



Part Numbers	
10801028	3,500 lb wire rope
10801032	3,500 lb synthetic rope

## 3,500 LB ELECTRIC ATV WINCH

Model: Gen1.5 3,500lb wire & synthetic rope

Motor Type: Electric 12V DC

- The brake is placed in the motor bracket: it can be fitted with synthetic rope or wire rope
- Waterproof design IP68, water depth 1m, no leak inside; meet the needs of customers for any environment



Engineering Data	
Maximum Pulling Force	Layer 1: 3,500 lb (15.56 kN) Layer 2: 2,953 lb (13.13 kN) Layer 3: 2,554 lb (11.35 kN) Layer 4: 2,250 lb (10.00 kN) Layer 5: 2,011 lb (8.94 kN)
Geartrain	3-Stage Planetary
Gear Ratio	167:1
Clutch	Locking sun gear
Brake	Auto Load Holding Mechanical
Fairlead	4-Way Roller or Aluminum Hawse

Performance Data		
Load lb (kg)	Speed FPM (MPM)	Amps
0(0)	17(5.1)	29
1,500(680.4)	10(3.0)	100
2,500(1134)	9(2.7)	135
3,500(1588)	6(1.8)	160

Dimensional Data (See Dimensional Drawing for More Information)	
Drum Barrel Diameter	50mm
Rope Attachment Points	1 Points Pass through Drum
Recommended Rope and Capacity	Synthetic Rope :0.216" x 50' (5.5mm x 15.24m) Wire Rope:0.2" x 50' (5.1mm x 15.24m)
Maximum Wire Rope Recommendation	5.1mm
Minimum Breaking Strength	5,400 lb (24.00kN)
Approximate Net weight (with rope)	Synthetic Rope: 20lbs (9kg) Wire Rope: 22lbs (10kg)

Electrical Specifications	
Maximum Watts	2.6kW
Maximum Amperage	160A
Remote Control Style	Wired, 10.2' (3.1m) Long
Duty Cycle	5% (45 sec at Max Rated Load; 14 min, 15 sec Rest)
Lubrication	-40 C ~ 120 C grease
Standards Compliance	CE

Line Speed By Layer		
Layer 1	9 FPM	2.8 m
Layer 2	10 FPM	3.2 m
Layer 3	11 FPM	3.4 m
Layer 4	12 FPM	3.6 m
Layer 5	13 FPM	3.8 m

