

BLAZER M2/M3

Fastest retrieval speed up to 73 meter per minute for M3 /70 meter per minute for M2 (base on gear ratio at 28.0:1)

1 Powerful triple/twin 8.0 hp 12V series wound motors w/thermal protection switch provides ultimate power and high speed line pull.

2 Ratchet brake system located outside the drum greatly improves heat dispersion and is ideal for synthetic rope.

3 Personalized laser engraved driver or team nameplate and serial number for traceability.



4 Extreme rugged 3 stage spur gear train and upright housing.

5 The reinforced gearbox cover features a depiction of the northern Taiwan coastline, a symbol representing the high quality Made in Taiwan engineering and durability.

6 Three/Two submersible sealed contactors w/silver-alloy contact pads for proven reliability in extreme conditions and thick copper buss bars are built to handle the high amps and high duty cycles of racing use.

7 Dual braking system includes ratchet brake inside the gear box cover and air actuated brakes at each motor.

8 Race Team hawse fairlead designed to guide the synthetic rope out from and onto the winch drum.



9 Air free-spool control for rapid and easy synthetic rope payout. (Operation pressure: Fitting for M3 with 60 - 120 psi (4.1 ~ 8.3 bar) / M2 with 120 psi (8.3 bar).

10 Tough die cast aluminum alloy housings can withstand forces greater than 2 times the winch's rated capacity.

11 Laser engraved Blazer badge.



Optional

- Three different gear ratio -
PN 883915 gear ratio kit 28.0 : 1
PN 883916 gear ratio kit 33.6 : 1
PN 883917 gear ratio kit 41.5 : 1
- Standard drum 285mm (11.2") /
PN 883914 Replacing long drum kit 381 mm (15")



COMEUP
LIMITED
LIFETIME
WARRANTY

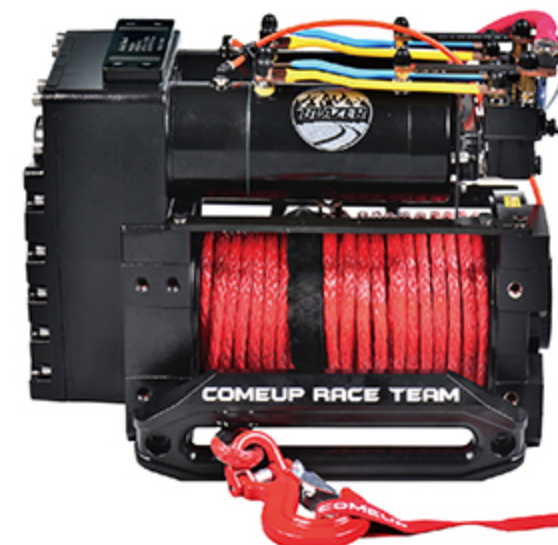
Limited Lifetime Warranty for Mechanical Components.

One (1) Year Warranty for Electrical Components.

Blazer M2

8,000 LB Twin Motor Winch with 60mpm Line Speed

- PN 855910 12V (Std. drum / 33.6:1 gear ratio)
- PN 855905 12V (Long drum / 33.6:1 gear ratio)
- PN 855941 12V (Std. drum / 28.0:1 gear ratio)
- PN 855930 12V (Long drum / 28.0:1 gear ratio)
- PN 855923 12V (Std. drum / 41.5:1 gear ratio)
- PN 855917 12V (Long drum / 41.5:1 gear ratio)



Note : Hawse fairlead does not mount to winch

SPECIFICATIONS :

Rated line pull :

- 33.6:1 gear ratio - 3,630 kg (8,000 lb) single line
- 28.0:1 gear ratio - 2,722 kg (6,000 lb) single line
- 41.5:1 gear ratio - 4,535 kg (10,000 lb) single line

Line speed :

