

COMEUP Utility Winch 5,000si With Integrated Control Box, Intelligence Dashboard and Synthetic Rope



Accessories:

- Synthetic rope w/clevis hook
- Wireless transmitter kit
- Hawser fairlead
- Mounting hardware

- Compact and light weight allows a wide range of application on trailers and boats.
- High torque permanent magnet motor enables high line pull at lower amp and slip free dynamic brake.
- 3-stage planetary gearbox delivers the most reliable and durable performance of winch under the most rugged conditions.
- Sliding pin and ring gear clutch for rapid rope payout.
- Automatic load-holding mechanical brake plus motor dynamic brake ensure holding the load without slippage.
- With circuit breakers to prevent motor overheating.
- Both built-in digital signal two ways wireless remote control and on board rocker switch (IN/OUT) control.

Intelligence Dashboard IDB functions:-

- Cutout switch prevents the vehicle battery from draining when not in use.
- On board rocker switch (IN/OUT) can be operated directly.
- With LED fan-shaped battery life indicator.



Telephone: +44 (0)1482 620991
Email: sales@winchsystems.co.uk
Web: www.winchsystems.co.uk



TAIWAN
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2019



Utility Duty Winch The Utility Duty Winch Series is designed to be flexible for loading trailers or moving various vehicles or even boats into position. These COMEUP Winches provide a line pull of 2,500 – 5,000lb rating with a power-out device for rapid wire rope pay-out. They are dexterous, easy to install and have a high torque magnet motor delivering a high line pull at a lower amp draw. Dual brakes with an automatic load-holding mechanical brake and a motor dynamic brake provide strength and reliability.



Power in and Power out



A high torque permanent magnet motor enables higher line pull at lower amp and a slip free dynamic brake



3-stage planetary gearbox delivers the most reliable and durable performance of winch under the most rugged conditions



Sliding pin and ring gear clutch for rapid wire rope pay-out



Automatic load-holding mechanical brake plus motor dynamic brake ensures holding the load without slipping



Compact and lightweight design allows a wide range of installation options i.e. trailers and boats



Circuit breakers to prevent motor overheating



Integrated solenoid pack for better wiring protection



Standard Compliance:

o CE Machinery Directive 2006/42/EC

o CE Electromagnetic Compatibility Directive 2004/108/EC



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Specification/Part Numbers

- Part number: PN 645010
 - Rated line pull: 2,268 kg (5,000 lb) single line
 - Motor: 1,300 w / 1.7 hp, 12V permanent magnet
 - Gear train / ratio: 3-stage planetary 170:1
 - Clutch (freespooling): Sliding ramping
 - Brake: Mechanical spring applied brake plus permanent magnet motor dynamic brakes
 - Drum size: 54 mm x 83L mm (2.1" x 3.3"L)
 - Control: Wireless remote control and on board rocker switch control
 - Synthetic rope size: 6.3 mm x 15.2 m (1/4" x 50')
 - Mounting bolt pattern: 72 mm x 93 mm (2.8" x 3.7")
 - Winch weight (including rope) : 12.7 kg / 28 lb
 - Gross weight : 16.7 kg / 36.8 lb
 - Box dimension, (L x D x H) : 462 x 271 x 185 mm (18.2" x 10.7" x 7.3")
- Standard Compliance:
- CE Machinery Directive 2006/42/EC
 - CE EMC Directive 2004/108/EC

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

Line Pull, kg / lb	Line Speed, mpm / fpm	Amp. Draw, A
		12V
No Load	5.5 / 18.0	25
454 / 1,000	5.0 / 16.4	75
907 / 2,000	3.6 / 11.8	140
1,361 / 3,000	2.5 / 8.2	210
1,814 / 4,000	1.4 / 4.6	310
2,268 / 5,000	1.0 / 3.3	360

Line Pull and Rope Capacity:

Layer of Rope	Pull by Layer, kg / lb	Total Rope on the Drum, m / ft
1 st	2,268 / 5,000	2.4 / 7.9
2 nd	1,876 / 4,136	5.3 / 17.4
3 rd	1,600 / 3,527	8.7 / 28.6
4 th	1,394 / 3,073	12.6 / 41.4
5 th	1,235 / 2,722	15.2 / 50

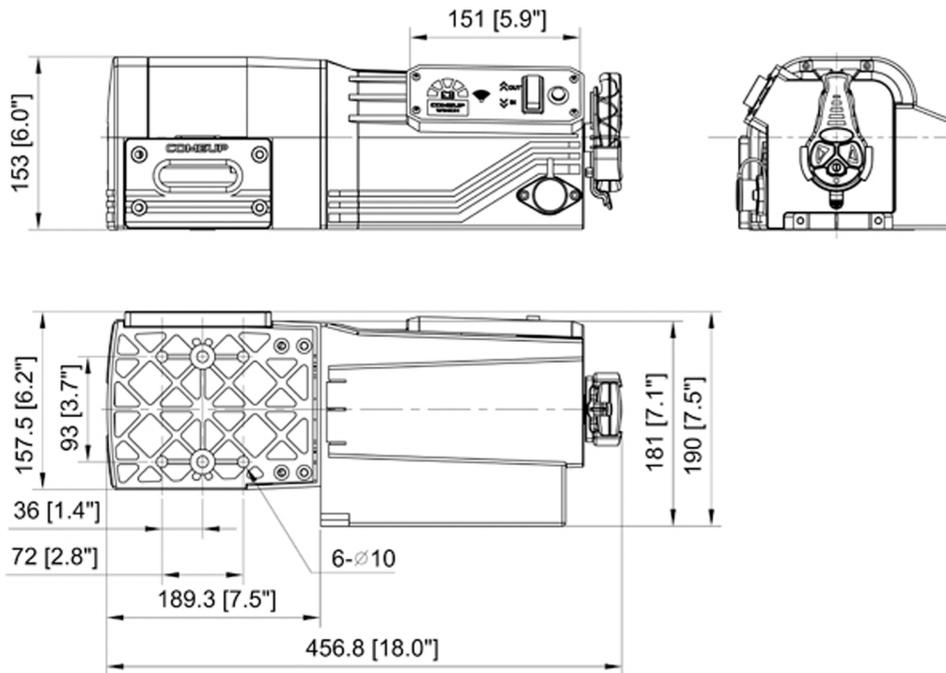
Warning

**Winches are not to be used for the lifting or moving of persons.
The rated line pull shown is based on the first layer of rope on the drum.
The rope winding on the drum shall remain 10 wraps from the drum.**



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Dimensions, mm/in:



Warranty

Each new winch is guaranteed against defects in workmanship and material defects for a stipulate period from date of purchase.

***Automotive Winch: Limited lifetime warranty for mechanical components,**

One (1) year warranty for electrical components,

WIRE ROPES ARE NOT INCLUDED UNDER WARRANTY



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