

Mini Winch | 500m Winch | 600m Winch

Robertson Geo designs and builds its own range of winches of varying capacities for deploying subsurface probes on 4-core or co-axial cable.

Each winch is precision engineered for reliable use in the most challenging field applications. The winches are fully compatible with the Micrologger2 surface system and the full range of Robertson Geo probes, for depths of up to 3,000m.

Mini Winch

The Robertson Geo Mini Winch is portable, compact and robust. Its basic 'no-frills' design is aimed at long-term reliability under arduous conditions.

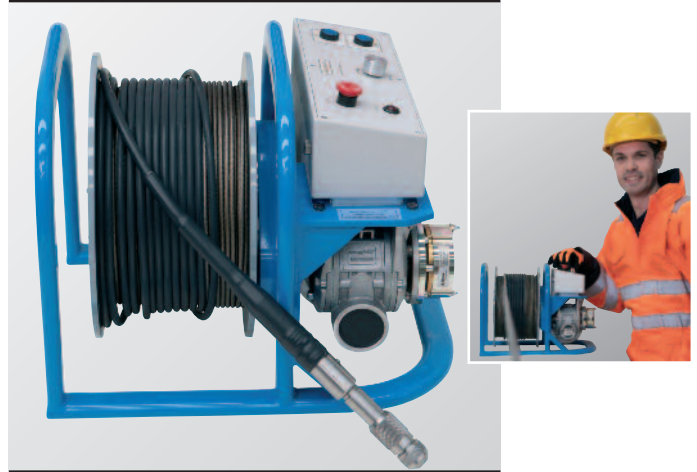
SPECIFICATION:

Specifications

Capacity:	175m (575') 4.72, (3/16") cable
Speed:	0 - 17.5m/min (0 - 57ft/min) on full drum (12VDC operation)
Motor:	550W (12 - 24VDC)
Size:	340(w) x 400(l) x 320(h) mm
Weight:	19kg excluding cable

Part Numbers

1013754	Mini Winch includes power and data cables
1001117	Mini Winch Tripod with Encoder



500m Winch

A robust heavy-duty unit, the 500m Winch can be operated from a vehicle battery and is ideal for heavier probes in shallow boreholes.

SPECIFICATION:

Specifications

Capacity:	530m (1738') 3/16" 4-core cable
Speed:	0 - 13m/min (0 - 43ft/min)
Motor:	180W at 12VDC
Size:	582(w) x 482(l) x 414(h) mm
Weight:	52kg excluding cable

Part Numbers

1001019	500m winch including tripod, power and data cable
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600m Winch

Of similar basic construction to the 500m winch, the 600m is mains/generator powered.

SPECIFICATION:

Specifications

Capacity:	630m (2066') 3/16" 4-core cable
Speed:	0 - 15m/min (0 - 49ft/min)
Motor:	540W at 110/220VAC
Size:	622(w) x 696(l) x 370(h) mm
Weight:	80kg excluding cable

Part Numbers

1001043	600m winch including tripod, power and data cable
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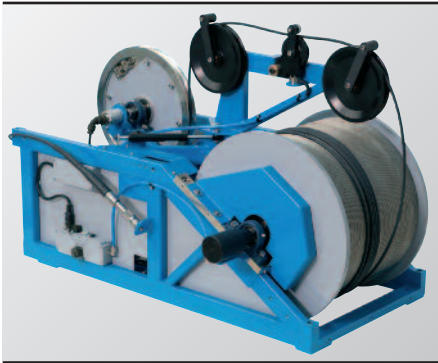
1000m/2000m Winch | 3000m Winch 2000m Marine Winch

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1000m/2000m Winch

The standard unit for truck-mounted operations in deep boreholes, the 2000m winch includes an integral depth wheel and an automatic level wind.



SPECIFICATION:

Specifications

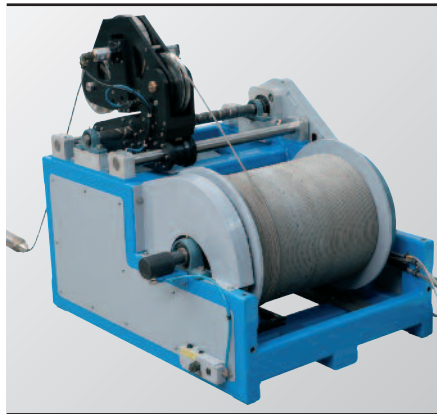
Capacity:	2030m (6658') 3/16" 4-core cable 1030m (3378') 1/4" coaxial cable
Speed:	0 – 30m/min (0 – 99ft/min)
Motor:	2hp (1.5kW) at 110/220VAC
Size:	605(w) x 1060(l) x 735(h) mm
Weight:	142kg excluding cable

Part Numbers

1001021	2000m winch for 3/16" 4-core cable includes tripod, power and data cable
1001034	1000m winch for 1/4" coaxial cable includes tripod, power and data cable

3000m Winch

A heavy-duty electric draw-works designed for deeper hole and oil/gas investigations. *Please note the pressure limits of standard Robertson Geo slimhole tools.*



SPECIFICATION:

Specifications

Capacity:	3000m (9840') 3/16" cable
Speed:	0.2 – 34m/min rim: 0.5 – 100m/min
Pull:	1,350kgF Rim: 460kgF
Motor:	440VAC 3-Phase 4kVA
Dimensions:	1000(w) x 1100(l) x 900(h) mm
Weight:	415kg excluding cable

Part Numbers

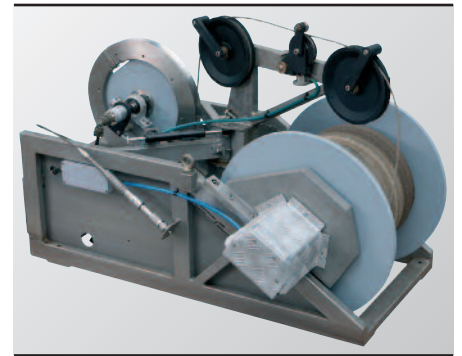
1013866	3000m winch for 3/16" four-core system includes tripod, power and data cable
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2000m Marine Winch

Working experience by Robertson Geo offshore logging crews has led to the modification of the 2000m Winch and the introduction of a Marine variation to resist corrosive, saline conditions.

The communications box is waterproofed and filled with silicon to protect the electronics.

Grade 316 stainless steel has been introduced to replace standard steel components. 316 contains the alloy molybdenum, significantly enhancing corrosion resistance, especially for more saline or chloride exposed environments. 316 components include structural frames, depth wheel, panels, spacers, shafts and gears, sprockets and chains.



SPECIFICATION:

Specifications

Capacity:	2030m (6658') 3/16" 4-core cable 1030m (3378') 1/4" coaxial cable
Speed:	0 – 30m/min (0 – 99ft/min)
Motor:	2hp (1.5kW) at 110/220VAC
Size:	605(w) x 1060(l) x 735(h) mm
Weight:	142kg excluding cable

Part Numbers

1019167	2000m Marine Winch
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