- 33.6:1 gear ratio - (1st layer) : 60 mpm / 197 fpm 110 A at 12V at no load
(5th layer) : 136 mpm / 446 fpm 110 A at 12V at no load
- 28.0:1 gear ratio - (1st layer) : 70 mpm / 229.7 fpm 110 A at 12V at no load
(5th layer) : 162 mpm / 531 fpm 110 A at 12V at no load
- 41.5:1 gear ratio - (1st layer) : 48 mpm / 157.5 fpm 110 A at 12V at no load
(5th layer) : 105 mpm / 344 fpm 110 A at 12V at no load

Motor : 6,000 w / 8.0 hp, 12V series wound x 2 pcs

Gear train : 3-stage spur gear train

Clutch (freespooling) : Air free-spooling

Brake (outside the drum) : Air brake system plus Ratchet brake

Winch construction : Aluminum die cast housings with steel drum

Drum size : 63.5 x 219 x 285 mm (2.5" x 8.6" x 11.2") - Std. drum

63.5 x 219 x 381 mm (2.5" x 8.6" x 15") - Long drum

Rope : Synthetic rope, 11 mm x 46 m (7/16" x 151') w/Sling hook

Recommended battery : 650 CCA minimum for winching

Battery lead : 1.8 m (6') 2/0 gauge battery lead

Mounting bolt pattern :

330 x 114.3 mm (13" x 4.5") ; 360 x 114.3 mm (14.2" x 4.5") - Std. drum

426 x 114.3 mm (16.8" x 4.5") ; 456 x 114.3 mm (18" x 4.5") - Long drum

Air pressure : 120 psi (8.3 bar)

Winch weight : 80 kg / 176.4 lb - Std. drum ; 86 kg / 189.6 lb - Long drum

Gross weight : 118 kg / 260.1 lb - Std. drum ; 128 kg / 282.2 lb - Long drum

Box dimension, (L x D x H) :

720 x 410 x 620 mm (28.3" x 16.1" x 24.4") - Std. drum

790 x 410 x 620 mm (31.1" x 16.1" x 24.4") - Long drum

STANDARD ACCESSORIES:

- Synthetic rope 11 mm x 46 m (7/16" x 151') w/ sling hook
- Hawse fairlead
- 1.8 m (6') 2/0 gauge battery lead

OPTION ACCESSORIES :

- Remote control w/ 5 m (17') cord
- Extra gear ratio kits

PERFORMANCE DATA :

