INDUSTRIAL WINCH

HYDRAULIC RECOVERY WINCH

Powered by a PTO (power take off) unit driven pump, COMEUP Hydraulic Recovery Winches feature a commercial grade hydraulic system for hard working, industrial applications. These systems feature an extremely powerful and reliable hydraulic motor offering variable line speed for control when it's needed and high work rate to get the job done fast. The efficient and constant operating high torque motor supports professional applications in tough situations. COMEUP hydraulic Winches excel in a wide variety of applications including heavy duty vehicle recovery, heavy equipment loading, cargo loading along with many other commercial and industrial uses.

HYDRAULIC RECOVERY WINCH

- Bison Series 20,000 ~ 50,000 lb
- HV Series 8,000 ~ 15,000 lb

Features:

- Powered by an onboard hydraulic pump or PTO
- Fast and variable recovery speeds for high speed working
- Efficient and constant operating high torque motor
- 2-stage planetary gear train for greater pulling force
- Bison Series winches use air clutches.
- Drag brake and over-center valve providing complete braking
- EN 14492-1 supported: 10:1 D/d ratio and 2:1 wire rope strength allow severe duty vehicles and commercial recovery
- Meets SAE J706 revised AUG 2003, CE Machinery Directive 2006/42/EC, and EN 14492-1:2006 Power Driven Winches (Except Bison 30/50).

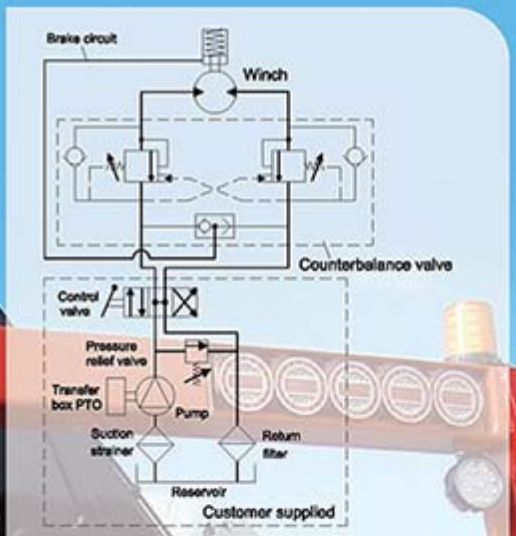
One (1) year Warranty.

Bison Series

20,000 - 30,000 - 50,000 lb pulling capacity

1. Powered by a PTO (power take off unit) driven pump with variable recovery speeds for high working rate.
2. Highly efficient and constant operating torque motor.
3. Uses a patented Multi-Disc Brake (MDB) for safe and secure load holding
4. Hardened 2-stage planetary gear train provides faster line speeds.
5. Built-in air clutch for rapid wire rope payout

Remark : Low pressure motor or EN Version available upon request



(Powered by PTO / power take off unit driven pump)
The installation of the counterbalance valve supplied is required for 100% braking

COMEUP WINCH

Bison 50

50,000 LB Hydraulic Recovery Winch

• Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC

PN 685010 Std. dum

Note : Roller fairlead does not mount to winch

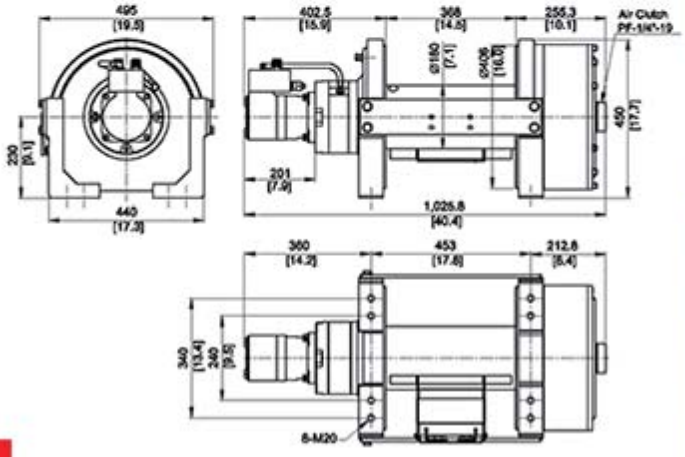
SPECIFICATIONS :

Rated line pull : 22,680 kg (50,000 lb) SAE J706 ratings
Operation pressure : 200 bar / 2,900 psi
Max oil flow : 100 l/min (26.5 g/min)
Hydraulic motor : 251.8 cm³ / rev (15.4 in³ / rev)
Gear train & ratio : 2-stage planetary gear 44:1
Winch construction : Cast housings with steel drum
Clutch (Freespooling) : Output shaft disengaged
Brake : Multi-Disc Brake (MDB) patented and counterbalance valve supplied
Rotation of winch : Wire rope shall be under-wound orientation only
Drum barrel diameter : 180 mm (7.1")
Drum flange diameter : 406 mm (16")
Distance between flanges : 368 mm (14.5")
Mounting bolt pattern : 240 x 453 mm (9.5" x 17.8") ; 340 x 453 mm (13.4" x 17.8")
Wire rope recommended : 22.4 mm x 48 m (7/8" x 157') 1,770 N/mm² (EIPS) breaking strength of 305 kN (68,566 lbf) required for SAE J706 ratings.
Winch weight : 375 kg / 827 lb
Gross weight : 410 kg / 904 lb
Box dimension, (L x D x H) : 1,170 x 630 x 670 mm (46" x 24.8" x 26.4")

PERFORMANCE DATA :

Line Pull and Rope Capacity			Line Speed
Layer of Wire Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft	at 100 l/min (26.5 g/min), mpm / fpm
1st	22,680 / 50,000	10 / 33	5.7 / 19
2nd	18,570 / 40,940	22 / 72	7.0 / 23
3rd	15,720 / 34,660	36 / 118	8.3 / 27
4th	13,630 / 30,050	48 / 157	9.6 / 31

DIMENSION mm/in :



Bison 30

30,000 LB Hydraulic RecoveryWinch

- Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC

PN 683030 Std. dum | PN 683352 Long dum

Note : Roller fairlead does not mount to winch

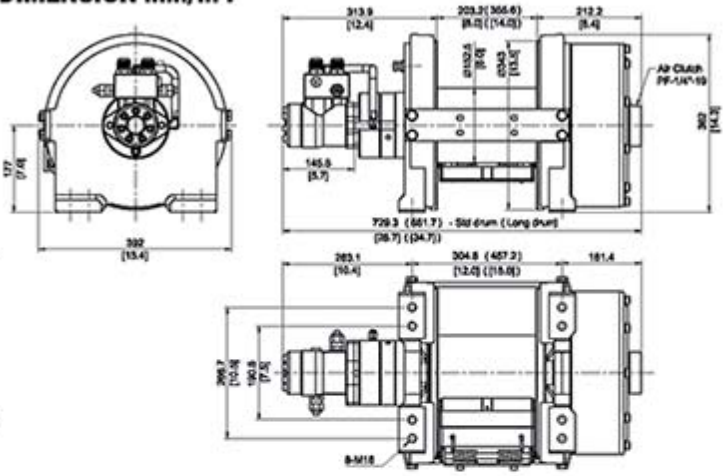
SPECIFICATIONS :

Rated line pull : 13,600 kg (30,000 lb) SAE J706 ratings
Operation pressure : 175 bar / 2,540 psi
Max oil flow : 60 l/min (15.9 g/min)
Hydraulic motor : 155.7 cm3 / rev (9.5 in3 / rev)
Gear train & ratio : 2-stage planetary gear 41:1
Winch construction : Cast housings with steel drum
Clutch (Freespooling) : Output shaft disengaged
Brake : Multi-Disc Brake (MDB) patented and counterbalance valve supplied
Rotation of winch : Wire rope shall be under-wound orientation only
Drum barrel diameter : 152.5 mm (6")
Drum flange diameter : 343 mm (13.5")
Distance between flanges : 203.2 mm (8") - Std. drum; 355.6 mm (14") - Long drum
Mounting bolt pattern :
Std. drum - 190.5 x 304.8 mm (7.5" x 12"); 266.7 x 304.8 mm (10.5" x 12")
Long drum - 190.5 x 457.2 mm (7.5" x 18"); 266.7 x 457.2 mm (10.5" x 18")
Wire rope recommended : 16 mm x 43 m (5/8" x 141') for Std. drum and 75 m (246') for Long drum, 1,960 N/mm² (EIPS) grade with a minimum breaking strength of 179 kN (40,167 lbf) required for SAE J706 ratings.
Winch weight : 175 kg / 386 lb (Std. drum); 197 kg / 434 lb (Long drum)
Gross weight : 198 kg / 437 lb (Std. drum); 235 kg / 518 lb (Long drum)
Box dimension , (L x D x H) : 900 x 510 x 530 mm (35.4" x 20.1" x 20.9") - Std. drum
1,040 x 620 x 510 mm (40.9" x 24.4" x 20.1") - Long drum

PERFORMANCE DATA :

Line Pull and Rope Capacity				Line Speed
Layer of Wire Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft Std. drum	Long drum	at 60 l/min (15.9 g/min), mpm / fpm
1st	13,600 / 30,000	6 / 20	11 / 36	5.0 / 16
2nd	11,438 / 25,216	14 / 44	25 / 82	5.9 / 19
3rd	9,864 / 21,745	22 / 73	40 / 131	6.9 / 23
4th	8,670 / 19,115	32 / 104	58 / 190	7.8 / 26
5th	7,735 / 17,052	43 / 141	75 / 246	8.8 / 29

DIMENSION mm/in :



COMEUP WINCH

Bison 20

20,000 LB Hydraulic Recovery Winch

• Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC and EN 14492-1:2006 Power Driven Winches

