility 2014/30/EU, and EN 14492-1 : 2006 Power Driven Winches.

- ▶ **Current Regulator (sold separately) PN 883558**
 - The Current Regulator is a device to adjust CLP (Current Limit Point) in ICB Control Box.
 - Once the Current Regulator is connected to the ICB control box, the technician an adjust the CLP in order to limit the winch's maximum pulling power.
 - Only trained dealers and representatives are allowed to use this device to adjust the CLP.



- ▶ Compliant with EN 14492-1 requirements for recovery winch :
 - The working coefficient for the first rope layer on the drum shall be at least 2.
 - The D/d ratio to the center of the rope shall be at least 10 for the drum.
 - Drum freeboard shall be at least 1.5 x rope diameter.
- ▶ Intelligent Control Box (ICB)
 - The ICB designed to allow adjustment of a winch's maximum pulling power.
 - Patented over-loading current protector can beprogrammed by the winch specification and pulling requirements which limits the winch's maximum pulling power.
 - Optional digits regulator panel for setting up overload current and also shows instant battery voltage value while operating winch.
 - LED Indicator displays detailed winch status while operating.
 - Low voltage detecting function reminds operator vehicle battery status.
 - Durable aluminum alloy die cast housings.
 - IP68 rated waterproof.
 - Applicable for other brands of winches.



- ▶ ICB - Limited Three (3) Years Warranty for Electric Components



Rhino 15/15 Pro

15,000 LB Electric Recovery Winch

- Meets CE Machinery Directive 2006/42/EC, CE Electromagnetic Compatibility 2014/30/EU, and EN 14492-1 : 2006 Power Driven Winches
- Rhino 15 PN 851540 24V | Rhino 15 Pro PN 855126 24V



SPECIFICATIONS :

Rated line pull : 6,804 kg (15,000 lb) single line, EN 14492-1 rating
Motor : 5,250 w / 7.0 hp, 24V series wound
Gear train & ratio : 3-stage planetary 315:1
Clutch (freespooling) : Rotating ring gear
Brake (outside the drum) : Automatic, full load CBS (Cone Brake Structure)
Winch construction : Aluminum die cast housings with steel drum
Drum size : 133 x 195.5 mm (5.2" x 7.7")
Rotation of winch : Wire rope shall be under-wound orientation only
Control : Waterproof remote with thermometric indicator LED and 5 m (17') cord
Mounting bolt pattern : 254 x 114.3 mm (10" x 4.5") ; 254 x 165.1 mm (10" x 6.5")
Wire rope recommended : 14 mm x 22 m, 1,960/mm² grade with a minimum breaking strength of 137 kN required for EN 14492-1 rating
Winch weight : 59 kg / 130 lb
Gross weight : Rhino 15: 71 kg / 156.5 lb
Rhino 15 Pro : 72 kg / 159 lb
Box dimension, (L x D x H) : Rhino 15 : 693 x 354 x 473 mm (27.3" x 13.9" x 18.6")
Rhino 15 Pro : 693 x 354 x 508 mm (27.3" x 13.9" x 20")

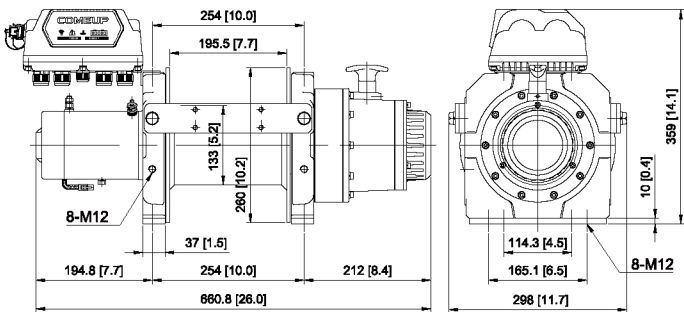
PERFORMANCE DATA : Line Pull and Rope Capacity

Layer of Rope	Pull by Layer, kg / lb	Line Speed, mpm / fpm	Total Rope on the Drum, m / ft
1 st	6,804 / 15,000	1.9 / 6.2	6.2 / 20.3
2 nd	5,715 / 12,599	2.3 / 7.5	13.6 / 44.6
3 rd	4,927 / 10,862	2.6 / 8.5	22 / 72

Line Speed and Amp. Draw (1st layer of rope on the drum)

Line Pull kg / lb	Line Speed, mpm / fpm	Amp. Draw, A 24V
No Load	12.6 / 41.3	35
1,814 / 4,000	5.1 / 16.7	80
3,630 / 8,000	4.1 / 13.5	160
4,536 / 10,000	3.1 / 10.2	200
5,443 / 12,000	2.5 / 8.2	250
6,804 / 15,000	1.9 / 6.2	300

DIMENSION mm/in : (Rhino 15 Pro)



(Rhino 15)