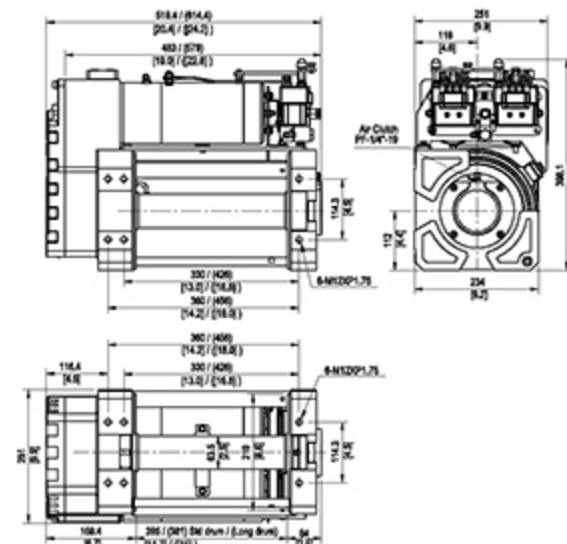
Line Pull and Rope Capacity

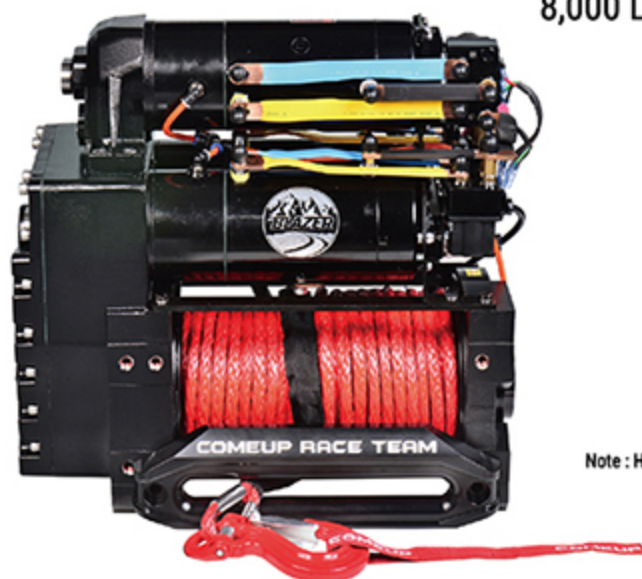
Gear Ratio	28.0:1	33.6:1	41.5:1	Total Rope on the Drum, m / ft
Layer of Rope	Pull by Layer, kg / lb			
1 st	2,722 / 6,000	3,630 / 8,000	4,535 / 10,000	5.8 / 19.0
2 nd	2,101 / 4,632	2,802 / 6,177	3,502 / 7,721	13.4 / 44.0
3 rd	1,711 / 3,772	2,282 / 5,031	2,852 / 6,288	22.7 / 74.5
4 th	1,443 / 3,181	1,925 / 4,244	2,405 / 5,302	33.6 / 110.2
5 th	1,248 / 2,751	1,664 / 3,669	2,080 / 4,586	46 / 151

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

Line Pull kg / lb	Line Speed (12V)					
	28.0:1		33.6:1		41.5:1	
	mpm / fpm	Amp. Draw	mpm / fpm	Amp. Draw	mpm / fpm	Amp. Draw
No Load	70 / 229.7	110	60 / 197	110	48 / 157.5	110
910 / 2,000	17.5 / 57.4	414	14.8 / 48.6	350	13.5 / 44.3	414
1,810 / 4,000	9.7 / 31.8	715	8.6 / 28.2	663	8.2 / 26.9	520
2,720 / 6,000	4.8 / 15.7	1,200	5.6 / 18.4	960	6.9 / 22.6	760
3,630 / 8,000	-	-	3.2 / 10.5	1,200	4.6 / 15.1	950
4,535 / 10,000	-	-	-	-	2.8 / 9.2	1,200

DIMENSION mm/in :





Blazer M3

8,000 LB Three Motors Winch with 63mpm Line Speed

PN 855912 12V (Std. drum / 33.6:1 gear ratio)
 PN 855945 12V (Long drum / 33.6:1 gear ratio)
 PN 855928 12V (Std. drum / 28.0:1 gear ratio)
 PN 855921 12V (Long drum / 28.0:1 gear ratio)
 PN 855933 12V (Std. drum / 41.5:1 gear ratio)
 PN 855935 12V (Long drum / 41.5:1 gear ratio)



Note : Hawse fairlead does not mount to winch

SPECIFICATIONS :

Rated line pull :

33.6:1 gear ratio - 3,630 kg (8,000 lb) single line
 28.0:1 gear ratio - 2,722 kg (6,000 lb) single line
 41.5:1 gear ratio - 4,535 kg (10,000 lb) single line

Line speed :

33.6:1 gear ratio - (1st layer) : 63 mpm / 206.7 fpm 140 A at 12V at no load
 (5th layer) : 145 mpm / 476 fpm 140 A at 12V at no load
 28.0:1 gear ratio - (1st layer) : 73 mpm / 239.5 fpm 140 A at 12V at no load
 (5th layer) : 173 mpm / 568 fpm 140 A at 12V at no load
 41.5:1 gear ratio - (1st layer) : 50 mpm / 164 fpm 140 A at 12V at no load
 (5th layer) : 112 mpm / 367 fpm 140 A at 12V at no load