PN 682030 Std. dum | PN 682169 Long dum

EN 14492-1 COMPLIANT

Note : Roller fairlead does not mount to winch

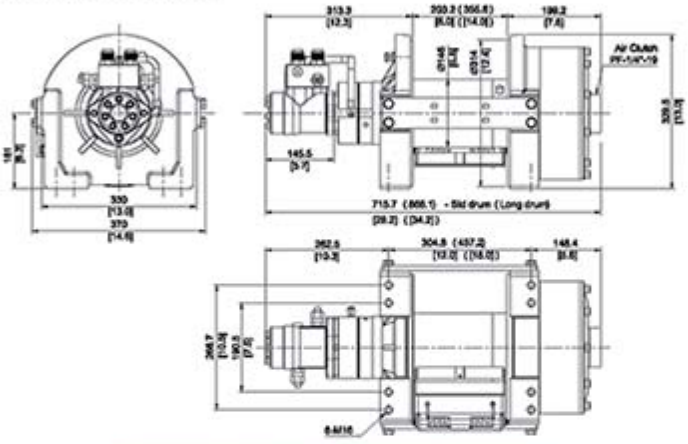
SPECIFICATIONS :

Rated line pull : 9,070 kg (20,000 lb) EN 14492-1 rating & SAE J706 rating
Operation pressure : 175 bar / 2,540 psi
Max oil flow : 60 l/min (15.9 g/min)
Hydraulic motor : 155.7 cm3 / rev (9.5 in3 / rev)
Gear train & ratio : 2-stage planetary gear 30:1
Winch construction : Cast housings with steel drum
Clutch (Freespooling) : Output shaft disengaged
Brake : Multi-Disc Brake (MDB) patented and counterbalance valve supplied
Rotation of winch : Wire rope shall be under-wound orientation only
Drum barrel diameter : 146 mm (5.8")
Drum flange diameter : 314 mm (12.4")
Distance between flanges : 203.2 mm (8") - Std. drum ; 355.6 mm (14") - Long drum
Mounting bolt pattern :
Std. drum - 190.5 x 304.8 mm (7.5" x 12") ; 266.7 x 304.8 mm (10.5" x 12")
Long drum - 190.5 x 457.2 mm (7.5" x 18") ; 266.7 x 457.2 mm (10.5" x 18")
Wire rope recommended :
* 16 mm x 30 m for Std. drum and 55 m for Long drum, 1,960 N/mm² grade with a minimum breaking strength of 179 kN required for EN 14492-1 rating.
* 9/16" x 141' for Std. drum and 262' for Long drum, EIPS grade with a minimum breaking strength of 30,472 lbf required for SAE J706 rating.
Winch weight : 135 kg / 298 lb (Std. drum) ; 150 kg / 331 lb (Long drum)
Gross weight : 165 kg / 364 lb (Std. drum) ; 195 kg / 430 lb (Long drum)
Box dimension, (L x D x H) : 870 x 500 x 510 mm (34.3" x 19.7" x 20.1") - Std. drum
1,025 x 500 x 510 mm (40.4" x 19.7" x 20.1") - Long drum

PERFORMANCE DATA :

Line Pull and Rope Capacity						Line Speed
Layer of Wire Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft Std. drum 14 mm rope	16 mm rope	Long drum 14 mm rope	16 mm rope	at 60 l/min (15.9 g/min), mpm / fpm
1st	9,070 / 20,000	7 / 23	6 / 20	12 / 39	11 / 36	7.1 / 23
2nd	7,719 / 17,017	15 / 49	13 / 43	27 / 89	24 / 79	8.3 / 27
3rd	6,719 / 14,813	24 / 79	21 / 69	43 / 141	39 / 128	9.5 / 31
4th	5,948 / 13,113	34 / 112	30 / 98	62 / 203	55 / 180	10.8 / 35
5th	5,335 / 11,762	43 / 141	-	80 / 262	-	12 / 39

DIMENSION mm/in :



HV Series

8,000 - 10,000 - 12,000 - 15,000 lb pulling capacity

• Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC, and EN 14492-1:2006 Power Driven Winches.

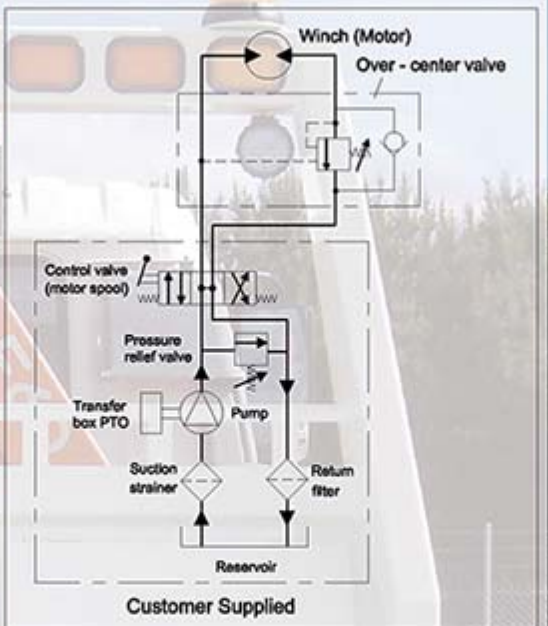
Note : Roller fairlead does not mount to winch.
Clutch in left side.

1. **Powered by a PTO Device**
   Adjustable oil flow and pressure allow variable line pull and speed.
2. **Extreme Motor**
   Highly efficient and constant operating torque output.
3. **Doubled Failsafe Brakes**
   Mechanical drag brake and over-center valve provided for holding full load.
4. **Outstanding and Elegant Design**
   Aluminum die cast housings with steel drum.
5. **2-stage Planetary Gear Train**
   Less gear reduction ratio for maximum rated line speed.
6. **Turn Clutch by Ergonomic T-handle for Rapid Wire Rope Payout**
   Easy to turn the T-handle for rapid wire rope payout and workable for left or right side location.

EN 14492-1 COMPLIANT

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.

Hydraulic System Installation
(Powered by a PTO/power take off unit driven pump)



Customer Supplied

Advantage: Professional winch system for hard working applications is cost effective, extremely powerful, reliable, light weight, and feature variable line speed for a high work rate.

COMEUP WINCH

HV-15

15,000 LB Hydraulic Recovery Winch

• Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC and EN 14492-1: 2006 Power Driven Winches

PN 686732 Std. drum | PN 687548 Std. drum, Clutch in left side

Note : Roller fairlead does not mount to winch

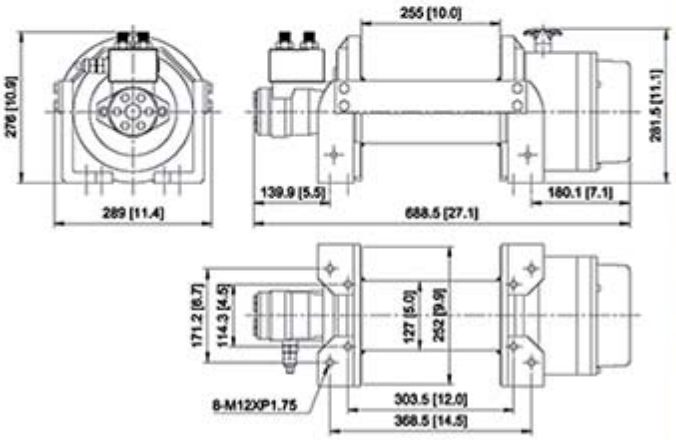
SPECIFICATIONS :

Rated line pull : 6,800 kg (15,000 lb) EN 14492-1 rating & SAE J706 rating
Operation pressure : 150 bar / 2,175 psi
Max oil flow : 60 l/min (15.9 g/min)
Hydraulic motor : 156 cm3 / rev (9.5 in3 / rev)
Gear train & ratio : 2-stage planetary 19.4:1
Winch construction : Aluminum die cast housings with steel drum
Clutch (freespooling) : Rotating ring gear
Brake : Spring applied drag brake together with over-center valve supplied
Rotation of winch : Wire rope shall be under-wound orientation only
Drum barrel diameter : 127 mm (5.0")
Drum flange diameter : 252 mm (9.9")
Drum between flanges : 255 mm (10.0")
Mounting bolt pattern :
303.5 x 114.3 mm (12.0" x 4.5") ; 368.5 x 171.2 mm (14.5" x 6.7")
Wire rope recommended :
14 mm x 27 m (9/16" x 89'), 1,960 N/mm² (EIPS) grade with a minimum breaking strength of 137 KN (30,742 lbf) required for SAE J706 and EN 14492-1 ratings
Winch weight : 72 kg / 158.7 lb
Gross weight : 88 kg / 194 lb
Box dimension, (L x D x H) : 735 x 430 x 335 mm (29" x 16.9" x 13.2")

PERFORMANCE DATA :

Line Pull and Rope Capacity			Line Speed
Layer of Wire Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft	at 60 l/min (15.9 g/min), mpm / fpm
1st	6,800 / 15,000	7.8 / 25.6	9.0 / 30.0
2nd	5,637 / 12,507	17.3 / 56.8	10.5 / 34.4
3rd	4,867 / 10,507	27.0 / 89.0	12.3 / 40.4

DIMENSION mm/in :



HV-12

12,000 LB Hydraulic Recovery Winch

• Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC and EN 14492-1: 2006 Power Driven Winches

