

Manual and Power WIRE REELS

Reels for Geophysical Applications



Desert Bloom 1998, Picacho Peak AZ

DESCRIPTION

Wire reels: power, hand cranked and/or packable, for transport, layout and retrieval of wire used on a geophysical survey.

SPECIFICATIONS FOR WIRE REELS

MANUAL REELS

May be supplied empty or with 610 meters (2,000 feet) of 14 gauge MTW grade transmitter wire. Seven reels of wire are adequate for a standard 7-electrode, 300 meter dipole-dipole IP survey.

General

Description: Multi-purpose breast, 2:1 turning ratio
30.5 cm (12 inch) spool diameter
Capacity: 610 m (2000 ft) 14 gauge MTW
Construction: Heavy-duty aluminum
Shaft construction: Hard finished steel
Shoulder mounts: Durable foam pads covering curved aluminum bars.
Weight (with wire): 23.6 kg (52 lb)
(without wire): 6.6 kg (15 lb)

Dimensions

Size (without crank handle):
39.8 x 33.0 cm (15.6 x 13.0 in)
Extension of crank handle from side of reel:
9.4 cm (3.7 in)
Main shaft diameter: 1.1 cm (7/16 inch)
Inside spindle diameter: 9.6 cm (3.8 inch)

Options

Spare parts and rebuild kit for manual breast reel
Weight: 1.4 kg (3 lb)
Wire or cable on reels, specify cable plug type for communications wire

POWER REELS

May be supplied empty or with 1,067 meters (3,500 feet) of 14 gauge MTW grade transmitter wire. Four reels of wire are adequate for a standard 7-electrode, 300 meter dipole-dipole IP survey.

General

Description: Multi-purpose power reel with optional power winder, 1:1 turning ratio with hand crank, 30.5 cm (12 inch) spool diameter
Capacity: 1067 m (3500 ft) 14 gauge MTW
Shaft construction: Hard finished steel
Weight (with wire): 40.9 kg (90 lb)
(without wire): 13.6 kg (30 lb)

Dimensions

Size: 35 x 35 x 52 cm (14 x 14 x 20.5 in)
Inside spindle diameter: 7.6 cm (3 inch)

Options

Power Winder for power reel, uses 12 volt battery source, complete with cables, carrying case, V-belts and hand crank. Provides 6:1 turning ratio.
Weight: 25.7 kg (56.5 lb)
Spare parts kit for power winder
Weight: 9 kg (20 lb)

*Specifications subject to change without notice
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