Motor : 6,000 w / 8.0 hp, 12V series wound x 3 pcs

Gear train : 3-stage spur gear train

Clutch (freespooling) : Air free-spooling

Brake (outside the drum) : Air brake system plus Ratchet brake

Winch construction : Aluminum die cast housings with steel drum

Drum size : 63.5 x 219 x 285 mm (2.5" x 8.6" x 11.2") - Std. drum

63.5 x 219 x 381 mm (2.5" x 8.6" x 15") - Long drum

Rope : Synthetic rope, 11 mm x 46 m (7/16" x 151') w/Sling hook

Recommended battery : 650 CCA minimum for winching

Battery lead : 1.8 m (6') 2/0 gauge battery lead

Mounting bolt pattern :

330 x 114.3 mm (13" x 4.5") ; 360 x 114.3 mm (14.2" x 4.5") - Std. drum

426 x 114.3 mm (16.8" x 4.5") ; 456 x 114.3 mm (18" x 4.5") - Long drum

Air clutch pressure : Fitting for with 60 - 120 psi (4.1 - 8.3 bar)

Winch weight : 95 kg / 209.4 lb - Std. drum ; 101 kg / 222.7 lb - Long drum

Gross weight : 134 kg / 295.4 lb - Std. drum ; 144 kg / 317.5 lb - Long drum

Box dimension, (L x D x H) :

720 x 410 x 720 mm (28.3" x 16.1" x 28.3") - Std. drum

790 x 410 x 720 mm (31.1" x 16.1" x 28.3") - Long drum

PERFORMANCE DATA :

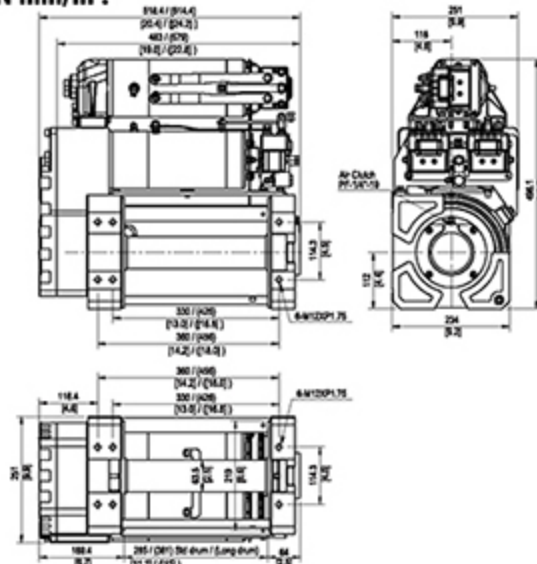
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5 th	1,248 / 2,751	1,664 / 3,669	2,080 / 4,586	46 / 151

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

Line Pull kg / lb	Line Speed (12V)					
	28.0:1		33.6:1		41.5:1	
	mpm / fpm	Amp. Draw	mpm / fpm	Amp. Draw	mpm / fpm	Amp. Draw
No Load	73 / 239.5	140	63 / 206.7	140	50 / 164	140
910 / 2,000	19.5 / 64	540	18.5 / 60.7	460	17.5 / 57.4	420
1,810 / 4,000	12.8 / 42	715	11.8 / 38.7	690	10.5 / 34.5	640
2,720 / 6,000	6.5 / 21.3	1,200	7.0 / 22.9	960	7.9 / 25.9	860
3,630 / 8,000	-	-	5.0 / 16.4	1,200	5.5 / 18.0	1,050
4,535 / 10,000	-	-	-	-	3.3 / 10.8	1,200

DIMENSION mm/in :



STANDARD ACCESSORIES :

- Synthetic rope 11 mm x 46 m (7/16" x 151') w/ sling hook
- Hawse fairlead
- 1.8 m (6') 2/0 gauge battery lead

OPTION ACCESSORIES :

- Remote control w/ 5 m (17') cord
- Extra gear ratio kits