PN 684311 Std. drum | PN 685433 Std. drum, Clutch in left side

Note : Roller fairlead does not mount to winch

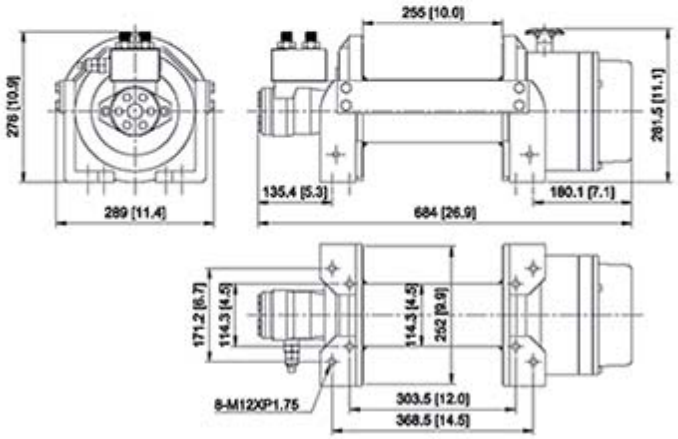
SPECIFICATIONS :

Rated line pull : 5,440 kg (12,000 lb) SAE J706 rating
5,100 kg EN 14492-1 rating
Operation pressure : 150 bar / 2,175 psi
Max oil flow : 60 l/min (15.9 g/min)
Hydraulic motor : 125 cm3 / rev (7.6 in3 / rev)
Gear train & ratio : 2-stage planetary 19.4:1
Winch construction : Aluminum die cast housings with steel drum
Clutch (freespooling) : Rotating ring gear
Brake : Spring applied drag brake together with over-center valve supplied
Rotation of winch : Wire rope shall be under-wound orientation only
Drum barrel diameter : 114.3 mm (4.5")
Drum flange diameter : 252 mm (9.9")
Drum between flanges : 255 mm (10.0")
Mounting bolt pattern :
303.5 x 114.3 mm (12.0" x 4.5") ; 368.5 x 171.2 mm (14.5" x 6.7")
Wire rope recommended :
12 mm x 39 m (1/2" x 128'), 1,960 N/mm² (EIPS) grade with a minimum breaking strength of 100.5 KN (22,552 lbf) required for SAE J706 and EN 14492-1 ratings
Winch weight : 71 kg / 156.5 lb
Gross weight : 87 kg / 191.8 lb
Box dimension, (L x D x H) : 735 x 430 x 335 mm (29" x 16.9" x 13.2")

PERFORMANCE DATA :

Line Pull and Rope Capacity			Line Speed
Layer of Wire Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft	at 60 l/min (15.9 g/min), mpm / fpm
1st	5,440 / 12,000	8.2 / 26.9	10.0 / 33.0
2nd	4,570 / 10,075	18.0 / 59.1	11.6 / 38.1
3rd	3,939 / 8,684	29.3 / 96.1	13.5 / 44.3
4th	3,462 / 7,632	39.0 / 128.0	15.4 / 50.5

DIMENSION mm/in :



COMEUP WINCH

HV-10

10,000 LB Hydraulic Recovery Winch

- Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC and EN 14492-1: 2006 Power Driven Winches

PN 682546 Std. drum | PN 683129 Std. drum, Clutch in left side

Note : Roller fairlead does not mount to winch

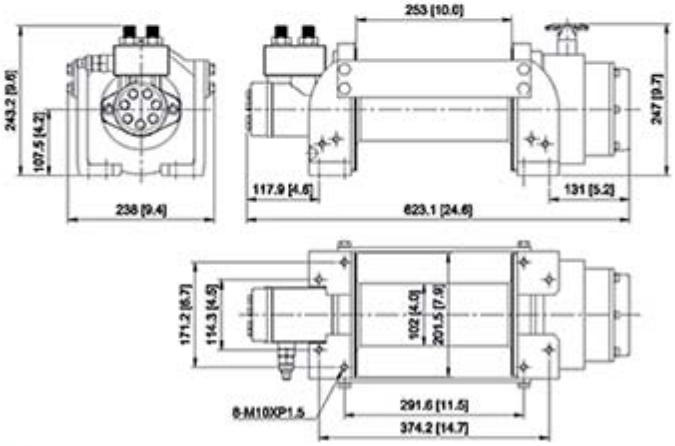
SPECIFICATIONS :

Rated line pull : 4,535 kg (10,000 lb) SAE J706 rating
4,300 kg EN 14492-1 rating
Operation pressure : 150 bar / 2,175 psi
Max oil flow : 60 l/min (15.9 g/min)
Hydraulic motor : 97.3 cm3 / rev (5.9 in3 / rev)
Gear train & ratio : 2-stage planetary 16:1
Winch construction : Aluminum die cast housings with steel drum
Clutch (freespooling) : Rotating ring gear
Brake : Spring applied drag brake together with over-center valve supplied
Rotation of winch : Wire rope shall be under-wound orientation only
Drum barrel diameter : 102 mm (4.0")
Drum flange diameter : 201.5 mm (7.9")
Drum between flanges : 253 mm (10")
Mounting bolt pattern :
291.6 x 171.2 mm (11.5" x 6.7") ; 374.2 x 114.3 mm (14.7" x 4.5")
Wire rope recommended :
11 mm x 27 m (7/16" x 89'), 1,960 N/mm² (EIPS) grade with a minimum breaking strength of 84.4 KN (18,939 lbf) required for SAE J706 and EN 14492-1 ratings
Winch weight : 37 kg / 81.4 lb
Gross weight : 46.6 kg / 102.5 lb
Box dimension, (L x D x H) : 680 x 380 x 300 mm (26.8" x 15" x 11.8")

PERFORMANCE DATA :

Line Pull and Rope Capacity			Line Speed
Layer of Wire Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft	at 60 l/min (15.9 g/min), mpm / fpm
1st	4,535 / 10,000	8.0 / 26.2	14.0 / 46.0
2nd	3,796 / 8,369	17.5 / 57.4	16.3 / 53.5
3rd	3,264 / 7,196	27.0 / 89.0	19.0 / 62.3

DIMENSION mm/in :



HV-8

8,000 LB Hydraulic Recovery Winch

- Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC and EN 14492-1: 2006 Power Driven Winches

PN 680816 (Std. drum) | PN 681091 (Long drum)
PN 681123 (Std. drum, Clutch in left side) | PN 681347 (Long drum, Clutch in left side)

Note : Roller fairlead does not mount to winch

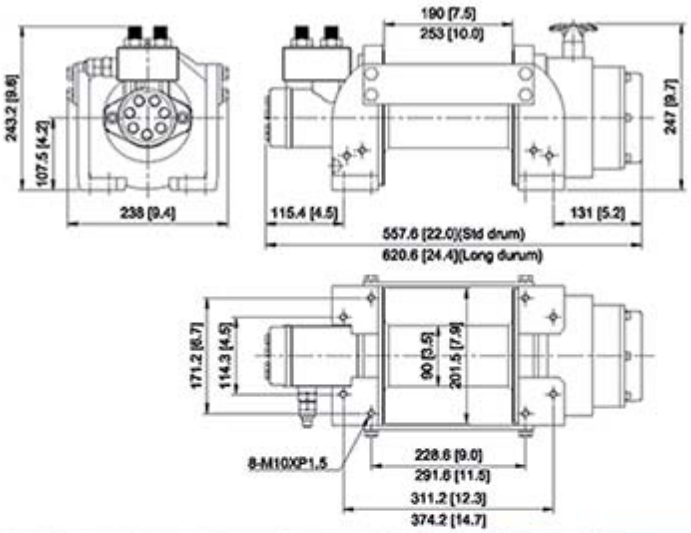
SPECIFICATIONS :

Rated line pull : 3,630 kg (8,000 lb) SAE J706 rating
3,560 kg EN 14492-1 rating
Operation pressure : 150 bar / 2,175 psi
Max oil flow : 60 l/min (15.9 g/min)
Hydraulic motor : 77.8 cm3 / rev (4.7 in3 / rev)
Gear train & ratio : 2-stage planetary 16:1
Winch construction : Aluminum die cast housings with steel drum
Clutch (freespooling) : Rotating ring gear
Brake : Spring applied drag brake together with over-center valve supplied
Rotation of winch : Wire rope shall be under-wound orientation only
Drum barrel diameter : 90 mm (3.5")
Drum flange diameter : 201.5 mm (7.9")
Drum between flanges : 190 mm (7.5") - Std. drum ; 253 mm(10") - Long drum
Mounting bolt pattern :
Std. drum - 228.6 x 171.2 mm (9.0" x 6.7") ; 311.2 x 114.3 mm (12.3" x 4.5")
Long drum - 291.6 x 171.2 mm (11.5" x 6.7") ; 374.2 x 114.3 mm (14.7" x 4.5")
Wire rope recommended :
10 mm x 30.5 m (3/8" x 100') for Std. drum and 40 m (131') for long drum, 1,960 N/mm² (EIPS) grade with a minimum breaking strength of 69.8 KN (15,663 lbf) required for SAE J706 and EN 14492-1 ratings
Winch weight : 35.5 kg / 78.1 lb (Std. drum) ; 37.5 kg / 82.7 lb (Long drum)
Gross weight : 43.3 kg / 95.3 lb (Std. drum) ; 45.3 kg / 99.9 lb (Long drum)
Box dimension, (L x D x H) :
615 x 380 x 300 mm (24.2" x 15" x 11.8") -Std. drum
680 x 380 x 300 mm (26.8" x 15" x 11.8") - Long drum

PERFORMANCE DATA :

Line Pull and Rope Capacity				Line Speed
Layer of Wire Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft Std. drum	Long drum	at 60 l/min (15.9 g/min), mpm / fpm
1st	3,630 / 8,000	5.8 / 19.0	7.8 / 25.6	15.0 / 49.0
2nd	3,025 / 6,669	12.8 / 42.0	17.1 / 56.1	18.2 / 59.7
3rd	2,593 / 5,717	20.9 / 68.6	28.0 / 91.9	21.2 / 69.6
4th	2,269 / 5,002	30.5 / 100	40 / 131	24.2 / 79.4

DIMENSION mm/in :



HYDRAULIC WORM GEAR WINCH

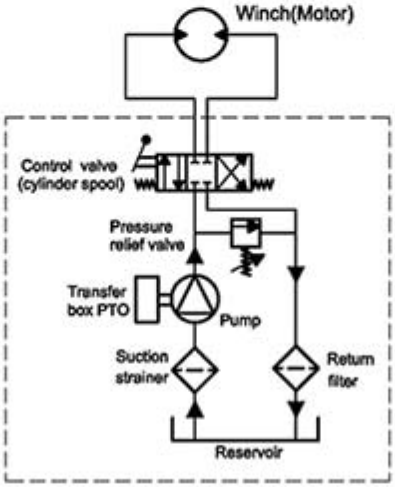
EN 14492-1 COMPLIANT

- Powered by an onboard hydraulic pump or PTO
- Fast and variable recovery speeds for high working rate
- High efficient and constant-operating torque motor
- Irreversible single stage worm gear provides instant braking and slip free operation
- An ergonomic T-handle for rapid wire rope payout
- Heavy duty roller fairlead with grease zerk fittings
- EN 14492-1 supported: 10:1 D/d ratio, 2:1 wire rope strength and 1.5d freeboard for severe duty car and commercial recovery
- Standard Compliance : SAE J706, CE Machinery Directive 2006/42/EC, and EN 14492-1:2006 Power Driven Winches.

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.

Hydraulic System



Customer supplied

Yak 7

7,000 LB Hydraulic Worm Gear Winch

- Meets SAE J706 revised AUG2003, CE Machinery Directive 2006/42/EC and EN 14492-1:2006 Power Driven Winches

PN 681260 Std. dum | PN 681266 Long dum

Note : Roller fairlead does not mount to winch

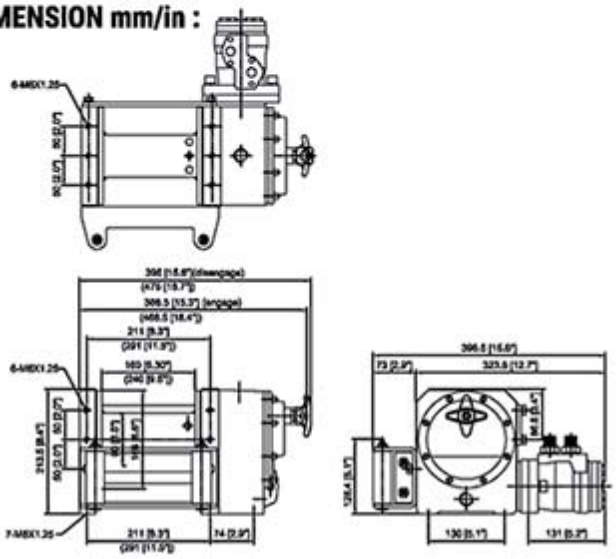
SPECIFICATIONS :

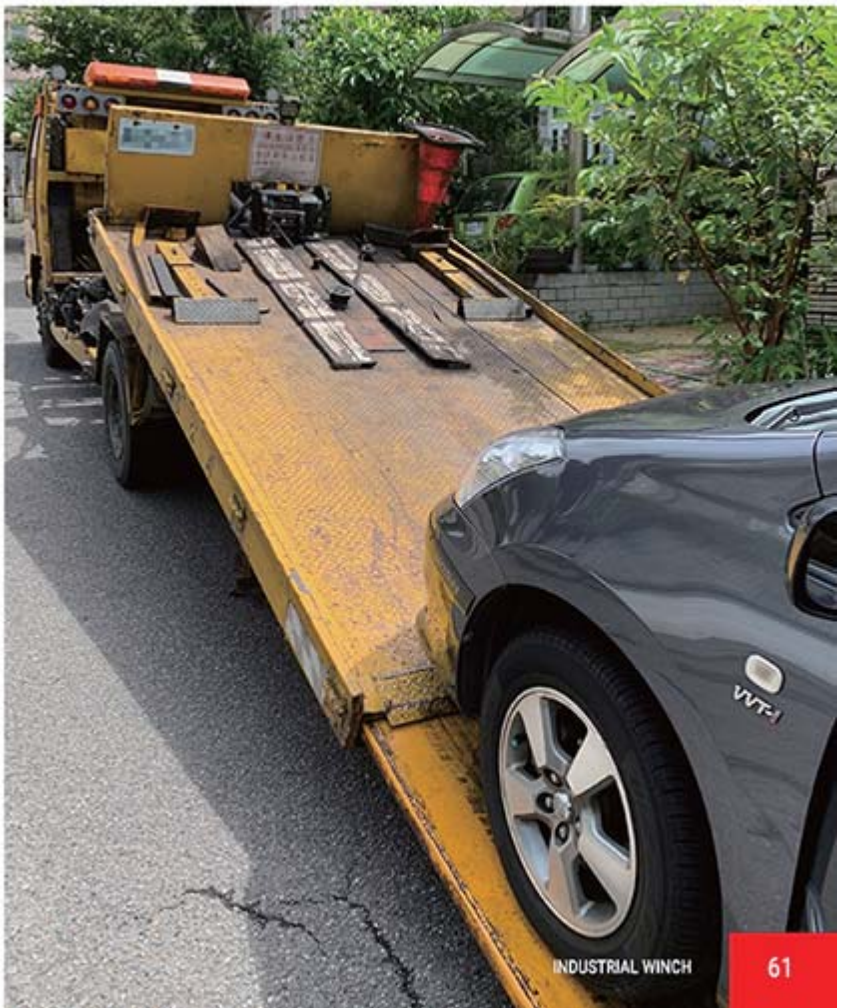
Rated line pull : 3,175 kg (7,000 lb) SAE J706 rating
3,200 kg EN 14492-rating
Operation pressure : 120 bar / 1,740 psi
Max oil flow : 40 l/min (10.6 g/min)
Hydraulic motor : 48.6 cm3 / rev (3.0 in3 / rev)
Gear train & ratio : 1-stage worm gear 50:1
Winch construction : Aluminum die cast housings with steel drum
Clutch (Freespooling) : Worm gear disengaged
Brake : Irreversible worm gear
Rotation of winch : Wire rope shall be under-wound orientation only
Drum barrel diameter : 90 mm (3.5")
Drum flange diameter : 168 mm (6.6")
Distance between flanges : 160 mm (6.3") - Std. drum / 240 mm (9.5") - Long drum
Mounting bolt pattern : 130 x 211 mm (5.1" x 8.3") - Std. drum
130 x 291 mm (5.1" x 11.5") - Long drum
Wire rope recommended :
10 mm x 10.7 m for Std. drum and 16.2 m for Long drum, 1,960N/mm² grade with a minimum breaking strength of 69.8 kN required for EN 14492-1 rating
3/8" x 57.4' for Std. drum and 87.3' for Long drum, EIPS grade with a minimum breaking strength of 15,663 lbf required for SAE J706 rating
Winch weight : 29 kg / 63.9 lb (Std. drum) ; 33 kg / 72.8 lb (Long drum)
Gross weight : 33 kg / 72.8 lb (Std. drum) ; 37 kg / 81.6 lb (Long drum)
Box dimension, (L x D x H) : 431 x 386 x 256 mm (17" x 15.2" x 10.1") - Std. drum
511 x 386 x 256 mm (20.1" x 15.2" x 10.1") - Long drum

PERFORMANCE DATA :

Line Pull and Rope Capacity				Line Speed
Layer of Wire Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft Std. drum	Long drum	at 40 l/min (10.6 g/min), mpm / fpm
1st	3,175 / 7,000	4.9 / 16.1	7.4 / 24.3	5.2 / 17.1
2nd	2,646 / 5,833	10.7 / 35.1	16.2 / 53.1	6.2 / 20.3
3rd	2,268 / 5,000	17.5 / 57.4	26.6 / 87.3	7.2 / 23.6

DIMENSION mm/in :





COMEUP
WINCH

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

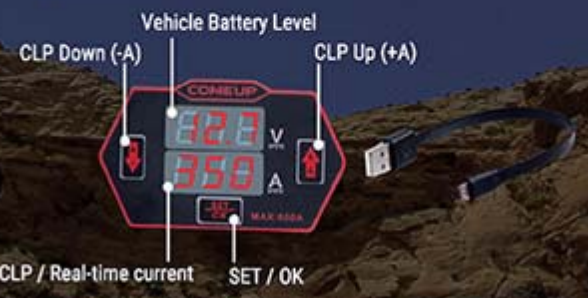
8,000 - 12,000 - 15,000 lb pulling capacity

EN 14492-1 COMPLIANT

- 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.

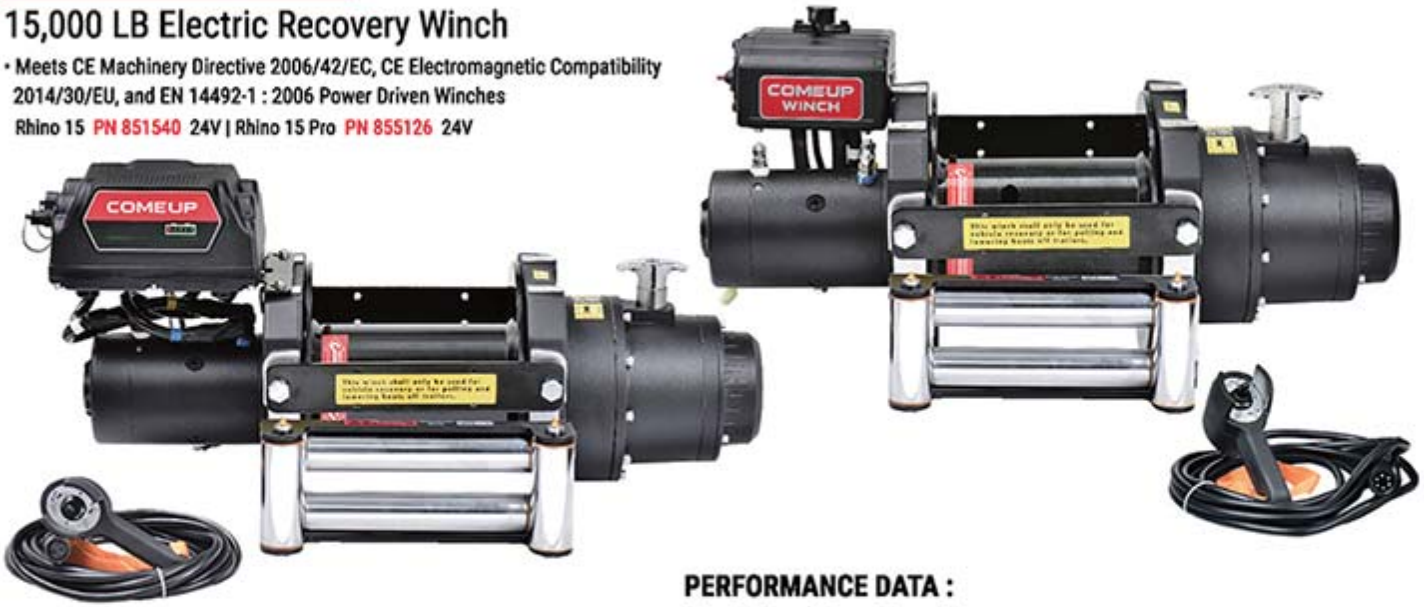
ICB - Limited Three (3) Years Warranty for Electric Components

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 :

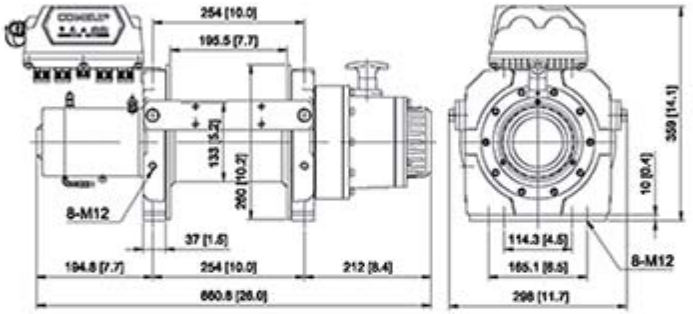
Line Pull and Rope Capacity

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

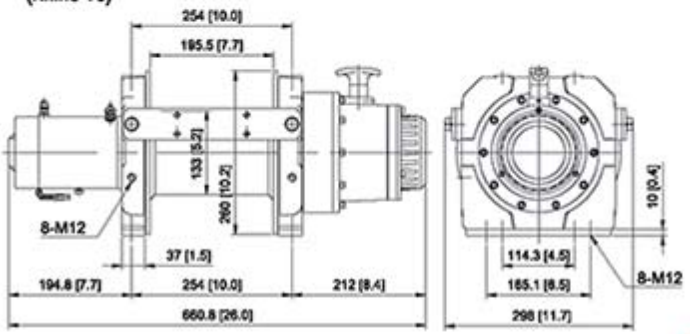
Line Speed and Amp. Draw (1st layer of rope on the drum)

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)



COMEUP WINCH

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

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")

PERFORMANCE DATA :

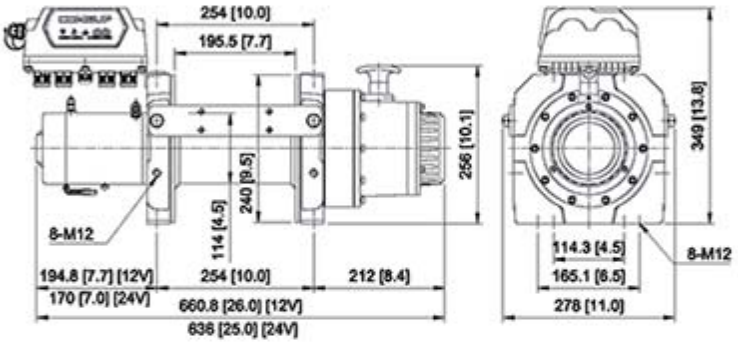
Line Pull and Rope Capacity

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

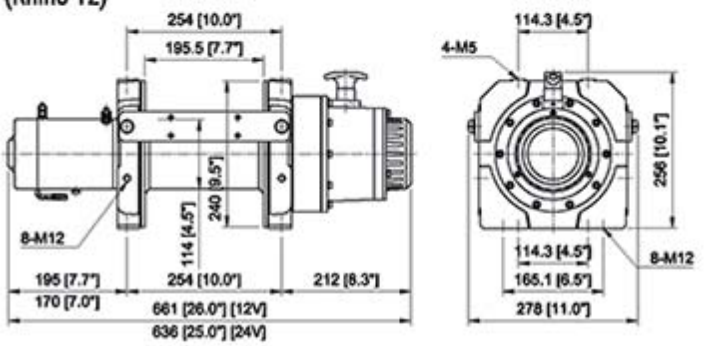
Line Speed and Amp. Draw (1st layer of rope on the drum)

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

Note : Roller fairlead does not mount to winch

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 :

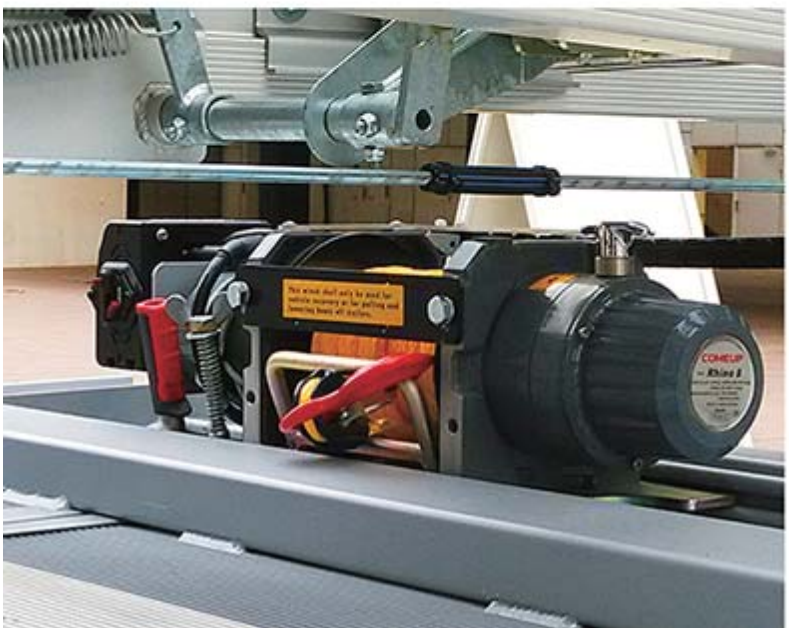
* 10 mm x 22.6 m, 1,960 N/mm² with a minimum breaking strength of 69.8 kN required for EN 14492-1 rating

* 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 :

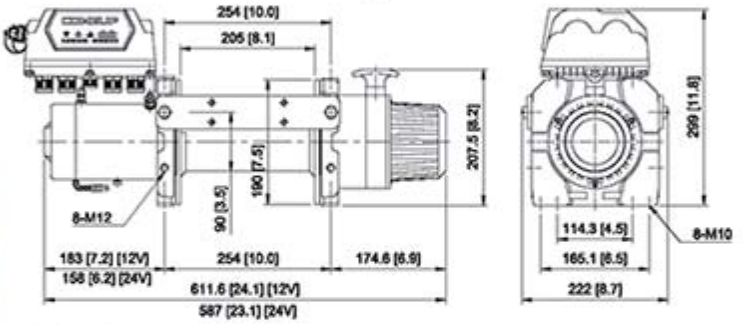
Line Pull and Rope Capacity

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

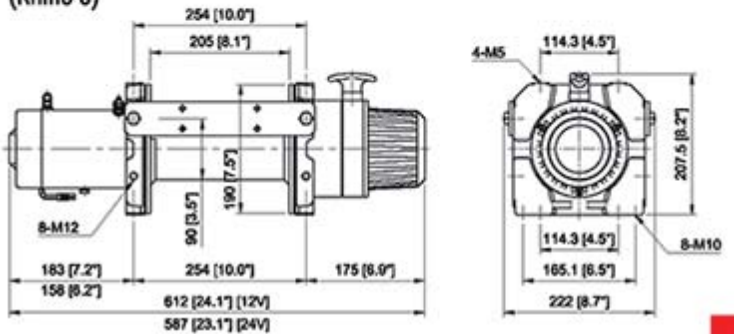
Line Speed and Amp. Draw (1st layer of rope on the drum)

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)



COMEUP WINCH

Wolf 12.0/8.5

12,000/8,500 LB Electric Worm Gear Winch

• Meets SAE J706, CE Machinery Directive 2006/42/EC, and REMSA Standards

Wolf 12.0 PN 782478 12V | PN 783415 24V (with wire rope, roller fairlead, remote control, cable tensioner)

Wolf 8.5 PN 780254 12V | PN 780988 24V (with wire rope, roller fairlead, remote control, cable tensioner)

Note : Roller fairlead does not mount to winch

SPECIFICATIONS :

Rated line pull :
Wolf 12.0 : 5,443 kg (12,000 lb) single line (SAE J706 rating)
Wolf 8.5 : 3,856 kg (8,500 lb) single line (SAE J706 rating)
Motor :
Wolf 12.0/8.5 : 3,430 w / 4.6 hp, 12V series wound
Wolf 12.0 : 2,240 w / 3.0 hp, 24V series wound
Wolf 8.5 : 1,940 w / 2.6 hp, 24V series wound
Gear train & ratio :
Wolf 12.0 : 2-stage spur gears PLUS worm gear 424:1
Wolf 8.5 : 2-stage spur gears PLUS worm gear 228.9:1
Clutch (freespooling) : Mechanism lever
Brake : Irreversible worm gear brake PLUS mechanism ratchet wheel brake
Drum size : Wolf 12.0 : 89 mm x 229 mm (3.5" x 9")
Wolf 8.5 : 82 mm x 229 mm (3.2" x 9")
Control : Waterproof remote control w/5 m (17') cord
Rope : Wolf 12.0 : Galvanized aircraft A7 x 19, 9.5 mm x 30.5 m (3/8" x 100')
Wolf 8.5 : Galvanized aircraft A7 x 19, 8.0 mm x 45 m (5/16" x 150')
Mounting bolt pattern : 273 x 110 mm (10.7" x 4.3") ; 257 x 172 mm (10.1" x 6.8")
Winch weight : Wolf 12.0 : 41 kg / 90.4 lb
Wolf 8.5 : 40 kg / 88.2 lb
Gross weight : Wolf 12.0 : 65 kg / 143.3 lb
Wolf 8.5 : 63.4 kg / 139.7 lb
Box dimension, (L x D x H) : 610 x 427 x 350 mm (24" x 16.8" x 13.8")

PERFORMANCE DATA :

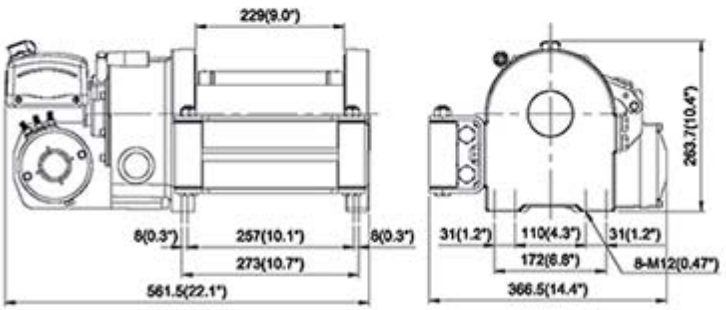
Line Pull and Rope Capacity

Model Name	Wolf 12.0		Wolf 8.5	
Layer of Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft
1st	5,443 / 12,000	7.3 / 24.0	3,856 / 8,500	8.0 / 26.4
2nd	4,563 / 10,060	16.0 / 52.6	3,279 / 7,229	17.5 / 57.4
3rd	3,928 / 8,659	26.1 / 85.8	2,853 / 6,289	28.4 / 93.1
4th	3,448 / 7,601	30.5 / 100	2,524 / 5,566	40.7 / 133.4
5th	-	-	2,264 / 4,991	45.0 / 150.0

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

Line Pull kg / lb	Line Speed, mpm / fpm				Amp. Draw, A			
	Wolf 12.0		Wolf 8.5		Wolf 12.0		Wolf 8.5	
	12V	24V	12V	24V	12V	24V	12V	24V
No Load	3.5 / 10.1	5.0 / 16.4	7.0 / 23.0	9.5 / 31.2	70	50	60	50
907 / 2,000	-	-	3.0 / 9.8	5.0 / 16.4	-	-	160	130
1,814 / 4,000	-	-	2.2 / 7.2	3.0 / 9.8	-	-	220	190
2,722 / 6,000	1.1 / 3.6	1.8 / 5.9	1.5 / 4.9	2.3 / 7.5	180	150	300	250
3,630 / 8,000	0.8 / 2.6	1.3 / 4.3	1.1 / 3.6	1.3 / 4.3	270	190	390	320
3,856 / 8,500	-	-	1.0 / 3.3	1.2 / 3.9	-	-	430	360
4,535 / 10,000	0.6 / 2.0	1.1 / 3.6	-	-	310	230	-	-
5,443 / 12,000	0.3 / 1.0	0.7 / 2.3	-	-	350	270	-	-

DIMENSION mm/in : (Wolf 12.0/8.5)



HEAVY DUTY DC HOIST

The GTD Series of heavy duty hoists are designed and built for use in the most demanding environments today's work trucks encounter. Through rigorous testing and validation processes these hoists are proven to meet global industry safety and durability standards.

Built using high efficiency, low amp draw permanent magnet motors the GTD Series hoists are extremely efficient while offering category leading safety. Our full metal 3-stage planetary gear sets offer greater lifting force and provide many years of reliable component service. COMEUP's submersible sealed contactor easily handles the high amperage demands of load lifting and allows a higher duty cycle for reliable all-day use.

All GTD Series Hoists comply with CE Machinery Directive 2006/42/EC, CE EMC Directive 2014/30/EU and ASME B30.5

- Provides an answer to the health and safety recommendations for manual lifting
- High efficiency low amp. draw and sealed permanent magnet motor
- Lightweight and compact design is ideal for easy installation
- Mechanical cone brake and permanent magnet motor dynamic braking work together for safe, controlled load handling
- Waterproof industrial remote control with 5 m lead
- Full metal 3 stage planetary gear train for greater pulling force
- Submersible sealed contactor handles high amps and allows higher duty cycle
- In compliance with standard of ASME B30.5 for D/d ≥ 18 and rope safety factor ≥ 3.5
- Meets CE Machinery Directive 2006/42/EC, CE EMC Directive 2014/30/EU and ASME B30.5

GTD Series 650 ~ 2,800 lb

COMEUP WINCH

GTD-2800

2,800 LB Heavy Duty Hoist

PN 753022 12V | PN 753033 24V
PN 753002 12V w/o controls and rope assembly
PN 753003 24V w/o controls and rope assembly

SPECIFICATIONS :

Rated load : 1,270 kg (2,800 lb)
Motor : 2,830 w / 3.8 hp, 12V permanent magnet
1,940 w / 2.6 hp, 24V permanent magnet
Gear train & ratio : 3-stage planetary 261:1
Brake (outside the drum) : Mechanical cone brake and permanent motor dynamic brakes together
Winch construction : Aluminum die cast housings and steel drum
Drum size : 135 x 114.6 mm (5.3" x 4.5")
Control : Remote control with 5 m (17') lead
Rope : Galvanized aircraft A7 x 19, 7.9 mm x 28 m (5/16" x 92')
Mounting bolt pattern : 114.3 x 171 mm (4.5" x 6.8") ; 165.1 x 171 mm (6.5" x 6.8")
Hoist weight (including rope & hook) : 48.1 kg / 106 lb
Gross weight : 54.8 kg / 120.8 lb
Box dimension, (L x D x H) : 620 x 360 x 260 mm (24.4" x 14.2" x 10.2")

PERFORMANCE DATA :

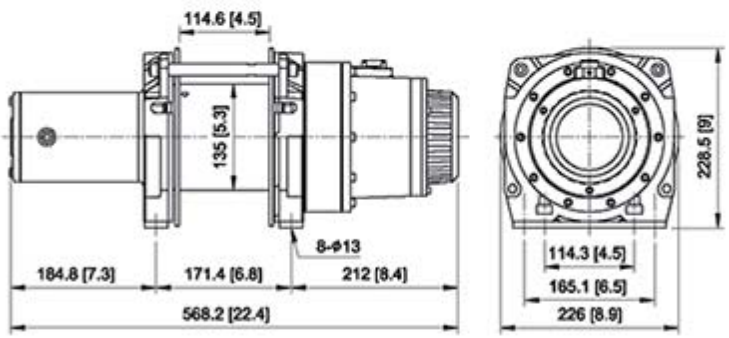
Line Pull and Rope Capacity

Layer of Wire Rope	Load by Layer, kg / lb	Line Speed mpm / fpm 12V	24V	Total Rope on the Drum, m / ft
1st	1,270 / 2,800	4.0 / 13.1	4.4 / 14.4	6.3 / 20.7
2nd	1,144 / 2,522	4.4 / 14.4	4.9 / 16.1	13.3 / 43.6
3rd	1,040 / 2,292	4.8 / 15.7	5.4 / 17.7	21 / 68.6
4th	954 / 2,103	5.3 / 17.4	5.8 / 19.0	28 / 92

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

Line Pull kg / lb	Line Speed, mpm / fpm 12V	24V	Amp. Draw,A 12V	24V	Percentage Duty Cycle Min / 10 min
No Load	5.8 / 19	6.0 / 19.7	30	22	Cont.
227 / 500	5.5 / 18	5.7 / 18.7	45	30	7.0
454 / 1,000	5.1 / 16.7	5.5 / 18.0	70	45	4.5
680 / 1,500	4.6 / 15.1	5.3 / 17.4	95	60	3.0
907 / 2,000	4.3 / 14.1	4.6 / 15.1	135	80	2.5
1,270 / 2,800	4.0 / 13.1	4.4 / 14.4	160	100	2.0

DIMENSION mm/in :



GTD-2200

2,200 LB Heavy Duty Hoist

PN 752103 12V | PN 752104 24V
PN 752003 12V w/o controls and rope assembly
PN 752004 24V w/o controls and rope assembly

SPECIFICATIONS :

Rated load : 998 kg (2,200 lb)
907 kg (2,000 lb) ASME B30.5 rating
Motor : 2,830 w / 3.8 hp, 12V permanent magnet
1,940 w / 2.6 hp, 24V permanent magnet
Gear train & ratio : 3-stage planetary 211:1
Brake (outside the drum) : Mechanical cone brake and permanent motor dynamic brakes together
Winch construction : Aluminum die cast housings and steel drum
Drum size : 108 x 105 mm (4.3" x 4.1")
Control : Remote control with 5 m (17') lead
Rope : Galvanized aircraft A7 x 19, 6.3 mm x 30.5 m (1/4" x 100')
Mounting bolt pattern : 114.3 x 152 mm (4.5" x 6") ; 165.1 x 152 mm (6.5" x 6")
Hoist weight (including rope) : 33.9 kg / 74.7 lb
Gross weight : 39.5 kg / 87.1 lb
Box dimension, (L x D x H) : 518 x 341 x 240 mm (20.4" x 13.4" x 9.4")

PERFORMANCE DATA :

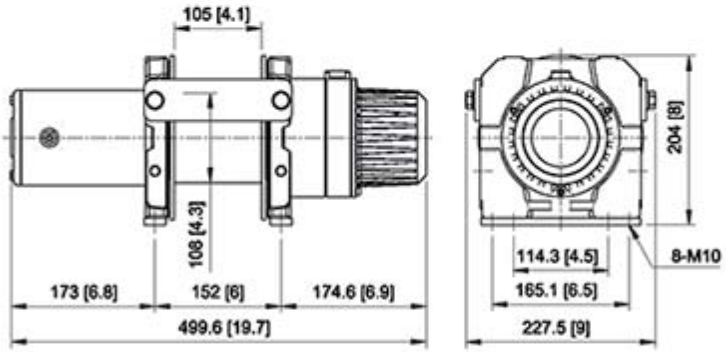
Line Pull and Rope Capacity

Layer of Wire Rope	Load by Layer, kg / lb	Line Speed, mpm / fpm 12V	24V	Total Rope on the Drum, m / ft
1st	998 / 2,200	4.2 / 13.8	5.0 / 16.4	5.6 / 18.4
2nd	898 / 1,980	4.6 / 15.1	5.5 / 18.0	11.8 / 38.7
3rd	816 / 1,799	5.1 / 16.7	6.1 / 20.0	18.7 / 61.4
4th	747 / 1,647	5.6 / 18.4	6.6 / 21.6	26.2 / 86
5th	689 / 1,519	6.0 / 19.7	7.2 / 23.6	30 / 100

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

Line Pull kg / lb	Line Speed, mpm / fpm 12V	24V	Amp. Draw, A 12V	24V	Percentage Duty Cycle Min / 10 min
No Load	5.3 / 17.4	5.8 / 19.0	25	18	Cont.
181 / 400	5.2 / 17.1	5.7 / 18.7	50	25	8.0
362 / 800	5.1 / 16.7	5.6 / 18.4	75	35	6.0
544 / 1,200	4.8 / 15.7	5.5 / 18	95	55	4.0
771 / 1,700	4.6 / 15.1	5.3 / 17.4	115	70	3.0
998 / 2,200	4.2 / 13.8	5.0 / 16.4	135	90	2.0

DIMENSION mm/in



COMEUP WINCH

GTD-1200

1,200 LB Heavy Duty Hoist

PN 751321 12V | PN 751375 24V
PN 751220 12V w/o controls and rope assembly
PN 751265 24V w/o controls and rope assembly

SPECIFICATIONS :

Rated load : 544 kg (1,200 lb)
Motor : 900 w / 1.2 hp, 12/24V permanent magnet
Gear train & ratio : 3-stage planetary 216:1
Brake (outside the drum) :
Mechanical cone brake and permanent motor dynamic brakes together
Winch construction : Aluminum die cast housing with cast iron drum
Drum size : 89 x 73 mm (3.5" x 2.9")
Control : Remote control with 5 m (17') lead
Rope : Galvanized aircraft A7 x 19, 4.8 mm x 18.3 m (3/16" x 60')
Mounting bolt pattern : 114 x 101.6 mm (4.5" x 4")
Hoist weight (including rope) : 15.3 kg / 33.7 lb
Gross weight : 20.2 kg / 44.5 lb
Box dimension, (L x D x H) : 504 x 214 x 363 mm (19.8" x 8.4" x 14.3")

PERFORMANCE DATA :

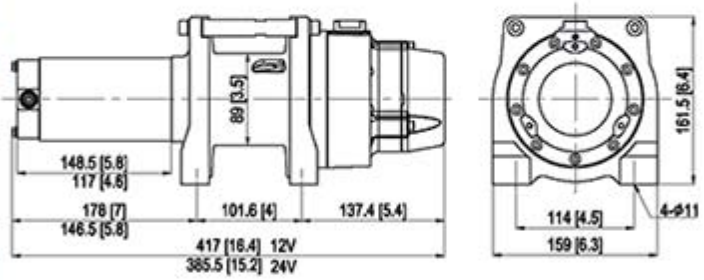
Line Pull and Rope Capacity

Layer of Wire Rope	Load by Layer, kg / lb	Line Speed, mpm / fpm	Total Rope on the Drum, m / ft
1st	544 / 1,200	5.5 / 18	4.2 / 13.8
2nd	494 / 1,089	6.1 / 19.9	8.8 / 28.9
3rd	452 / 996	6.6 / 21.7	13.8 / 45.3
4th	416 / 917	7.2 / 23.6	18.3 / 60

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

Line Pull kg / lb	Line Speed, mpm / fpm 12V	24V	Amp. Draw, A 12V	24V	Percentage Duty Cycle Min / 10 min
No Load	7.4 / 24.3	5.9 / 19.4	30	15	2.5
136 / 300	6.9 / 22.6	5.7 / 18.7	55	19	2.3
272 / 600	6.4 / 21.0	5.5 / 18.0	75	25	2.0
408 / 900	5.9 / 19.4	5.2 / 17.1	95	36	1.8
544 / 1,200	5.5 / 18.0	5.0 / 16.4	130	50	1.5

DIMENSION mm/in :



GTD-800/650

800/650 LB Heavy Duty Hoist

GTD-800
PN 750925 12V | PN 750955 24V
PN 750888 12V w/o controls and rope assembly
PN 750898 24V w/o controls and rope assembly

GTD-650
PN 750265 12V | PN 750280 24V
PN 750160 12V w/o controls and rope assembly
PN 750188 24V w/o controls and rope assembly

SPECIFICATIONS :

Rated load : 362 kg (800 lb)
Motor : 800 w / 1.0 hp, 12/24V permanent magnet
Gear train & ratio : 3-stage planetary 191:1
Brake : Mechanical spring applied and permanent motor dynamic brakes together
Winch construction : Aluminum die cast housings and drum
Drum size : 68 x 119 mm (2.7" x 4.7")
Control : Remote control with 5 m (17') lead
Rope : Galvanized aircraft A7 x 19, 4.0 mm x 18.3 m (5/32" x 60')
Mounting bolt pattern : 168 x 76 mm (6.6" x 3")
Hoist weight (including rope) : 8.3 kg / 18.3 lb
Gross weight : 12.2 kg / 26.9 lb
Box dimension, (L x D x H) : 430 x 170 x 300 mm (16.9" x 6.7" x 11.8")

SPECIFICATIONS :

Rated load : 295 kg (650 lb)
Motor : 800 w / 1.0 hp, 12/24V permanent magnet
Gear train & ratio : 3-stage planetary 138.5:1
Brake : Mechanical spring applied and permanent motor dynamic brakes together
Winch construction : Aluminum die cast housings and drum
Drum size : 61.2 x 75 mm (2.4" x 3.0")
Control : Remote control with 5 m (17') lead
Rope : Galvanized aircraft A7 x 19, 3.6 mm x 18.3 m (9/64" x 60')
Mounting bolt pattern : 124 x 76 mm (4.9" x 3")
Hoist weight (including rope) : 7.7 kg / 17 lb
Gross weight : 11.6 kg / 25.6 lb
Box dimension : 390 x 170 x 300 mm (15.4" x 6.7" x11.8")

PERFORMANCE DATA :

Line Pull and Rope Capacity

Layer of Wire Rope	Load by Layer, kg / lb	Line Speed, mpm / fpm	Total Rope on the Drum, m / ft
1st	362 / 800	3.2 / 10.5	6.6 / 21.7
2nd	327 / 721	3.6 / 11.8	14.0 / 45.9
3rd	297 / 655	3.9 / 12.8	18.3 / 60

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

Line Pull kg / lb	Line Speed, mpm / fpm 12V	24V	Amp. Draw, A 12V	24V	Percentage Duty Cycle Min / 10 min
No Load	3.6 / 11.8	4.2 / 13.8	20	15	3.0
181 / 400	3.4 / 11.2	4.1 / 13.5	40	25	2.0
362 / 800	3.2 / 10.5	4.0 / 13.1	55	35	1.5

PERFORMANCE DATA :

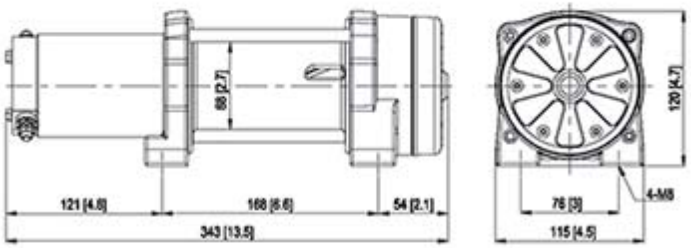
Line Pull and Rope Capacity

Layer of Wire Rope	Load by Layer, kg / lb	Line Speed, mpm / fpm	Total Rope on the Drum, m / ft
1st	295 / 650	4.0 / 13.1	4.1 / 13.5
2nd	266 / 586	4.5 / 14.8	8.7 / 28.5
3rd	241 / 531	4.9 / 16	13.8 / 45.3
4th	221 / 487	5.4 / 17.7	18.3 / 60

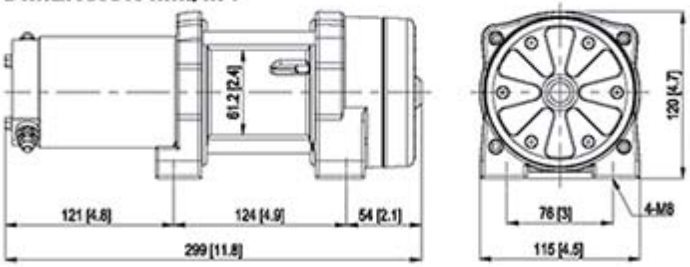
Line Speed and Amp. Draw (1st layer of rope on the drum)

Line Pull kg / lb	Line Speed, mpm / fpm 12V	24V	Amp. Draw, A 12V	24V	Percentage Duty Cycle Min / 10 min
No Load	4.3 / 14.1	5.0 / 16.4	25	15	3.0
147 / 320	4.2 / 13.8	4.8 / 15.7	45	22	2.0
295 / 650	4.0 / 13.1	4.6 / 15.1	55	30	1.5

DIMENSION mm/in :



DIMENSION mm/in :



COMEUP WINCH

Industrial Winch Accessories

Wireless Remote Control

2.4 GHz within 27 m (90'), complete set including wireless transmitter, wireless receiver, switch cord with plug, battery and handle strap

PN 883870 RF-24DP-A w/3 ping plug for GTD-650/800/1200/2200/2800, Wolf 8.5/12.0

PN 883872 RF-24DP-C w/6 pin plug for Rhino 8/12

Remote Control

PN 880025 for GTD-650/800/1200/2200/2800, Wolf 8.5 /12.0

PN 880126 for Rhino 8/12/15 (comes with protective thermal sensor LED)

PN 883509 for Rhino 8 Pro/12 Pro/15 Pro (comes with protective thermal sensor LED)

Sealed Contactor

PN 881355 (12V) / PN 881356 (24V)

400 A, for Rhino 8/8 Pro/12/12 Pro/15/15 Pro, Wolf 8.5/12.0

PN 882083 (12V) / PN 882084 (24V) 250A contactor w/lead for GTD-650/800/1200/2200/2800

Control Box

PN 881581 (12V) / PN 881582 (24V) for Rhino 8, w/built-in over-load protector

PN 881645 (12V) / PN 881646 (24V) for Rhino 12/15, w/built-in over-load protector

PN 883406 (12V) / PN 883521 (24V) ICB for Rhino 8 Pro/12 Pro/15 Pro

PN 882313 (12V) / PN 882314 (24V) for GTD-650/800/1200

PN 882360 (12V) / PN 882361 (24V) for GTD-2200/2800

PN 880340 (12V) / PN 880341 (24V) for Wolf 8.5/12.0

Roller Fairlead

PN 880160 179 mm throat for HV-8 Std. drum, Bison 20 Std. drum / 30 Std. drum

PN 880180 245 mm throat for HV-8 Long drum, HV-10/12/15

PN 883400 245 mm throat, SUS (steel special use stainless), for HV-8 Long drum, HV-10/12/15

PN 882481 179 mm throat for Rhino 8/8 Pro/12/12 Pro/15/15 Pro

PN 881479 149 mm throat for Yak 7 Std. drum

PN 881480 229 mm throat for Yak 7 Long drum

PN 882238 330 mm throat for Bison 20 Long drum / 30 Long drum

PN 882797 330 mm throat for Bison 50

PN 880023 210 mm throat for Wolf 8.5/12.0

Snatch Block

PN 881079 Max. load 10,000 kg / 22,000 lb

PN 881082 Max. load 13,610 kg / 30,000 lb

PN 883866 Max. load 22,680 kg / 50,000 lb

PN 883621 Max. load 31,752 kg / 70,000 lb

Wire Rope with Hook

PN 881239 8.0 mm x 45 m (5/16" x 150') for Wolf 8.5

PN 880106 9.5 mm x 30.5 m (3/8" x 100') for Wolf 12.0

Wire Rope w/o Hook

PN 882413 3.6 mm x 18.3 m (9/64" x 60') for GTD-650

PN 882411 4.0 mm x 18.3 m (5/32" x 60') for GTD-800

PN 882410 4.8 mm x 18.3 m (3/16" x 60') for GTD-1200

PN 882484 6.3 mm x 30.5 m (1/4" x 100') for GTD-2200

PN 882487 7.9 mm x 28 m (5/16" x 92') for GTD-2800

Clevis Hook

PN 881997 5/16" for GTD-650/800

PN 881995 3/8" for GTD-1200/2200

PN 881996 1/2" for GTD-2800

Cable Tensioner

PN 882796 345 mm for Bison 50

PN 881983 193 mm for Bison 20/30 Std. drum

PN 882195 345 mm for Bison 20/30 Long drum

PN 881238 184 mm for HV-8 Std. drum

PN 880179 249 mm for HV-8 Long drum, HV-10/12/15

PN 881236 153 mm for Yak 7 Std. drum

PN 881237 233 mm for Yak 7 Long drum

PN 881667 204 mm for Rhino 8

PN 883552 193 mm for Rhino 12/15

PN 880358 222 mm for Wolf 8.5/12.0

Air Clutch

PN 883226 for HV-8/10

PN 883227 for HV-12/15

Extended Clutch Kit

PN 881314 for HV-8/10

PN 883386 for HV-12/15

Over Center Valve

PN 883314 70-210 bar setting for HV-8/10/12/15

Winch Accessory Kit

Heavy Duty Kit PN 883438

Designed for winch single line capacity to 6,803 kg / 15,000 lb

Includes:

- 13,610 kg / 30,000 lb maximum capacity snatch block, PN 881082
- 100 mm x 2.4 m (4" x 8') tree trunk protector strap, PN 881091
- 75 mm x 9 m (3" x 30') tow strap rated to 9,800 kg/21,600 lb, PN 881090
- Bow shackle, 33 mm (3/4") pin diameter, PN 883440
- 3 m of 8 mm (10' of 5/16") grade 70 choker chain with hooks, PN 881096
- Gloves, PN 883437
- Bag, PN 883439

Base Plate Bracket

PN 883830 for Bison 50

PN 883831 for Bison 30

PN 883832 for Bison 30 Long drum

PN 883833 for Bison 20

PN 883834 for Bison 20 Long drum

Battery Isolation Switch PN 881097

2 Position Off-On 12V 500 Amp for Rhino 8/12, GTD-650/800/1200/2200/2800, Wolf 8.5/12.0

Emergency Stop Switch, PN 881668 400A

Industrial Winch Accessories

Bison/HV/Yak

Series		Hydraulic Winch							
Model Number		Bison 50	Bison 30	Bison 20	HV-15	HV-12	HV-10	HV-8	Yak 7
Gear train		Planetary gears							Worm gears
Rated line pull	SAE J706 rating	22,680 kg / 50,000	13,600 kg / 30,000 lb	9,070 kg / 20,000 lb	6,800 kg / 15,000 lb	5,440 kg / 12,000 lb	4,535 kg / 10,000 lb	3,630 kg / 8,000 lb	3,175 kg / 7,000 lb
	EN 14492-1rating	-	-	9,070 kg	6,800 kg	5,100 kg	4,300 kg	3,560 kg	3,200 kg
Counterbalance or over-center valve		●	●	●	●	●	●	●	●
Roller fairlead for	Std. drum	●	●	●	●	●	●	●	●
	for Long drum	-	●	●	-	-	-	●	●
Cable tensioner for	Std. drum	●	●	●	◎	◎	◎	◎	◎
	for Long drum	-	●	●	-	-	-	◎	◎
Air clutch		built-in	built-in	built-in	◎	◎	◎	◎	-
Snatch block		◎	◎	◎	◎	◎	◎	◎	◎

Rhino/Wolf/GTD

Series	Electric recovery Winch								Heavy Duty Hoist				
Model Number	Rhino 15 Pro	Rhino 15	Rhino 12 Pro	Rhino 12	Rhino 8 Pro	Rhino 8	Wolf 12.0	Wolf 8.5	GTD-2800	GTD-2200	GTD-1200	GTD-800	GTD-650
Gear train	Planetary gears						Worm gears		Planetary gears				
Rated line pull or lift	6,800 kg / 15,000 lb		5,440 kg / 12,000 lb		3,630 kg / 8,000 lb		5,443 kg / 12,000 lb	3,856 kg / 8,500 lb	1,270 kg/ 2,800 lb	998 kg/ 2,200 lb	544 kg / 1,200 lb	362 kg / 800 lb	295 kg / 650 lb
Remote control	●	●	●	●	●	●	●	●	●	●	●	●	●
Control box 12V	-	-	●	●	●	●	●	●	●	●	●	●	●
24V	●	●	●	●	●	●	●	●	●	●	●	●	●
Wire rope w/hook	◎	◎	◎	◎	◎	◎	●	●	●	●	●	●	●
Roller fairlead	●	●	●	●	●	●	●	●	-	-	-	-	-
Battery lead	●	●	●	●	●	●	●	●	●	●	●	●	●
Cable tensioner	◎	◎	◎	◎	◎	◎	●	●	-	-	-	-	-
Snatch block	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
ICB (Intelligent Control Box)	●	-	●	-	●	-	-	-	-	-	-	-	-

● Means as a standard accessory / ◎ Means as an option accessory